

CONTRACT DOCUMENTS

**CRP 617/ COYAN BRIDGE #200-9.93
REPLACEMENT**

**BROS-2011(049)
RAP-1118-02**



Agenda Summary Report (ASR)

Franklin County Board of Commissioners

DATE SUBMITTED: November 10, 2020	PREPARED BY: Kathleen Neuman, Associate Engineer
Meeting Date Requested: November 17, 2020	PRESENTED BY: Craig Erdman, PE, County Engineer <i>CE</i>
ITEM: (Select One) <input checked="" type="checkbox"/> Consent Agenda <input type="checkbox"/> Brought Before the Board <div style="text-align: right; margin-right: 50px;">Time needed:</div>	
SUBJECT: Resolution and execute the contract provisions and plans for County Road Project (CRP) 617 - Coyan Bridge #200-9.93 Replacement to Apollo, Inc of Kennewick, Washington.	
FISCAL IMPACT: Franklin County was awarded a total of \$1,0724,151 of Federal Highway Administration (FHWA) Bridge Program and the County Road Administration Board (CRABoard) Rural Arterial Preservation (RAP) towards the construction phase of this project. Franklin County will be required to cover the cost for the roadway work at an estimated cost of \$250,000. Total estimated cost of construction is \$1,245,680 including staff/consultant's time. Public Works has budgeted funds in County Road line 595.12 and 595.30 towards to cover the estimated difference for the construction of the bridge and roadway with possible future reimbursement from the 168 Fund. This project is included in the 2020 Annual Construction & Major Equipment Purchases (Res. 2019-375).	
BACKGROUND: November 3 rd , the Board of County Commissioners awarded the above-mentioned contract to Apollo, Inc for \$1,122,949.24 excluding sales tax. Apollo, Inc has submitted the appropriate insurance forms, performance bond, and payment bond for this contract. Public Works is prepared to execute the contract for the CRP 617 – Coyan Bridge #200-9.93 Replacement project.	
RECOMMENDATION: Approve attached resolution and execute the contract for the construction of CRP 617 - Coyan Bridge #200-9.93 Replacement project.	
COORDINATION: This agenda item was prepared under the supervision of Craig Erdman, County Engineer, reviewed by Matt Mahoney, Public Works Director, Keith Johnson, County Administrator, WSDOT Local Programs and Jennifer Johnson, Civil Prosecuting Attorney whom has concurred with our recommendation.	
ATTACHMENTS: (Documents you are submitting to the Board) <ol style="list-style-type: none"> 1. Resolution executing contract (3 originals) 2. Contract Provisions and Plans for CRP 617 – Coyan Bridge #200-9.93 Replacement project (3 originals) 	
HANDLING / ROUTING: (Once document is fully executed, it will be imported into Document Manager. Please list <u>name(s)</u> of parties that will need a pdf) Please return two (2) original resolution and two (2) signed contracts to Kathleen Neuman, Public Works	

I certify the above information is accurate and complete.

Craig Erdman for

Matt Mahoney, Public Works Director

FRANKLIN COUNTY RESOLUTION _____

**BEFORE THE BOARD OF COMMISSIONERS OF
FRANKLIN COUNTY, WASHINGTON**

***EXECUTING CONTRACT BETWEEN FRANKLIN COUNTY AND
APOLLO, INC FOR CRP 617 – COYAN BRIDGE #200-9.93 REPLACEMENT***

WHEREAS, pursuant to RCW 36.01.010 and RCW 36.32.120 the legislative authority of each county is authorized to enter into contracts on behalf of the County and have the care of County property and management of County funds and business; and

WHEREAS, the Board of Franklin County Commissioners constitutes the legislative authority of Franklin County and desires to enter into attached contract as being in the best interest of Franklin County,

NOW, THEREFORE, BE IT RESOLVED that the attached contract between Franklin County and Apollo, Inc of Kennewick, Washington for CRP 617 – Coyan Bridge #200-9.93 Replacement is hereby approved by the Board.

APPROVED this _____ day of November 2020.

BOARD OF COUNTY COMMISSIONERS
FRANKLIN COUNTY, WASHINGTON

Chair

Chair Pro Tem

Member

Attest:

Clerk of the Board



FRANKLIN COUNTY

PUBLIC WORKS DEPARTMENT



CRP 617
COYAN BRIDGE #200-9.93

FHWA-BROS-2011(049)
RATA-RAP-1118-02

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INVITATION TO BID

CRP 617 – COYAN BRIDGE #200-9.93 REPLACEMENT

FHWA – BROS-2011(049)

RATA – RAP – 1118-02

Franklin County Public Works is inviting and requesting bid proposals for **CRP 617 – Coyan Bridge #200-9.93 Replacement**.

The project replaces the Coyan Road Bridge over South Columbia Basin Irrigation District's Pothole East Canal. The new bridge will be in the same general footprint with a wider driving surface to meet current standards and functional requirements, increasing from 24' in width to 32' in width, containing two (2) 10' travel lanes and 6' shoulders. The bridge length is 100 feet between pavement seats and completely spans the existing earth canal. The project also includes installing guardrail, reconstruct approx. 1200' of roadway, HMA paving, and other work. The project is located directly north of the Scootney Reservoir in Section 3, Township 14 N., Range 30 E., W.M. (46.723082°, -119.036624°).

This project has an Underutilized Disadvantaged Business Enterprise (UDBE) goal of 2.0%.

Due to the COVID-19 global pandemic, Franklin County has made changes to the bid submittal and bid opening process for the above referenced bid.

Delivery of sealed bids: Franklin County will be accepting mailed-in or hand-delivered bids. Sealed bids shall be marked with the project name and number and be addressed to the Franklin County Commissioners. Bid Proposals must be received at the Office of the Board of County Commissioners, Franklin County Courthouse, 1016 N. 4th Ave, Pasco, Washington, 99301 prior to **3:30 PM, Monday, October 26th, 2020**.

Location of Bid Opening: Virtual Public Bid Opening will be opened and publicly read aloud during the regular County Commissioners meeting after 9:00 AM on Tuesday, October 27th, 2020 on YouTube Livestream – Commissioner Meeting, link will be posted on Franklin County main website page located at <http://www.co.franklin.wa.us/index.php>. Bids shall be submitted only on the proposal form provided with the specifications.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the total contract amount.

Complete digital project bidding documents are available at www.questcdn.com. Interested bidders may view the plans and specifications at no charge by signing up for an account and inputting Quest Project #7331917 on the websites Projects Search Page. Firms who intend to submit a bid should download the digital plan documents, specifications, contract documents and bid proposal for fifteen dollars (\$15.00). Please contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in free membership, registration, downloading, and working with this digital project information.

Informational copies of maps, plans and specifications are on file for inspection in the Office of the County Engineer of Franklin County and the Office of the Franklin County Commissioners both in Pasco, Washington.

The following is applicable to Federal-aid projects:

The Franklin County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

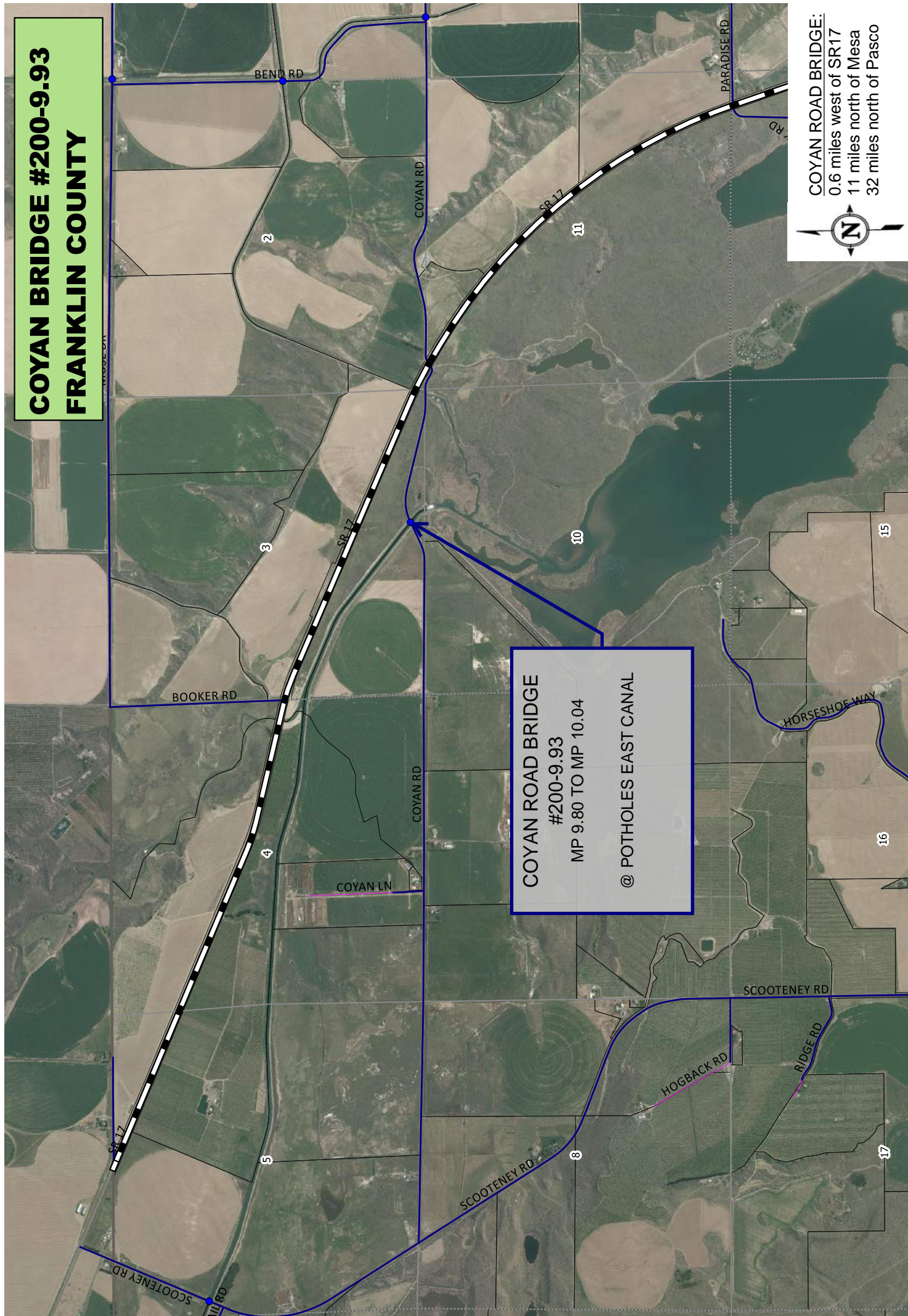
The Franklin County Commissioners reserve the right to reject any and all bids and to waive technicalities or irregularities, and after careful consideration of all bids and factors involved make the award to best serve the interests of Franklin County.

Signed this 1st day of October 2020.

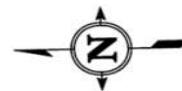
FRANKLIN COUNTY ENGINEER
FRANKLIN COUNTY, WASHINGTON


Craig B. Erdman, PE, County Engineer

COYAN BRIDGE #200-9.93
FRANKLIN COUNTY



COYAN ROAD BRIDGE:
0.6 miles west of SR17
11 miles north of Mesa
32 miles north of Pasco



PROPOSAL

BID PROPOSAL

NON-COLLUSION DECLARATION

CERTIFICATION FOR FEDERAL-AID CONTRACTS

PROPOSAL BOND

LOCAL AGENCY SUBCONTRACTOR LIST

UDBE UTILIZATION CERTIFICATION

UDBE WRITTEN CONFIRMATION DOCUMENT

UDBE BID ITEM BREAKDOWN FORM

UDBE TRUCKING CREDIT FORM

CONTRACTOR CERTIFICATION WAGE LAW COMPLIANCE

PROPOSAL

TO: THE BOARD OF COUNTY COMMISSIONERS
Franklin County, Washington

This certifies that the undersigned has examined the location of the project and that the plans, specifications, and contract governing the work embraced in this improvement and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced by this improvement, or as much thereof as can be completed with the money available, in accordance with the said plans, specifications, contract, and the following schedule of rates and prices.

(Note: Unit prices for all items, all extensions, and total amount of bid shall be shown. Show unit price and total amounts in figures only. Figures written to the right of the dot (decimal) shall be interpreted as cents.)

BID

Item No.	Plan Quantity	Item	Unit Price	Total Amount
1.	Lump Sum	Mobilization	<u>90,000.00</u> per L.S.	<u>90,000.00</u>
2.	Lump Sum	Clearing and Grubbing	<u>2,400.00</u> per L.S.	<u>2,400.00</u>
3.	Lump Sum	Removal of Structure and Obstruction	<u>11,000.00</u> per L.S.	<u>11,000.00</u>
4.	Lump Sum	Removing Existing Bridge #200-9.93	<u>39,000.00</u> per L.S.	<u>39,000.00</u>
5.	360	Roadway Excavation Incl. Haul	<u>27.00</u> per C.Y.	<u>9,720.00</u>
6.	6,780	Common Borrow Incl. Haul	<u>12.80</u> per C.Y.	<u>86,784.00</u>
7.	5,000	Embankment Compaction	<u>3.34</u> per C.Y.	<u>16,700.00</u>
8.	80	Quarry Spalls	<u>46.00</u> per C.Y.	<u>3,680.00</u>
9.	136	Structure Excavation Class A Incl. Haul	<u>57.00</u> per C.Y.	<u>7,752.00</u>

10.	Lump Sum	Shoring or Extra Excavation Cl. A	<u>1.00</u> per L.S.	<u>1.00</u>
11.	52	Gravel Backfill for Wall	<u>28.00</u> per C.Y.	<u>1,456.00</u>
12.	237	Furnishing St. Pilings	<u>72.00</u> per L.F.	<u>17,064.00</u>
13.	16	Furnish Steel Pile Tip or Shoe	<u>215.00</u> per Each	<u>3,440.00</u>
14.	16	Driving St.Pile	<u>3,300.00</u> per Each	<u>52,800.00</u>
15.	10,600	St. Reinf. Bar for Substructure	<u>1.77</u> per L.B.	<u>18,762.00</u>
16.	72	Conc. Class 4000 for Substructure	<u>520.00</u> per C.Y.	<u>37,440.00</u>
17.	Lump Sum	Superstructure (Coyan Bridge #200-9.93)	<u>444,000.00</u> per L.S.	<u>444,000.00</u>
18.	205	Traffic Barrier	<u>130.00</u> per L.F.	<u>26,650.00</u>
19.	83	Bridge Approach Slab	<u>427.00</u> per S.Y.	<u>35,441.00</u>
20.	447	Waterproof Membrane	<u>45.00</u> per S.Y.	<u>20,115.00</u>
21.	755	Crushed Surfacing Top Course	<u>17.55</u> per Ton	<u>13,250.25</u>
22.	2,590	Crushed Surfacing Base Course	<u>17.00</u> per Ton	<u>44,030.00</u>
23.	717	HMA Cl. 3/8 In. PG 64S-28	<u>91.00</u> per Ton	<u>65,247.00</u>
24.	38	HMA for Approach Cl. 3/8 In. PG 64S-28	<u>178.00</u> per Ton	<u>6,764.00</u>
25.	Calculation	Job Mix Compliance Price Adjustment	<u>(-1.00)</u> Calculation	<u>(-1.00)</u>

26.	Calculation	Compaction Price Adjustment	<u>(-1.00)</u> Calculation	<u>(-1.00)</u>
27.	5	ESC Lead	<u>25.00</u> per Day	<u>125.00</u>
28.	Estimated	Erosion/Water Pollution Control	<u>\$5,000.00</u> Estimated	<u>\$5,000.00</u>
29.	0.6	Seeding, Fertilizing, and Mulching	<u>2,880.00</u> per Acre.	<u>1,728.00</u>
30.	4	Beam Guardrail Transition Section Type 24	<u>1,940.00</u> per Each.	<u>7,760.00</u>
31.	150	Beam Guardrail Type 31	<u>30.00</u> per L.F.	<u>4,500.00</u>
32.	4	Beam Guardrail Anchor Type 10	<u>1,294.00</u> per Each.	<u>5,176.00</u>
33.	1256	Paint Line	<u>1.00</u> per L.F.	<u>1,256.00</u>
34.	Lump Sum	Permanent Signing	<u>3,800.00</u> per L.S.	<u>3,800.00</u>
35.	120	Construction Signs Class A	<u>33.00</u> per S.F.	<u>3,960.00</u>
36.	Lump Sum	Project Temporary Traffic Control	<u>17,000.00</u> per L.S.	<u>17,000.00</u>
37.	Lump Sum	Trimming and Cleanup	<u>5,000.00</u> per L.S.	<u>5,000.00</u>
38.	Calculation	Minor Change	<u>10,000</u> Calculation	<u>10,000</u>
39.	Lump Sum	SPCC Plan	<u>1,000.00</u> per L.S.	<u>1,000.00</u>
40.	1	Mailbox Support Type 1	<u>350.00</u> per Each.	<u>350.00</u>
41.	Lump Sum	Reinstall Salvaged Gates	<u>1,400.00</u> per L.S.	<u>1,400.00</u>

42.	Lump Sum	Record Drawing (minimum bid \$1000.00)	<u>1,000.00</u> per L.S.	<u>1,000.00</u>
43.	400	Training	<u>1.00</u> per Hour.	<u>400.00</u>

TOTAL BID \$ 1,122,949.25

**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 have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

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

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

Failure to return this Certification as part of the bid proposal package will make the bid nonresponsive and ineligible for award.

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.

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

CASH ☐ IN THE AMOUNT OF _____
CASHIER'S CHECK ☐ _____ DOLLARS
CERTIFIED CHECK ☐ (\$_____) Payable to the County Treasurer
PROPOSAL BOND ☒ IN THE AMOUNT OF 5% OF THE BID

** Receipt is hereby acknowledged of addendum(s) 1, _____, _____, _____, _____

SIGNATURE OF AUTHORIZED OFFICIAL (S)

Proposal must be signed >  _____

FIRM NAME Apollo, Inc.
CONTRACTOR'S LICENSE NO. AB0011X01KB
WASHINGTON STATE L&I NO: 442-528-048
REVENUE TAX NUMBER: 91-1136892
UBI NUMBER: 601-490-907
ADDRESS 1115 S. Clatterton, Kennewick WA 99301
PHONE NO. 509-586-1104

- Note: (1) This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the County Engineer 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 regarding "Preparation of Proposal"

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that we, Apollo, Inc.
Of Kennewick, WA as principal, and the Western Surety
Company, a corporation duly organized to do business in
the State of Washington, as surety, are held and firmly bound unto Franklin County in the
full and penal sum of five (5) percent of the total amount of the bid proposal of said principal
for the work herein after 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 County Road project, to wit:

CRP 617 / Coyan Bridge #200-9.93 Replacement

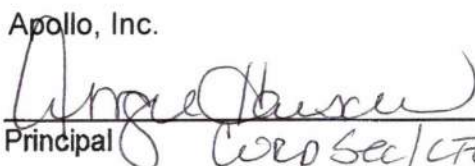
said bid and proposal, by reference thereto, being made a part hereof.

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 Franklin County within a period of ten
(10) days from and after said award, 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 the


7th day of October, 2020.

Apollo, Inc.


Principal *Corp Sec/CFO*

Western Surety Company

Surety


Attorney-in-Fact Lori McKimmy

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Donna S Martinez, Rod Lewis, Kenneth J Frick, Lori McKimmy, Individually

of Yakima, WA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of March, 2020.



WESTERN SURETY COMPANY

Paul T. Bruflat

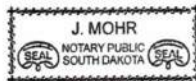
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 27th day of March, 2020, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr

J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 7th day of October, 2020.



WESTERN SURETY COMPANY

L. Nelson

L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.



Local Agency Name
Local Agency Address

Local Agency Subcontractor List

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Project Name Coyan Bridge Replacement

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 No electrical
Work to be performed

Subcontractor Name No plumbing
Work to be performed

Subcontractor Name No HVAC
Work to be performed

Subcontractor Name Reinforcing steel is Harcus Rebar
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.



Underutilized Disadvantaged Business Enterprise Utilization Certification

To be eligible for Award of this Contract the Bidder shall fill out and submit, as a supplement to its sealed Bid Proposal, an Underutilized Disadvantaged Business Enterprise (UDBE) Utilization Certification. The Contracting Agency shall consider as non-responsive and shall reject any Bid Proposal that does not contain a UDBE Utilization Certification which properly demonstrates that the Bidder will meet the UDBE participation requirements in one of the manners provided for in the proposed Contract. **Refer to the instructions on Page 2 when filling out this form or the Bid may be rejected. An example form has been provided on Page 3.** The successful Bidder's UDBE Utilization Certification shall be deemed a part of the resulting Contract.

Box 1: Apollo, Inc. certifies that the UDBE firms listed below have been contacted regarding participation on this project. If this Bidder is successful on this project and is awarded the Contract, it shall assure that subcontracts or supply agreements are executed with named UDBEs. (If necessary, use additional sheets.)

Box 2: CRP 617/Coyan Bridge #200-9.93 Replacement

Column 1 Name of UDBE (See instructions)	Column 2 Project Role (See instructions)	Column 3 Description of Work (See instructions)	Column 4 Dollar Amount Subcontracted to UDBE (See instructions)	Column 5 Dollar Amount to be Applied Towards Goal (See instructions)
Changing Directions	Subcontractor	Project Temporary Traffic Control including Construction Signs Class A	\$23,000.00	\$23,000.00

Underutilized Disadvantaged Business Enterprise Condition of Award Contract Goal 2% or \$22,458.98 Total UDBE Commitment Dollar Amount \$23,000.00
Box 3 Box 4

5 ☐ By checking Box 5 the Bidder is stating that their attempts to solicit sufficient UDBE participation to meet the COA Contract goal has been unsuccessful and good faith effort will be submitted in accordance with Section 1-02.9 of the Contract

Instructions for Underutilized 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 Underutilized Disadvantaged Business Enterprise (UDBE). UDBE Firms can be found using the search tools under the Firm Certification section of the Diversity Management and Compliance System web page <https://wsdot.diversitycompliance.com>. Repeat the name of the UDBE for each Project Role that will be performed.

Column 2: The Project Role that the UDBE 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 UDBE individually on a separate row(s). 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 the work to be performed by the UDBE. The work to be performed must be consistent with the Certified Business Description of the UDBE 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 UDBE 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 UDBE 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 UDBE 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 UDBE 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 UDBE 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.



Underutilized Disadvantaged Business Enterprise Utilization Certification

To be eligible for Award of this Contract the Bidder shall fill out and submit, as a supplement to its sealed Bid Proposal, an Underutilized Disadvantaged Business Enterprise (UDBE) Utilization Certification. The Contracting Agency shall consider as non-responsive and shall reject any Bid Proposal that does not contain a UDBE Utilization Certification which properly demonstrates that the Bidder will meet the UDBE participation requirements in one of the manners provided for in the proposed Contract. **Refer to the instructions on Page 2 when filling out this form or the Bid may be rejected. An example form has been provided on Page 3.** The successful Bidder's UDBE Utilization Certification shall be deemed a part of the resulting Contract.

Box 1: A Plus Construction Company certifies that the UDBE firms listed below have been contacted regarding participation on this project. If this Bidder is successful on this project and is awarded the Contract, it shall assure that subcontracts or supply agreements are executed with named UDBEs. (If necessary, use additional sheets.)

Box 2: US 395, Spokane City Limits to Stevens County Line - Paving and Safety

[illegible]

Underutilized Disadvantaged Business Enterprise Condition of Award Contract Goal	356,968.16	Total UDBE Commitment Dollar Amount	1,295,250
	Box 3		Box 4

5 ☐ By checking Box 5 the Bidder is stating that their attempts to solicit sufficient UDBE participation to meet the COA Contract goal has been unsuccessful and good faith effort will be submitted in accordance with Section 1-02.9 of the Contract



**Underutilized Disadvantaged Business
Enterprise (UDBE) Written
Confirmation Document**

*See Contract Provisions: UDBE Document Submittal Requirements
Disadvantaged Business Enterprise Participation*

THIS FORM SHALL ONLY BE SUBMITTED TO A UDBE THAT IS LISTED ON THE CONTRACTOR'S
UNDERUTILIZED DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION.
THE CONTRACTOR SHALL COMPLETE PART A PRIOR TO SENDING TO THE UDBE.

PART A: To be completed by the bidder

The entries below shall be consistent with what is shown on the Bidder's Underutilized Disadvantaged Business Enterprise Utilization Certification. Failure to do so will result in Bid rejection.

Contract Title: CRP 617/Coyan Bridge #200-9.93 Replacement

Bidder's Business Name: Apollo, Inc.

UDBE's Business Name: Changing Directions

Description of UDBE's Work: Project Temporary Traffic Control and Construction Signs Class A

Dollar Amount to be Applied Towards UDBE Goal: \$23,000.00

Dollar Amount to be Subcontracted to UDBE*: \$23,000.00
*Optional Field

PART B: To be completed by the Underutilized Disadvantaged Business Enterprise

As an authorized representative of the Underutilized 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): Carlene C. Yacinich

Signature: 

Title: Owner

Address: PO Box 288
14365 HWY 97A
Bentley, WA 98822

Date: 10/26/2020



Underutilized Disadvantaged Business Enterprise (UDBE) Bid Item Breakdown Form

1. Contract Number CRP 617, Bridge No. #200-9.93 Fed. Aid No. BROS-2011(049)		2. Contract Name Coyan Bridge	
3. Prime Contractor Apollo, Inc.		4. Prime Contractor Representative Name Brett Brown	
5. Prime Contractor Representative Phone Number 509-947-4309		6. Prime Contractor Representative Email brett.brown@apollo-gc.com	

Column 1 Name of UDBE (See Instructions)	Column 2 Bid Item # (See Instructions)	Column 3 Full/Partial (See Instructions)	Column 4 Quantity (See Instructions)	Column 5 Description (See Instructions)	Column 6 Unit Price (See Instructions)	Column 7 Total Unit Cost (See Instructions)	Column 8 Dollar Amount to be Applied Towards Goal (See Instructions)
Changing Directions	35	Complete	120	Construction Signs Class A	\$30.00	\$3,600.00	\$3,600.00
Changing Directions	36	Complete	1	Project Temp. Traffic Control	\$17,900.00	\$17,900.00	\$17,900.00
Changing Directions	1	Partial	1	Mobilization	\$1,500.00	\$1,500.00	\$1,500.00
Subtotal:						\$ 23,000.00	\$ 23,000.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:						\$ 0.00	\$ 0.00
TOTAL UDBE Dollar Amount:						\$ 0.00	\$ 0.00

Instructions for Underutilized Disadvantaged Business Enterprise (UDBE) 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 Underutilized Disadvantaged Business Enterprise (UDBE) Firm. UDBE 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 UDBE is performing only part of the bid item, mark "Partial". If the UDBE 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 UDBE.

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 UDBE goal. The work to be performed must be consistent with the Certified Business Description of the UDBE 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.



Underutilized Disadvantaged Business Enterprise (UDBE) Trucking Credit Form

PART A: TO BE COMPLETED BY THE BIDDER

This form is in support of the trucking commitment identified on the UDBE Utilization Certification Form submitted with the proposal. Please note that UDBE's must be certified prior to time of submittal.

Federal Aid # Bros-2011(049)	Contract # CRP 617 No. 200-9,93	Project Name Coyan Bridge
If listing items by hours, or by lump sum amounts, please provide calculations to substantiate the quantities listed.		
Bid Item	Item Description	
	N/A - No Trucking utilized	

Use additional sheets as necessary.

Bidder Apollo, Inc.	Name/Title (please print) Brett Brown/Project Manager
Phone 509-947-4309	Signature 
Fax 509-586-9202	
Address 1133 W. Columbia Drive Kennewick, WA 99338	I certify that the above information is complete and accurate.
Email brett.brown@apollo-gc.com	Date 10/26/2020

PART B: TO BE COMPLETED BY THE UDBE TRUCKING FIRM

Note: DBE/UDBE trucking firm participation may only be credited as DBE/UDBE 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.

1. Type of Material expected to be hauled? _____

2. Number of fully operational trucks
expected to be used on this project? _____

Tractor/trailers: _____ Dump trucks: _____

3. Number of trucks and trailers owned
by the UDBE that will be used on this
project? _____

Tractor/trailers: _____ Dump trucks: _____

4. Number of trucks and trailers leased
by the UDBE that will be used on this
project? _____

Tractor/trailers: _____ Dump trucks: _____

UDBE Firm Name	Name/Title (please print)
Certification Number	
Phone	Signature
Fax	
Address	I certify that the above information is complete and accurate.
Email	Date

Submit this form to DBEDOC@wsdot.wa.gov.

Instruction to Bidder: The Bidder shall complete and submit the Underutilized Disadvantaged Business Enterprise (UDBE) 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 UDBE 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 UDBE that will be used on the project.

Question 4: Specify the total number of operational trucks and trailers leased by the UDBE that will be used on the project.

UDBE Firm: In this section, provide the UDBE Firm's legal name, UDBE 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 UDBE Firm's representative signature is required in addition to the date the form was signed.



**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: Apollo, Inc.
Name of Contractor/Bidder - Print full legal entity name of firm

By: [Signature]
Signature of authorized person

Dario Haight
Print Name of person making certifications for firm

Title: V.P.
Title of person signing certificate

Place: Kennecook, WA
Print city and state where signed

Date: 10/26/2020

ATTENTION: ALL BIDDERS AND PLANHOLDERS

**FRANKLIN COUNTY, WASHINGTON
CRP 617 – COYAN BRIDGE #200-9.93 REPLACEMENT
BROS-2011(049) / RAP-1118-02**

ADDENDUM No 1

To the Wage Rates for this project are amended as follows:

This addendum will be incorporated into the contract when awarded and formally executed.

Bidders are to acknowledge receipt of this addendum in the space provided on the Bid Proposal. Failure to do so may subject bidder to disqualification.

WAGE RATES

FEDERAL WAGE RATES

- Delete WA180001 Modification 7 Federal Wage Determinations for Highway Construction from Addendum No. 1 in its entirety; and replace with the new attached *WA20200001 Modification 13 Federal Wage Determinations for Highway Construction dated 10/02/20.*


CRAIG ERDMAN, P.E.
FRANKLIN COUNTY ENGINEER


DATE

CONTRACT

CONTRACT

PUBLIC WORKS PAYMENT BOND

PUBLIC WORKS PERFORMANCE BOND

CONTRACT

THIS AGREEMENT, MADE AND ENTERED INTO THIS _____ day of _____, 2020 between the COUNTY OF FRANKLIN, acting through the BOARD OF COUNTY COMMISSIONERS, under and by virtue of Title 47 RCW as amended, and **APOLLO, INC**, hereinafter called the Contractor.

WITNESSETH, this in consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties hereto covenant and agree as follows:

- I. The Contractor shall do all work and furnish all tools, materials, and equipment for **CRP 617 – Cohan Bridge #200-9.93 Replacement**, in accordance with and as described in the attached plans and specifications and the Standard Specifications of the Washington State Department of Transportation, which are by this reference incorporated herein and made part hereof, and shall perform any changes in the work in accord with Contract Documents.

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

- II. The County of Franklin hereby promises and agrees with the Contractor to employ and does employ the Contractor to provide the materials and to do and cause to be done the above-described work, and to complete and finish the same in accord with the attached plans, specifications, and terms and conditions herein contained; and, hereby contracts to pay for the same according to the attached specifications and the schedule of unit or itemized prices at the time, in the manner, and upon the conditions provided for in this contract.
- III. The Contractor for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns does hereby agree to the full performance of all the covenants required of the Contractor in the contract.
- IV. It is further provided that no liability shall attach the County by reason of entering into this contract, except as expressly provided herein.

IN WITNESS WHEREOF, the Contractor has executed this instrument in the day and year first below written; and the board of County Commissioners has caused this instrument to be executed by and in the name of said County of Franklin the day and year first above written.

Executed by the Contractor:

11-9-20
Date
David Haight, V.P. Operations
Contractor

BOARD OF COUNTY COMMISSIONERS
Franklin County, Washington

Chair

Chair Pro Tem

Member

ATTEST:

Approved as to Form:

Deputy Prosecuting Attorney, Franklin County

PUBLIC WORKS PAYMENT BOND

to Franklin County, WA

Bond No. 30114910

Franklin County, Washington, (County) has awarded to Apollo, Inc. (Principal) a contract for the construction of the project designated as **CRP 617 – Coyan Bridge #200-9.93 Replacement**, in Franklin County, Washington (Contract), and said Principal is required under the terms of that Contract to furnish a payment bond in accord with Title 39.08 Revised Code of Washington (RCW) and (where applicable) 60.28 RCW.

The Principal, and Western Surety Company (Surety), a corporation organized under the laws of the State of SD and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the County, in the sum of One Million One Hundred Twenty Two Thousand Nine Hundred Forty Nine and 25/100 US Dollars (\$ 1,122,949.25) Total Contract Amount, subject to the provisions herein.

This statutory payment bond shall become null and void, if and when the Principal, its heirs, executors, administrators, successors, or assigns shall pay all persons in accordance with RCW Titles 60.28, 39.08, and 39.12 including all workers, laborers, mechanics, subcontractors, and material suppliers, and all persons who shall supply such contractor or subcontractor with provisions and supplies for the carrying on of such work, and all taxes incurred on said Contract under Title 50 and 51 RCW and all taxes imposed on the Principal under Title 82 RCW; and if such payment obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on this bond, except as provided herein, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

This bond may be executed in two (2) original counterparts, and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety.

PRINCIPAL Apollo, Inc.

SURETY Western Surety Company

Angie Haisch 11/6/20
Principal Signature Date

Lori McKimmy November 4, 2020
Surety Signature Date

Angie Haisch
Printed Name

Lori McKimmy

Printed Name

Corp Sec/CFO
Title

Attorney-in-Fact

Title

Name, address, and telephone of local office/agent of Surety Company is:

Kenneth J. Frick
112 South Fourth Street
Yakima, WA 98901
509-248-3515

PUBLIC WORKS PERFORMANCE BOND
to Franklin County, WA
Bond No. 30114910

Franklin County, Washington, (County) has awarded to Apollo, Inc. (Principal), a contract for the construction of the project designated as **CRP 617 – Cayan Bridge #200-9.93 Replacement**, in Franklin County, Washington (Contract), and said Principal is required to furnish a bond for performance of all obligations under the Contract.

The Principal, and Western Surety Company (Surety), a corporation organized under the laws of the State of SD and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the County, in the sum of One Million One Hundred Twenty Two Thousand Nine Hundred Forty Nine and 25/100 US Dollars (\$ 1,122,949.25) Total Contract Amount, subject to the provisions herein.

This statutory performance bond shall become null and void, if and when the Principal, its heirs, executors, administrators, successors, or assigns shall well and faithfully perform all of the Principal's obligations under the Contract and fulfill all the terms and conditions of all duly authorized modifications, additions, and changes to said Contract that may hereafter be made, at the time and in the manner therein specified; and if such performance obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on this bond, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

This bond may be executed in two (2) original counterparts, and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety.

PRINCIPAL Apollo, Inc.

Angie Harsch 11/6/20
Principal Signature Date

Corp Sec / CFO
Printed Name

Angie Harsch
Title

SURETY Western Surety Company

Lori McKimmy November 4, 2020
Surety Signature Date

Lori McKimmy
Printed Name

Attorney-in-Fact
Title

Name, address, and telephone of local office/agent of Surety Company is:

Kenneth J. Frick
112 South Fourth Street
Yakima, WA 98901
509-248-3515

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Donna S Martinez, Rod Lewis, Kenneth J Frick, Lori McKimmy, Individually

of Yakima, WA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of March, 2020.



WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

State of South Dakota
County of Minnehaha

} ss

On this 27th day of March, 2020, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 4th day of November, 2020.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

SPECIAL PROVISIONS

FRANKLIN COUNTY SPECIAL PROVISION

REQUIRED FEDERAL-AID CONTRACT PROVISIONS

1 FRANKLIN COUNTY
2 CRP 617 – COYAN BRIDGE #200-9.93
3 FED AID NO. BROS-2011(049)
4 STATE AID NO. RAP-1118-02

5 SPECIAL PROVISIONS

6
7 INTRODUCTION TO THE SPECIAL PROVISIONS

8
9 (*August 14, 2013 APWA GSP*)

10
11 The work on this project shall be accomplished in accordance with the *Standard Specifications*
12 *for Road, Bridge and Municipal Construction*, 2018 edition, as issued by the Washington State
13 Department of Transportation (WSDOT) and the American Public Works Association (APWA),
14 Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications,
15 as modified or supplemented by the Amendments to the Standard Specifications and these
16 Special Provisions, all of which are made a part of the Contract Documents, shall govern all of
17 the Work.

18
19 These Special Provisions are made up of both General Special Provisions (GSPs) from various
20 sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each
21 Provision either supplements, modifies, or replaces the comparable Standard Specification, or is
22 a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion of
23 the Standard Specifications is meant to pertain only to that particular portion of the section, and
24 in no way should it be interpreted that the balance of the section does not apply.

25
26 The project-specific Special Provisions are not labeled as such. The GSPs are labeled under
27 the headers of each GSP, with the effective date of the GSP and its source. For example:

28
29 (*March 8, 2013 APWA GSP*)
30 (*April 1, 2013 WSDOT GSP*)
31 (****** Agency Name GSP*)

32
33 Also incorporated into the Contract Documents by reference are:

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

38
39 Contractor shall obtain copies of these publications, at Contractor's own expense.
40

**DIVISION 1
GENERAL REQUIREMENTS**

Description of Work

(March 13, 1995, WSDOT GSP)

This Contract provides for the replacement of ***the Coyan Road Bridge over South Columbia Basin Irrigation District's Pothole East Canal. The new bridge will be in the same general footprint with a wider driving surface to meet current standards and functional requirements, increasing from 24' in width to 32' in width, containing two (2) 10' travel lanes and 6' shoulders. The bridge length is 100 feet between pavement seats and completely spans the existing earth canal. The project also includes installing guardrail, reconstruct approx. 1200' of roadway, HMA paving, *** and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01 DEFINITIONS AND TERMS

1-01.2(2), Items of Work and Units of Measurement

Section 1-01.2(2) is supplemented with the following:

The following items and the intended meaning are added:

BM.....	Bench Mark
BVC.....	Begin Vertical Curve
CDF.....	Controlled Density Fill
DI or DIP	Ductile Iron Pipe
DW	Drywell
EA.	Each
ELEV or EL....	Elevation
EVC.....	End Vertical Curve
EXIST.....	Existing
FH	Fire Hydrant
FL or FLG.....	Flange
INV.	Invert
LS.....	Landscaping
LT.....	Left
MH	Manhole
MJ	Mechanical Joint
NTS.....	Not to Scale
RT	Right
SD	Storm Drain
SS	Sanitary Sewer
SHT.....	Sheet
SW.	Sidewalk
TBM	Temporary Bench Mark
TYP.	Typical

1 **1-01.3 Definitions**

2 *(January 4, 2016 APWA GSP)*

3
4 Delete the heading **Completion Dates** and the three paragraphs that follow it, and replace them
5 with the following:
6

7 **Dates**

8 ***Bid Opening Date***

9 The date on which the Contracting Agency publicly opens and reads the Bids.

10 ***Award Date***

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

13 ***Contract Execution Date***

14 The date the Contracting Agency officially binds the Agency to the Contract.

15 ***Notice to Proceed Date***

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

17 ***Substantial Completion Date***

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

23 ***Physical Completion Date***

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

27 ***Completion Date***

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

32 ***Final Acceptance Date***

33 The date on which the Contracting Agency accepts the Work as complete.
34

35 Supplement this Section with the following:
36

37 All references in the Standard Specifications, Amendments, or WSDOT General Special
38 Provisions, to the terms "Department of Transportation", "Washington State Transportation
39 Commission", "Commission", "Secretary of Transportation", "Secretary", "Headquarters", and
40 "State Treasurer" shall be revised to read "Contracting Agency".
41

42 All references to the terms "State" or "state" shall be revised to read "Contracting Agency"
43 unless the reference is to an administrative agency of the State of Washington, a State statute
44 or regulation, or the context reasonably indicates otherwise.
45

46 All references to "State Materials Laboratory" shall be revised to read "Contracting Agency
47 designated location".

1
2 All references to “final contract voucher certification” shall be interpreted to mean the
3 Contracting Agency form(s) by which final payment is authorized, and final completion and
4 acceptance granted.

5
6 **Additive**

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

10
11 **Alternate**

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

15
16 **Business Day**

17 A business day is any day from Monday through Friday except holidays as listed in Section
18 1-08.5.

19
20 **Contract Bond**

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

24
25 **Contract Documents**

26 See definition for “Contract”.

27
28 **Contract Time**

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

31
32 **Notice of Award**

33 The written notice from the Contracting Agency to the successful Bidder signifying the
34 Contracting Agency's acceptance of the Bid Proposal.

35
36 **Notice to Proceed**

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

40
41 **Traffic**

42 Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
43 equestrian traffic.

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

1-02.1 Qualifications of Bidder

(January 24, 2011 APWA GSP)

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

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	4	Furnished automatically upon award.
Contract Provisions	2	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	0	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.

1-02.4 Examinations of Plans, Specifications, and Site of Work

(July 31, 2017 APWA GSP)

1-02.4(1) General

Section 1-02.4(1) is supplemented with the following:

(September 3, 2019 WSDOT GSP)

1 The Reference Information for this project is available for review by the bidder at the
2 following location:

3
4 *** http://www.co.franklin.wa.us/publicworks/construction_projects.php ***

5
6 The Reference Information includes the following:

7
8 *** Geotechnical Report for CRP 617 – Coyan Bridge #200-9.93 ***

9 *** Existing Coyan Bridge Plans – Potholes East Canal Sta. 1365+28 ***

10 *** Notice of Intent – Construction Stormwater General Permit Application ***

11
12
13 **1-02.5 Proposal Forms**
14 *(July 31, 2017 APWA GSP)*

15
16 Delete this section and replace it with the following:

17
18 The Proposal Form will identify the project and its location and describe the work. It will also
19 list estimated quantities, units of measurement, the items of work, and the materials to be
20 furnished at the unit bid prices. The bidder shall complete spaces on the proposal form that
21 call for, but are not limited to, unit prices; extensions; summations; the total bid amount;
22 signatures; date; and, where applicable, retail sales taxes and acknowledgment of addenda;
23 the bidder's name, address, telephone number, and signature; the bidder's
24 UDBE/DBE/M/WBE commitment, if applicable; a State of Washington Contractor's
25 Registration Number; and a Business License Number, if applicable. Bids shall be completed
26 by typing or shall be printed in ink by hand, preferably in black ink. The required certifications
27 are included as part of the Proposal Form.

28
29 The Contracting Agency reserves the right to arrange the proposal forms with alternates and
30 additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all
31 alternates and additives set forth in the Proposal Form unless otherwise specified.

32
33
34 **1-02.6 Preparation of Proposal**
35 *(May 28, 2020 APWA GSP)*

36
37 Supplement this section with the following:

38
39 The Bidder shall submit with the Bid a completed Underutilized Disadvantaged Business
40 Enterprise (UDBE) Utilization Certification, when required by the Special Provisions. For
41 each and every UDBE firm listed on the Bidder's completed Underutilized Disadvantaged
42 Business Enterprise Utilization Certification, the Bidder shall submit written confirmation from
43 that UDBE firm that the UDBE is in agreement with the UDBE participation commitment that
44 the Bidder has made in the Bidder's completed Underutilized Disadvantaged Business
45 Enterprise Utilization Certification.

46
47 WSDOT Form 422 031U (Underutilized Disadvantaged Business Enterprise Written
48 Confirmation Document) is to be used for this purpose. Bidder must submit good faith effort

documentation only in the event the bidder's efforts to solicit sufficient UDBE participation have been unsuccessful.

The Bidder shall submit a UDBE Bid Item Breakdown form defining the scope of work to be performed by each UDBE listed on the UDBE Utilization Certification.

If the Bidder lists a UDBE Trucking firm on the UDBE Utilization Certification, then the Bidder must also submit a UDBE Trucking Credit Form (WSDOT Form 272-058) documenting how the UDBE Trucking firm will be able to perform the scope of work subcontracted to them.

Directions for delivery of the Underutilized Disadvantaged Business Enterprise Written Confirmation Documents, Underutilized Disadvantaged Business Enterprise Good Faith Effort documentation, UDBE Bid Item Breakdown Form and the UDBE Trucking Credit Form are included in Section 1-02.9.

(July 11, 2018 APWA GSP)

Supplement the second paragraph with the following:

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

Delete the last two paragraphs, and replace them with the following:

If no Subcontractor is listed, the Bidder acknowledges that it does not intend to use any Subcontractor to perform those items of work.

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.

1 **1-02.7 Bid Deposit**

2 *(March 8, 2013 APWA GSP)*

3
4 Supplement this section with the following:

5
6 Bid bonds shall contain the following:

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

17
18 If so stated in the Contract Provisions, bidder must use the bond form included in the Contract

19 Provisions.

20
21 If so stated in the Contract Provisions, cash will not be accepted for a bid deposit

22
23 **11-02.9 Delivery of Proposal**

24 *(December 19, 2019 APWA GSP Option B)*

25
26 Delete this section and replace it with the following:

27
28 Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project

29 Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as

30 otherwise required in the Bid Documents, to ensure proper handling and delivery.

31
32 To be considered responsive on a FHWA-funded project, the Bidder may be required to

33 submit the following items, as required by Section 1-02.6:

- 34
35 • UDBE Written Confirmation Document from each UDBE firm listed on the Bidder's
- 36 completed UDBE Utilization Certification (WSDOT 7-056U);
- 37 • Good Faith Effort (GFE) Documentation
- 38 • UDBE Bid Item Breakdown (WSDOT 272-054)
- 39 • UDBE Trucking Credit Form (WSDOT 272-058)

40
41 These documents, if applicable, shall be received either with the Bid Proposal or as a

42 Supplement to the Bid. The documents shall be received **no later than 48 hours** (not

43 including Saturdays, Sundays and Holidays) after the time for delivery of the Bid Proposal.

44
45 If submitted after the Bid Proposal is due, the document(s) shall be submitted as follows:

46

1. In a sealed envelope labeled the same as for the Proposal, with "Supplemental Information" added, or
2. By facsimile to the following FAX number: 1-509-545-2133, or
3. By e-mail to the following e-mail address: kneuman@co.franklin.wa.us

All other information required to be submitted with the Bid Proposal must be submitted with the Bid Proposal itself, at the time stated in the Call for Bids.

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" (UDBE 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.

1-02.10 Withdrawing, Revising, or Supplementing Proposal *(July 23, 2015 APWA GSP)*

Delete this section, 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.

1-02.13 Irregular Proposals
(December 19, 2019 APWA GSP)

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, if applicable, as required in Section 1-02.6;
 - h. The Bidder fails to submit or properly complete an Underutilized Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
 - i. The Bidder fails to submit written confirmation from each UDBE firm listed on the Bidder's completed UDBE Utilization Certification that they are in agreement with the bidder's UDBE 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 UDBE 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 UDBE Bid Item Breakdown form, 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 UDBE Trucking Credit Forms, 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.

1 **1-02.14 Disqualification of Bidders**

2 *(May 17, 2018 APWA GSP, Option A)*

3
4 Delete this section and replace it with the following:

5
6 A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder
7 responsibility criteria in RCW 39.04.350(1), as amended.

8
9 The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility
10 criteria in RCW 39.04.350(1). To assess bidder responsibility, the Contracting Agency
11 reserves the right to request documentation as needed from the Bidder and third parties
12 concerning the Bidder's compliance with the mandatory bidder responsibility criteria.

13
14 If the Contracting Agency determines the Bidder does not meet the mandatory bidder
15 responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the
16 Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If
17 the Bidder disagrees with this determination, it may appeal the determination within two (2)
18 business days of the Contracting Agency's determination by presenting its appeal and any
19 additional information to the Contracting Agency. The Contracting Agency will consider the
20 appeal and any additional information before issuing its final determination. If the final
21 determination affirms that the Bidder is not responsible, the Contracting Agency will not
22 execute a contract with any other Bidder until at least two business days after the Bidder
23 determined to be not responsible has received the Contracting Agency's final determination.

24
25 **1-02.15 Pre Award Information**

26 *(August 14, 2013 APWA GSP)*

27
28 Revise this section to read:

29
30 Before awarding any contract, the Contracting Agency may require one or more of these items
31 or actions of the apparent lowest responsible bidder:

- 32 1. A complete statement of the origin, composition, and manufacture of any or all materials
33 to be used,
34 2. Samples of these materials for quality and fitness tests,
35 3. A progress schedule (in a form the Contracting Agency requires) showing the order of and
36 time required for the various phases of the work,
37 4. A breakdown of costs assigned to any bid item,
38 5. Attendance at a conference with the Engineer or representatives of the Engineer,
39 6. Obtain, and furnish a copy of, a business license to do business in the city or county where
40 the work is located.
41 7. Any other information or action taken that is deemed necessary to ensure that the bidder
42 is the lowest responsible bidder.
43

1 **1-03 AWARD AND EXECUTION OF CONTRACT**

2
3 **1-03.1 Consideration of Bids**

4 *(January 23, 2006 APWA GSP)*

5
6 Revise the first paragraph to read:

7
8 After opening and reading proposals, the Contracting Agency will check them for correctness
9 of extensions of the prices per unit and the total price. If a discrepancy exists between the
10 price per unit and the extended amount of any bid item, the price per unit will control. If a
11 minimum bid amount has been established for any item and the bidder's unit or lump sum
12 price is less than the minimum specified amount, the Contracting Agency will unilaterally
13 revise the unit or lump sum price, to the minimum specified amount and recalculate the
14 extension. The total of extensions, corrected where necessary, including sales taxes where
15 applicable and such additives and/or alternates as selected by the Contracting Agency, will
16 be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price
17 amount and the amount of the contract bond.

18
19 **1-03.3 Execution of Contract**

20 *(October 1, 2005 APWA GSP)*

21
22 Revise this section to read:

23
24 Copies of the Contract Provisions, including the unsigned Form of Contract, will be available
25 for signature by the successful bidder on the first business day following award. The number
26 of copies to be executed by the Contractor will be determined by the Contracting Agency.

27
28 Within **10** calendar days after the award date, the successful bidder shall return the signed
29 Contracting Agency-prepared contract, an insurance certification as required by Section 1-
30 07.18, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the
31 contract by the Contracting Agency, the successful bidder shall provide any pre-award
32 information the Contracting Agency may require under Section 1-02.15.

33
34 Until the Contracting Agency executes a contract, no proposal shall bind the Contracting
35 Agency nor shall any work begin within the project limits or within Contracting Agency-
36 furnished sites. The Contractor shall bear all risks for any work begun outside such areas and
37 for any materials ordered before the contract is executed by the Contracting Agency.

38
39 If the bidder experiences circumstances beyond their control that prevents return of the
40 contract documents within **10** calendar days after the award date stated above, the
41 Contracting Agency may grant up to a maximum of **5** additional calendar days for return of
42 the documents, provided the Contracting Agency deems the circumstances warrant it.

43
44 **1-03.4 Contract Bond**

45 *(July 23, 2015 APWA GSP)*

46
47 Delete the first paragraph and replace it with the following:

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

- 5 1. Be on Contracting Agency-furnished form(s);
- 6 2. Be signed by an approved surety (or sureties) that:
 - 7 a. Is registered with the Washington State Insurance Commissioner, and
 - 8 b. Appears on the current Authorized Insurance List in the State of Washington published
 - 9 by the Office of the Insurance Commissioner,
- 10 3. Guarantee that the Contractor will perform and comply with all obligations, duties, and
- 11 conditions under the Contract, including but not limited to the duty and obligation to
- 12 indemnify, defend, and protect the Contracting Agency against all losses and claims
- 13 related directly or indirectly from any failure:
 - 14 a. Of the Contractor (or any of the employees, subcontractors, or lower tier
 - 15 subcontractors of the Contractor) to faithfully perform and comply with all contract
 - 16 obligations, conditions, and duties, or
 - 17 b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor)
 - 18 to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material
 - 19 person, or any other person who provides supplies or provisions for carrying out the
 - 20 work;
- 21 4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the
- 22 project under titles 50, 51, and 82 RCW; and
- 23 5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the
- 24 bond; and
- 25 6. Be signed by an officer of the Contractor empowered to sign official statements (sole
- 26 proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the
- 27 president or vice president, unless accompanied by written proof of the authority of the
- 28 individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of
- 29 attorney, or a letter to such effect signed by the president or vice president).

30 **1-03.7 Judicial Review**

31 *(November 30, 2018 APWA GSP)*

32
33
34 Revise this section to read:

35
36 Any decision made by the Contracting Agency regarding the Award and execution of the
37 Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted
38 under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the
39 county where the Contracting Agency headquarters is located, provided that where an
40 action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

41 **1-04 SCOPE OF WORK**

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

3 *(March 13, 2012 APWA GSP)*

4
5 Revise the second paragraph to read:

6
7 Any inconsistency in the parts of the contract shall be resolved by following this order of
8 precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

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

17
18 **1-05 CONTROL OF WORK**

19
20 **1-05.7 Removal of Defective and Unauthorized Work**

21 *(October 1, 2005 APWA GSP)*

22
23 Supplement this section with the following:

24
25 If the Contractor fails to remedy defective or unauthorized work within the time specified in a
26 written notice from the Engineer, or fails to perform any part of the work required by the
27 Contract Documents, the Engineer may correct and remedy such work as may be identified
28 in the written notice, with Contracting Agency forces or by such other means as the
29 Contracting Agency may deem necessary.

30
31 If the Contractor fails to comply with a written order to remedy what the Engineer determines
32 to be an emergency situation, the Engineer may have the defective and unauthorized work
33 corrected immediately, have the rejected work removed and replaced, or have work the
34 Contractor refuses to perform completed by using Contracting Agency or other forces. An
35 emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy
36 could be potentially unsafe, or might cause serious risk of loss or damage to the public.

37
38 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and
39 remedying defective or unauthorized work, or work the Contractor failed or refused to perform,
40 shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due,
41 or to become due, the Contractor. Such direct and indirect costs shall include in particular, but
42 without limitation, compensation for additional professional services required, and costs for
43 repair and replacement of work of others destroyed or damaged by correction, removal, or
44 replacement of the Contractor's unauthorized work.

45
46 No adjustment in contract time or compensation will be allowed because of the delay in the
47 performance of the work attributable to the exercise of the Contracting Agency's rights
48 provided by this Section.

1
2 The rights exercised under the provisions of this section shall not diminish the Contracting
3 Agency's right to pursue any other avenue for additional remedy or damages with respect to
4 the Contractor's failure to perform the work as required.

5 6 **1-05.11 Final Inspection**

7
8 Delete this section and replace it with the following:

9 10 **1-05.11 Final Inspections and Operational Testing** 11 *(October 1, 2005 APWA GSP)*

12 13 **1-05.11(1) Substantial Completion Date**

14
15 When the Contractor considers the work to be substantially complete, the Contractor shall so
16 notify the Engineer and request the Engineer establish the Substantial Completion Date. The
17 Contractor's request shall list the specific items of work that remain to be completed in order
18 to reach physical completion. The Engineer will schedule an inspection of the work with the
19 Contractor to determine the status of completion. The Engineer may also establish the
20 Substantial Completion Date unilaterally.

21
22 If, after this inspection, the Engineer concurs with the Contractor that the work is substantially
23 complete and ready for its intended use, the Engineer, by written notice to the Contractor, will
24 set the Substantial Completion Date. If, after this inspection the Engineer does not consider
25 the work substantially complete and ready for its intended use, the Engineer will, by written
26 notice, so notify the Contractor giving the reasons therefore.

27
28 Upon receipt of written notice concurring in or denying substantial completion, whichever is
29 applicable, the Contractor shall pursue vigorously, diligently and without unauthorized
30 interruption, the work necessary to reach Substantial and Physical Completion. The
31 Contractor shall provide the Engineer with a revised schedule indicating when the Contractor
32 expects to reach substantial and physical completion of the work.

33
34 The above process shall be repeated until the Engineer establishes the Substantial
35 Completion Date and the Contractor considers the work physically complete and ready for
36 final inspection.

37 38 **1-05.11(2) Final Inspection and Physical Completion Date**

39
40 When the Contractor considers the work physically complete and ready for final inspection,
41 the Contractor by written notice, shall request the Engineer to schedule a final inspection. The
42 Engineer will set a date for final inspection. The Engineer and the Contractor will then make
43 a final inspection and the Engineer will notify the Contractor in writing of all particulars in which
44 the final inspection reveals the work incomplete or unacceptable. The Contractor shall
45 immediately take such corrective measures as are necessary to remedy the listed
46 deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption
47 until physical completion of the listed deficiencies. This process will continue until the Engineer
48 is satisfied the listed deficiencies have been corrected.

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

4 The Contractor will not be allowed an extension of contract time because of a delay in the
5 performance of the work attributable to the exercise of the Engineer's right hereunder.
6

7 Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting
8 Agency, in writing, of the date upon which the work was considered physically complete. That
9 date shall constitute the Physical Completion Date of the contract, but shall not imply
10 acceptance of the work or that all the obligations of the Contractor under the contract have
11 been fulfilled.
12

13 **1-05.11(3) Operational Testing**

14

15 It is the intent of the Contracting Agency to have at the Physical Completion Date a complete
16 and operable system. Therefore, when the work involves the installation of machinery or other
17 mechanical equipment; street lighting, electrical distribution or signal systems; irrigation
18 systems; buildings; or other similar work it may be desirable for the Engineer to have the
19 Contractor operate and test the work for a period of time after final inspection but prior to the
20 physical completion date. Whenever items of work are listed in the Contract Provisions for
21 operational testing they shall be fully tested under operating conditions for the time period
22 specified to ensure their acceptability prior to the Physical Completion Date. During and
23 following the test period, the Contractor shall correct any items of workmanship, materials, or
24 equipment which prove faulty, or that are not in first class operating condition. Equipment,
25 electrical controls, meters, or other devices and equipment to be tested during this period shall
26 be tested under the observation of the Engineer, so that the Engineer may determine their
27 suitability for the purpose for which they were installed. The Physical Completion Date cannot
28 be established until testing and corrections have been completed to the satisfaction of the
29 Engineer.
30

31 The costs for power, gas, labor, material, supplies, and everything else needed to successfully
32 complete operational testing, shall be included in the unit contract prices related to the system
33 being tested, unless specifically set forth otherwise in the proposal.
34

35 Operational and test periods, when required by the Engineer, shall not affect a manufacturer's
36 guaranties or warranties furnished under the terms of the contract.
37

38 **1-05.13 Superintendents, Labor and Equipment of Contractor** 39 *(August 14, 2013 APWA GSP)*

40

41 Delete the sixth and seventh paragraphs of this section.
42

43 **1-05.15 Method of Serving Notices** 44 *(March 25, 2009 APWA GSP)*

45 Revise the second paragraph to read:
46

47 All correspondence from the Contractor shall be directed to the Project Engineer. All
48 correspondence from the Contractor constituting any notification, notice of protest, notice of

1 dispute, or other correspondence constituting notification required to be furnished under the
2 Contract, must be in paper format, hand delivered or sent via mail delivery service to the
3 Project Engineer's office. Electronic copies such as e-mails or electronically delivered copies
4 of correspondence will not constitute such notice and will not comply with the requirements of
5 the Contract.
6

7 Add the following new section:
8

9 **1-05.16 Water and Power**
10 *(October 1, 2005 APWA GSP)*
11

12 The Contractor shall make necessary arrangements, and shall bear the costs for power and
13 water necessary for the performance of the work, unless the contract includes power and
14 water as a pay item.
15

16 Add the following new section:
17

18 **1-05.18 Record Drawings**
19 *(March 8, 2013 APWA GSP)*
20

21 The Contractor shall maintain one set of full size plans for Record Drawings, updated with
22 clear and accurate red-lined field revisions on a daily basis, and within 2 business days after
23 receipt of information that a change in Work has occurred. The Contractor shall not conceal
24 any work until the required information is recorded.
25

26 This Record Drawing set shall be used for this purpose alone, shall be kept separate from
27 other Plan sheets, and shall be clearly marked as Record Drawings. These Record Drawings
28 shall be kept on site at the Contractor's field office, and shall be available for review by the
29 Contracting Agency at all times. The Contractor shall bring the Record Drawings to each
30 progress meeting for review.
31

32 The preparation and upkeep of the Record Drawings is to be the assigned responsibility of a
33 single, experienced, and qualified individual. The quality of the Record Drawings, in terms of
34 accuracy, clarity, and completeness, is to be adequate to allow the Contracting Agency to
35 modify the computer-aided drafting (CAD) Contract Drawings to produce a complete set of
36 Record Drawings for the Contracting Agency without further investigative effort by the
37 Contracting Agency.
38

39 The Record Drawing markups shall document all changes in the Work, both concealed and
40 visible. Items that must be shown on the markups include but are not limited to:
41

- 42 • Actual dimensions, arrangement, and materials used when different than shown in the
43 Plans.
- 44 • Changes made by Change Order or Field Order.
- 45 • Changes made by the Contractor.
- 46 • Accurate locations of storm sewer, sanitary sewer, water mains and other water
47 appurtenances, structures, conduits, light standards, vaults, width of roadways,
48 sidewalks, landscaping areas, building footprints, channelization and pavement
49 markings, etc. Include pipe invert elevations, top of castings (manholes, inlets, etc.).

1
2 If the Contract calls for the Contracting Agency to do all surveying and staking, the Contracting
3 Agency will provide the elevations at the tolerances the Contracting Agency requires for the
4 Record Drawings.

5
6 When the Contract calls for the Contractor to do the surveying/staking, the applicable
7 tolerance limits include, but are not limited to the following:

	Vertical	Horizontal
As-built sanitary & storm invert and grate elevations	± 0.01 foot	± 0.01 foot
As-built monumentation	± 0.001 foot	± 0.001 foot
As-built waterlines, inverts, valves, hydrants	± 0.10 foot	± 0.10 foot
As-built ponds/swales/water features	± 0.10 foot	± 0.10 foot
As-built buildings (fin. Floor elev.)	± 0.01 foot	± 0.10 foot
As-built gas lines, power, TV, Tel, Com	± 0.10 foot	± 0.10 foot
As-built signs, signals, etc.	N/A	± 0.10 foot

8
9 Making Entries on the Record Drawings:

- 10
- 11 • Use erasable colored pencil (not ink) for all markings on the Record Drawings,
12 conforming to the following color code:
 - 13 • Additions - Red
 - 14 • Deletions - Green
 - 15 • Comments - Blue
 - 16 • Dimensions - Graphite
 - 17 • Provide the applicable reference for all entries, such as the change order number, the
18 request for information (RFI) number, or the approved shop drawing number.
 - 19 • Date all entries.
 - 20 • Clearly identify all items in the entry with notes similar to those in the Contract Drawings
21 (such as pipe symbols, centerline elevations, materials, pipe joint abbreviations, etc.).
22

23 The Contractor shall certify on the Record Drawings that said drawings are an accurate
24 depiction of built conditions, and in conformance with the requirements detailed above. The
25 Contractor shall submit final Record Drawings to the Contracting Agency. Contracting Agency
26 acceptance of the Record Drawings is one of the requirements for achieving Physical
27 Completion.
28

29 Payment will be made for the following bid item:
30

Record (Minimum Bid \$ 1000)	Drawings	Lump Sum
---------------------------------	----------	----------

31
32 Payment for this item will be made on a prorated monthly basis for work completed in
33 accordance with this section up to 75% of the lump sum bid. The final 25% of the lump sum

1 item will be paid upon submittal and approval of the completed Record Drawings set prepared
2 in conformance with these Special Provisions.

3
4 A minimum bid amount has been entered in the Bid Proposal for this item. The Contractor
5 must bid at least that amount.

6 7 **1-06 CONTROL OF MATERIALS**

8
9 Section 1-06 is supplemented with the following:

10 11 ***Buy America***

12
13 *(August 6, 2012 WSDOT GSP)*

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

19
20 Minor amounts of foreign steel and iron may be utilized in this project provided the cost of
21 the foreign material used does not exceed one-tenth of one percent of the total contract cost
22 or \$2,500.00, whichever is greater.

23
24 American-made material is defined as material having all manufacturing processes occurring
25 domestically. To further define the coverage, a domestic product is a manufactured steel
26 material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or
27 in the territories and possessions of the United States.

28
29 If domestically produced steel billets or iron ingots are exported outside of the area of
30 coverage, as defined above, for any manufacturing process then the resulting product does
31 not conform to the Buy America requirements. Additionally, products manufactured
32 domestically from foreign source steel billets or iron ingots do not conform to the Buy America
33 requirements because the initial melting and mixing of alloys to create the material occurred
34 in a foreign country.

35
36 Manufacturing begins with the initial melting and mixing, and continues through the coating
37 stage. Any process which modifies the chemical content, the physical size or shape, or the
38 final finish is considered a manufacturing process. The processes include rolling, extruding,
39 machining, bending, grinding, drilling, welding, and coating. The action of applying a coating
40 to steel or iron is deemed a manufacturing process. Coating includes epoxy coating,
41 galvanizing, aluminizing, painting, and any other coating that protects or enhances the value
42 of steel or iron. Any process from the original reduction from ore to the finished product
43 constitutes a manufacturing process for iron.

44
45 Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and
46 alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron
47 ore.

48
49 The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:
 - a. Open hearth furnace.
 - b. Basic oxygen.
 - c. Electric furnace.
 - d. Direct reduction.
2. Rolling, heat treating, and any other similar processing.
3. Fabrication of the products.
 - a. Spinning wire into cable or strand.
 - b. Corrugating and rolling into culverts.
 - c. Shop fabrication.

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

1-06.6 Recycled Materials (January 4, 2016 APWA GSP)

Delete this section, 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.

1
2 **1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

3
4 **1-07.1 Laws to be Observed**

5 *(October 1, 2005 APWA GSP)*

6
7 Supplement this section with the following:

8
9 In cases of conflict between different safety regulations, the more stringent regulation shall
10 apply.

11
12 The Washington State Department of Labor and Industries shall be the sole and paramount
13 administrative agency responsible for the administration of the provisions of the Washington
14 Industrial Safety and Health Act of 1973 (WISHA).

15
16 The Contractor shall maintain at the project site office, or other well known place at the project
17 site, all articles necessary for providing first aid to the injured. The Contractor shall establish,
18 publish, and make known to all employees, procedures for ensuring immediate removal to a
19 hospital, or doctor's care, persons, including employees, who may have been injured on the
20 project site. Employees should not be permitted to work on the project site before the
21 Contractor has established and made known procedures for removal of injured persons to a
22 hospital or a doctor's care.

23
24 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the
25 Contractor's plant, appliances, and methods, and for any damage or injury resulting from their
26 failure, or improper maintenance, use, or operation. The Contractor shall be solely and
27 completely responsible for the conditions of the project site, including safety for all persons
28 and property in the performance of the work. This requirement shall apply continuously, and
29 not be limited to normal working hours. The required or implied duty of the Engineer to
30 conduct construction review of the Contractor's performance does not, and shall not, be
31 intended to include review and adequacy of the Contractor's safety measures in, on, or near
32 the project site.

33
34 Supplement this section with the following:

35 *(May 13, 2020 WSDOT GSP)*

36
37 In response to COVID-19, the Contractor shall prepare a project specific COVID-19 health
38 and safety plan (CHSP) in conformance with Section 1-07.4(2) as supplemented in these
39 specifications, COVID-19 Health and Safety Plan (CHSP).

40
41 **1-07.2 State Taxes**

42
43 Delete this section, including its sub-sections, in its entirety and replace it with the following:

44
45 **1-07.2 State Sales Tax**

46 *(June 27, 2011 APWA GSP)*

47
48 The Washington State Department of Revenue has issued special rules on the State sales
49 tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor

1 should contact the Washington State Department of Revenue for answers to questions in this
2 area. The Contracting Agency will not adjust its payment if the Contractor bases a bid on a
3 misunderstood tax liability.
4

5 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
6 amounts. In some cases, however, state retail sales tax will not be included. Section 1-
7 07.2(2) describes this exception.
8

9 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a
10 FHWA-funded Project) only if the Contractor has obtained from the Washington State
11 Department of Revenue a certificate showing that all contract-related taxes have been paid
12 (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor
13 any amount the Contractor may owe the Washington State Department of Revenue, whether
14 the amount owed relates to this contract or not. Any amount so deducted will be paid into the
15 proper State fund.
16

17 **1-07.2(1) State Sales Tax — Rule 171** 18

19 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets,
20 roads, etc., which are owned by a municipal corporation, or political subdivision of the state,
21 or by the United States, and which are used primarily for foot or vehicular traffic. This includes
22 storm or combined sewer systems within and included as a part of the street or road drainage
23 system and power lines when such are part of the roadway lighting system. For work
24 performed in such cases, the Contractor shall include Washington State Retail Sales Taxes
25 in the various unit bid item prices, or other contract amounts, including those that the
26 Contractor pays on the purchase of the materials, equipment, or supplies used or consumed
27 in doing the work.
28

29 **1-07.2(2) State Sales Tax — Rule 170** 30

31 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or
32 existing buildings, or other structures, upon real property. This includes, but is not limited to,
33 the construction of streets, roads, highways, etc., owned by the state of Washington; water
34 mains and their appurtenances; sanitary sewers and sewage disposal systems unless such
35 sewers and disposal systems are within, and a part of, a street or road drainage system;
36 telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above
37 streets or roads, unless such power lines become a part of a street or road lighting system;
38 and installing or attaching of any article of tangible personal property in or to real property,
39 whether or not such personal property becomes a part of the realty by virtue of installation.
40

41 For work performed in such cases, the Contractor shall collect from the Contracting Agency,
42 retail sales tax on the full contract price. The Contracting Agency will automatically add this
43 sales tax to each payment to the Contractor. For this reason, the Contractor shall not include
44 the retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule
45 170, with the following exception.
46

47 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or
48 a subcontractor makes on the purchase or rental of tools, machinery, equipment, or

consumable supplies not integrated into the project. Such sales taxes shall be included in the unit bid item prices or in any other contract amount.

1-07.2(3) Services

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

1-07.4 Sanitation

Health Hazards

Section 1-07.4(2) is revised to read:
(May 13, 2020 WSDOT GSP)

COVID-19 Health and Safety Plan (CHSP)

The Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP). The CHSP shall be prepared and submitted as a Type 2 Working Drawing prior to beginning physical Work. The CHSP shall be based on the most current State and Federal requirements. If the State or Federal requirements are revised, the CHSP shall be updated as necessary to conform to the current requirements.

The Contractor shall update and resubmit the CHSP as the work progresses and new activities appear on the look ahead schedule required under Section 1-08.3(2)D. If the conditions change on the project, or a particular activity, the Contractor shall update and resubmit the CHSP. Work on any activity shall cease if conditions prevent full compliance with the CHSP.

The CHSP shall address the health and safety of all people associated with the project including State workers in the field, Contractor personnel, consultants, project staff, subcontractors, suppliers and anyone on the project site, staging areas, or yards.

COVID-19 Health and Safety Plan (CHSP) Inspection

The Contractor shall grant full and unrestricted access to the Engineer for CHSP Inspections. The Engineer (or designee) will conduct periodic compliance inspections on the project site, staging areas, or yards to verify that any ongoing work activity is following the CHSP plan. If the Engineer becomes aware of a noncompliance incident either through a site inspection or other means, the Contractor will be notified immediately (within 1 hour). The Contractor shall immediately remedy the noncompliance incident or suspend all or part of the associated work activity. The Contractor shall satisfy the Engineer that the noncompliance incident has been corrected before the suspension will end.

1-07.6 Permits And Licenses

Section 1-07.6 is supplemented with the following:

(January 2, 2018 WSDOT GSP)

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.

***** Construction Stormwater General Permit *****

1-07.9 Wages

1-07.9(1) General

Section 1-07.9 is supplemented with the following:

(January 6, 2020 WSDOT GSP)

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. WA20200001.

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

1-07.9(5) Required Documents

Delete this section and replace it with the following:

General

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 the State L&I online Prevailing Wage Intent & Affidavit (PWIA) system.

Intent and Affidavits

On forms provided by the Industrial Statistician of State L&I, the Contractor shall submit to the Engineer the following for themselves and for each firm covered under RCW 39.12 that will or has provided Work and materials for the Contract:

1. The approved "Statement of Intent to Pay Prevailing Wages" State L&I's form number F700-029-000. The Contracting Agency will make no payment under this Contract until this statement has been approved by State L&I and reviewed by the Engineer.
2. The approved "Affidavit of Prevailing Wages Paid", State L&I's form number F700-007-000. The Contracting Agency will not grant Completion until all approved Affidavit of Wages paid for the Contractor and all Subcontractors have been received by the Engineer. The Contracting Agency will not release to the Contractor any funds retained

under RCW 60.28.011 until "Affidavit of Prevailing Wages Paid" forms have been approved by State L&I and all of the approved forms have been submitted to the Engineer for every firm that worked on the Contract.

The Contractor is responsible for requesting these forms from State L&I and for paying any fees required by State L&I.

Certified Payrolls

Certified payrolls are required to be submitted by the Contractor for themselves, all Subcontractors and all lower tier subcontractors. The payrolls shall be submitted weekly on all Federal-aid projects and no less than monthly on State funded projects.

Penalties for Noncompliance

The Contractor is advised, if these payrolls are not supplied within the prescribed deadlines, any or all payments may be withheld until compliance is achieved. In addition, failure to provide these payrolls may result in other sanctions as provided by State laws (RCW 39.12.050) and/or Federal regulations (29 CFR 5.12).

1-07.11 Requirements for Nondiscrimination

Section 1-07.11 is supplemented with the following:

(September 3, 2019 WSDOT GSP)

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%

Minorities - by Standard Metropolitan Statistical Area (SMSA)

Spokane, WA:

SMSA Counties:

Spokane, WA

WA Spokane.

Non-SMSA Counties

WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA
Lincoln, WA Pend Oreille; WA Stevens; WA Whitman.

1	Richland, WA	
2	SMSA Counties:	
3	Richland Kennewick, WA	5.4
4	WA Benton; WA Franklin.	
5	Non-SMSA Counties	3.6
6	WA Walla Walla.	
7		
8	Yakima, WA:	
9	SMSA Counties:	
10	Yakima, WA	9.7
11	WA Yakima.	
12	Non-SMSA Counties	7.2
13	WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	
14		
15	Seattle, WA:	
16	SMSA Counties:	
17	Seattle Everett, WA	7.2
18	WA King; WA Snohomish.	
19	Tacoma, WA	6.2
20	WA Pierce.	
21	Non-SMSA Counties	6.1
22	WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap;	
23	WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA	
24	Thurston; WA Whatcom.	
25		
26	Portland, OR:	
27	SMSA Counties:	
28	Portland, OR-WA	4.5
29	WA Clark.	
30	Non-SMSA Counties	3.8
31	WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	
32		

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 timetables 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.

- 1
- 2 3. The Contractor shall provide written notification to the Office of Federal Contract
- 3 Compliance Programs (OFCCP) within 10 working days of award of any construction
- 4 subcontract in excess of \$10,000 or more that are Federally funded, at any tier for
- 5 construction work under the contract resulting from this solicitation. The notification shall
- 6 list the name, address and telephone number of the Subcontractor; employer
- 7 identification number of the Subcontractor; estimated dollar amount of the subcontract;
- 8 estimated starting and completion dates of the subcontract; and the geographical area
- 9 in which the contract is to be performed. The notification shall be sent to:

10

11 U.S. Department of Labor

12 Office of Federal Contract Compliance Programs Pacific Region

13 Attn: Regional Director

14 San Francisco Federal Building

15 90 – 7th Street, Suite 18-300

16 San Francisco, CA 94103(415) 625-7800 Phone

17 (415) 625-7799 Fax

18

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

21

22 Standard Federal Equal Employment Opportunity Construction Contract Specifications

23 (Executive Order 11246)

24

- 25 1. As used in these specifications:

- 26
- 27 a. Covered Area means the geographical area described in the solicitation from
- 28 which this contract resulted;
- 29
- 30 b. Director means Director, Office of Federal Contract Compliance Programs,
- 31 United States Department of Labor, or any person to whom the Director
- 32 delegates authority;
- 33
- 34 c. Employer Identification Number means the Federal Social Security number
- 35 used on the Employer's Quarterly Federal Tax Return, U. S. Treasury
- 36 Department Form 941;
- 37
- 38 d. Minority includes:
- 39
- 40 (1) Black, a person having origins in any of the Black Racial Groups of
- 41 Africa.
- 42
- 43 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of
- 44 Mexican, Puerto Rican, Cuban, Central American, South American,
- 45 or other Spanish origin.
- 46
- 47 (3) Asian or Pacific Islander, a person having origins in any of the original
- 48 peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands
- 49 and Samoa.

1
2 (4) American Indian or Alaskan Native, a person having origins in any of
3 the original peoples of North America, and who maintain cultural
4 identification through tribal affiliation or community recognition.
5

- 6 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the
7 work involving any construction trade, it shall physically include in each subcontract in
8 excess of \$10,000 the provisions of these specifications and the Notice which contains
9 the applicable goals for minority and female participation and which is set forth in the
10 solicitations from which this contract resulted.
11
- 12 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan
13 approved by the U.S. Department of Labor in the covered area either individually or
14 through an association, its affirmative action obligations on all work in the Plan area
15 (including goals and timetables) shall be in accordance with that Plan for those trades
16 which have unions participating in the Plan. Contractors must be able to demonstrate
17 their participation in and compliance with the provisions of any such Hometown Plan.
18 Each Contractor or Subcontractor participating in an approved Plan is individually
19 required to comply with its obligations under the EEO clause, and to make a good faith
20 effort to achieve each goal under the Plan in each trade in which it has employees. The
21 overall good faith performance by other Contractors or Subcontractors toward a goal in
22 an approved Plan does not excuse any covered Contractor's or Subcontractor's failure
23 to take good faith effort to achieve the Plan goals and timetables.
24
- 25 4. The Contractor shall implement the specific affirmative action standards provided in
26 paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation
27 from which this contract resulted are expressed as percentages of the total hours of
28 employment and training of minority and female utilization the Contractor should
29 reasonably be able to achieve in each construction trade in which it has employees in
30 the covered area. Covered construction contractors performing construction work in
31 geographical areas where they do not have a Federal or federally assisted construction
32 contract shall apply the minority and female goals established for the geographical area
33 where the work is being performed. The Contractor is expected to make substantially
34 uniform progress in meeting its goals in each craft during the period specified.
35
- 36 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union
37 with whom the Contractor has a collective bargaining agreement, to refer either
38 minorities or women shall excuse the Contractor's obligations under these
39 specifications, Executive Order 11246, or the regulations promulgated pursuant
40 thereto.
41
- 42 6. In order for the nonworking training hours of apprentices and trainees to be counted in
43 meeting the goals, such apprentices and trainees must be employed by the Contractor
44 during the training period, and the Contractor must have made a commitment to employ
45 the apprentices and trainees at the completion of their training, subject to the availability
46 of employment opportunities. Trainees must be trained pursuant to training programs
47 approved by the U.S. Department of Labor.
48

- 1 7. The Contractor shall take specific affirmative actions to ensure equal employment
2 opportunity. The evaluation of the Contractor's compliance with these specifications
3 shall be based upon its effort to achieve maximum results from its action. The Contractor
4 shall document these efforts fully, and shall implement affirmative action steps at least
5 as extensive as the following:
6
- 7 a. Ensure and maintain a working environment free of harassment, intimidation,
8 and coercion at all sites, and in all facilities at which the Contractor's employees
9 are assigned to work. The Contractor, where possible, will assign two or more
10 women to each construction project. The Contractor shall specifically ensure
11 that all foremen, superintendents, and other on-site supervisory personnel are
12 aware of and carry out the Contractor's obligation to maintain such a working
13 environment, with specific attention to minority or female individuals working at
14 such sites or in such facilities.
15
- 16 b. Establish and maintain a current list of minority 1 and female recruitment
17 sources, provide written notification to minority and female recruitment sources
18 and to community organizations when the Contractor or its unions have
19 employment opportunities available, and maintain a record of the
20 organizations' responses.
21
- 22 c. Maintain a current file of the names, addresses and telephone numbers of each
23 minority and female off-the-street applicant and minority or female referral from
24 a union, a recruitment source or community organization and of what action
25 was taken with respect to each such individual. If such individual was sent to
26 the union hiring hall for referral and was not referred back to the Contractor by
27 the union or, if referred, not employed by the Contractor, this shall be
28 documented in the file with the reason therefor, along with whatever additional
29 actions the Contractor may have taken.
30
- 31 d. Provide immediate written notification to the Director when the union or unions
32 with which the Contractor has a collective bargaining agreement has not
33 referred to the Contractor a minority person or woman sent by the Contractor,
34 or when the Contractor has other information that the union referral process
35 has impeded the Contractor's efforts to meet its obligations.
36
- 37 e. Develop on-the-job training opportunity and/or participate in training programs
38 for the area which expressly include minorities and women, including
39 upgrading programs and apprenticeship and trainee programs relevant to the
40 Contractor's employment needs, especially those programs funded or
41 approved by the U.S. Department of Labor. The Contractor shall provide notice
42 of these programs to the sources compiled under 7b above.
43
- 44 f. Disseminate the Contractor's EEO policy by providing notice of the policy to
45 unions and training programs and requesting their cooperation in assisting the
46 Contractor in meeting its EEO obligations; by including it in the company
47 newspaper, annual report, etc.; by specific review of the policy with all
48 management personnel and with all minority and female employees at least
49 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.

- 1
- 2 o. Document and maintain a record of all solicitations of offers for subcontracts
- 3 from minority and female construction contractors and suppliers, including
- 4 circulation of solicitations to minority and female contractor associations and
- 5 other business associations.
- 6
- 7 p. Conduct a review, at least annually, of all supervisors' adherence to and
- 8 performance under the Contractor's EEO policies and affirmative action
- 9 obligations.
- 10
- 11 8. Contractors are encouraged to participate in voluntary associations which assist in
- 12 fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of
- 13 a contractor association, joint contractor-union, contractor-community, or other similar
- 14 group of which the Contractor is a member and participant, may be asserted as fulfilling
- 15 any one or more of the obligations under 7a through 7p of this Special Provision provided
- 16 that the Contractor actively participates in the group, makes every effort to assure that
- 17 the group has a positive impact on the employment of minorities and women in the
- 18 industry, ensure that the concrete benefits of the program are reflected in the
- 19 Contractor's minority and female work force participation, makes a good faith effort to
- 20 meet its individual goals and timetables, and can provide access to documentation which
- 21 demonstrate the effectiveness of actions taken on behalf of the Contractor. The
- 22 obligation to comply, however, is the Contractor's and failure of such a group to fulfill an
- 23 obligation shall not be a defense for the Contractor's noncompliance.
- 24
- 25 9. Contractor, however, is required to provide equal employment opportunity and to take
- 26 affirmative action for all minority groups, both male and female, and all women, both
- 27 minority and non-minority. Consequently, the Contractor may be in violation of the
- 28 Executive Order if a particular group is employed in substantially disparate manner (for
- 29 example, even though the Contractor has achieved its goals for women generally, the
- 30 Contractor may be in violation of the Executive Order if a specific minority group of
- 31 women is underutilized).
- 32
- 33 10. The Contractor shall not use the goals and timetables or affirmative action standards to
- 34 discriminate against any person because of race, color, religion, sex, or national origin.
- 35
- 36 11. The Contractor shall not enter into any subcontract with any person or firm debarred
- 37 from Government contracts pursuant to Executive Order 11246.
- 38
- 39 12. The Contractor shall carry out such sanctions and penalties for violation of these
- 40 specifications and of the Equal Opportunity Clause, including suspensions, terminations
- 41 and cancellations of existing subcontracts as may be imposed or ordered
- 42 pursuant to Executive Order 11246, as amended, and its implementing regulations by
- 43 the Office of Federal Contract Compliance Programs. Any Contractor who fails to
- 44 carry out such sanctions and penalties shall be in violation of these specifications
- 45 and Executive Order 11246, as amended.
- 46
- 47 13. The Contractor, in fulfilling its obligations under these specifications, shall implement
- 48 specific affirmative action steps, at least as extensive as those standards prescribed in
- 49 paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts

1 to ensure equal employment opportunity. If the Contractor fails to comply with the
2 requirements of the Executive Order, the implementing regulations, or these
3 specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
4

- 5 14. The Contractor shall designate a responsible official to monitor all employment related
6 activity to ensure that the company EEO policy is being carried out, to submit reports
7 relating to the provisions hereof as may be required by the government and to keep
8 records. Records shall at least include, for each employee, their name, address,
9 telephone numbers, construction trade, union affiliation if any, employee identification
10 number when assigned, social security number, race, sex, status (e.g., mechanic,
11 apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per
12 week in the indicated trade, rate of pay, and locations at which the work was performed.
13 Records shall be maintained in an easily understandable and retrievable form; however,
14 to the degree that existing records satisfy this requirement, the Contractors will 1 not be
15 required to maintain separate records.
16

- 17 15. Nothing herein provided shall be construed as a limitation upon the application of other
18 laws which establish different standards of compliance or upon the application of
19 requirements for the hiring of local or other area residents (e.g., those under the Public
20 Works Employment Act of 1977 and the Community Development Block Grant
21 Program).
22

- 23 16. Additional assistance for Federal Construction Contractors on contracts administered by
24 Washington State Department of Transportation or by Local Agencies may be found at:
25

26 Washington State Dept. of Transportation
27 Office of Equal Opportunity
28 PO Box 47314
29 310 Maple Park Ave. SE
30 Olympia WA
31 98504-7314
32 Ph: 360-705-7090
33 Fax: 360-705-6801
34 <http://www.wsdot.wa.gov/equalopportunity/default.htm>

35
36 Supplement this section with the following:
37 (*December 19, 2019 APWA GSP, Option B*)
38

39 ***Disadvantaged Business Enterprise Participation***

40 The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and
41 USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract.
42 Demonstrating compliance with these Specifications is a Condition of Award (COA) of this
43 Contract. Failure to comply with the requirements of this Specification may result in your Bid
44 being found to be nonresponsive resulting in rejection or other sanctions as provided by
45 Contract.
46

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, including those identified as a UDBE, 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. A Underutilized Disadvantaged Business Enterprise (UDBE) firm is a subset of DBE.

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

Good Faith Efforts – Efforts to achieve the UDBE 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.

Underutilized Disadvantaged Business Enterprise (UDBE) – A DBE Firm that is underutilized based on WSDOT's Disparity Study.

UDBE Commitment – The dollar amount the Bidder indicates they will be subcontracting to be applied towards the UDBE Condition of Award Goal as shown on the UDBE Utilization Certification Form for each UDBE Subcontractor. This UDBE Commitment amount will be incorporated into the Contract and shall be considered a Contract requirement. Any changes to the UDBE Commitment require the Engineer's approval.

UDBE 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).

UDBE COA Goal

The Contracting Agency has established a UDBE COA Goal for this Contract in the amount of: *** **2.0%** ***

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.

1 **DBE Prime Contractor**

2 Only take credit for that portion of the total dollar value of the Contract equal to the
3 distinct, clearly defined portion of the Work that the DBE Prime Contractor performs
4 with its own forces and is certified to perform.
5

6 **DBE Subcontractor**

7 Only take credit for that portion of the total dollar value of the subcontract that is
8 equal to the distinct, clearly defined portion of the Work that the DBE performs with
9 its own forces and is certified to perform. The value of work performed by the DBE
10 includes the cost of supplies and materials purchased by the DBE and equipment
11 leased by the DBE, for its work on the contract. Supplies, materials or equipment
12 obtained by a DBE that are not utilized or incorporated in the contract work by the
13 DBE will not be eligible for DBE credit.
14

15 The supplies, materials, and equipment purchased or leased from the Contractor or
16 its affiliate, including any Contractor's resources available to DBE subcontractors at
17 no cost, shall not be credited.
18

19 DBE credit will not be given in instances where the equipment lease includes the
20 operator. The DBE is expected to operate the equipment used in the performance
21 of its work under the contract with its own forces. Situations where equipment is
22 leased and used by the DBE, but payment is deducted from the Contractor's
23 payment to the DBE is not allowed.
24

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

- 26
- 27 1. If a UDBE subcontracts a portion of the Work of its contract to another firm,
28 the value of the subcontracted Work may be counted toward the UDBE
29 COA Goal only if the Lower-Tier Subcontractor is also a UDBE.
30
 - 31 2. Work subcontracted to a Lower-Tier Subcontractor that is a DBE, but not a
32 UDBE, may be counted as DBE participation but not counted toward the
33 UDBE COA Goal.
34
 - 35 3. Work subcontracted to a non-DBE does not count towards the UDBE COA
36 Goal nor DBE participation.
37

38 **DBE Subcontract and Lower Tier Subcontract Documents**

39 There must be a subcontract agreement that complies with 49 CFR Part 26 and
40 fully describes the distinct elements of Work committed to be performed by the DBE.
41

42 **DBE Service Provider**

43 The value of fees or commissions charged by a DBE firm behaving in a manner of
44 a Broker, or another service provider for providing a bona fide service, such as
45 professional, technical, consultant, managerial services, or for providing bonds or
46 insurance specifically required for the performance of the contract will only be
47 credited as DBE participation, if the fee/commission is determined by the
48 Contracting Agency to be reasonable and the firm has performed a CUF.
49

Force Account Work

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

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

Temporary Traffic Control

If the DBE firm is being utilized in the capacity of only "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 (e.g. paddles, hard hats, and vests).

If the DBE firm is being utilized in the capacity of "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 can count as DBE participation. If the DBE manufacturer is a UDBE, participation may count towards the UDBE COA Goal.

1
2 Sixty percent (60%) of the cost of materials or supplies purchased from a DBE
3 Regular Dealer may be credited as DBE Participation. If the role of the DBE Regular
4 Dealer is determined to be that of a Broker, then DBE credit shall be limited to the
5 fee or commission it receives for its services. Regular Dealer status and the amount
6 of credit is determined on a Contract-by-Contract basis. If the DBE regular dealer is
7 a UDBE, participation may count towards the UDBE COA Goal.
8

9 DBE firms proposed to be used as a Regular Dealer must be approved before being
10 listed as a COA/used on a project. The WSDOT Approved Regular Dealer list
11 published on WSDOT's Office of Equal Opportunity (OEO) web site must include
12 the specific project for which approval is being requested. For purposes of the
13 UDBE COA Goal participation, the Regular Dealer must submit the Regular Dealer
14 Status Request form a minimum of five calendar days prior to bid opening.
15

16 Purchase of materials or supplies from a DBE which is neither a manufacturer nor
17 a regular dealer, (i.e. Broker) only the fees or commissions charged for assistance
18 in the procurement of the materials and supplies, or fees or transportation charges
19 for the delivery of materials or supplies required on a job site, can count as DBE
20 participation provided the fees are not excessive as compared with fees customarily
21 allowed for similar services. Documentation will be required to support the
22 fee/commission charged by the DBE. The cost of the materials and supplies
23 themselves cannot be counted toward as DBE participation.
24

25 Note: Requests to be listed as a Regular Dealer will only be processed if the
26 requesting firm is a material supplier certified by the Office of Minority and
27 Women's Business Enterprises in a NAICS code that falls within the
28 42XXXX NAICS Wholesale code section.
29

30 **Underutilized Disadvantaged Business Enterprise Utilization**

31 The requirements of this section apply to projects with a UDBE COA Goal. To be eligible
32 for award of the Contract, the Bidder shall properly complete and submit an Underutilized
33 Disadvantaged Business Enterprise (UDBE) Utilization Certification with the Bidder's
34 sealed Bid Proposal, as specified in Section 1-02.9 Delivery of Proposal. The Bidder's
35 UDBE Utilization Certification must clearly demonstrate how the Bidder intends to meet
36 the UDBE COA Goal. A UDBE Utilization Certification (WSDOT Form 272-056U) is
37 included in the Proposal package for this purpose as well as instructions on how to
38 properly fill out the form.
39

40 The Bidder is advised that the items listed below when listed in the Utilization
41 Certification must have their amounts reduced to the percentages shown and those
42 reduced amounts will be the amount applied towards meeting the UDBE COA Goal.
43

- 44 • Force account at 50%
- 45 • Regular dealer at 60%
- 46

47 In the event of arithmetic errors in completing the UDBE Utilization Certification, the
48 amount listed to be applied towards the UDBE COA Goal for each UDBE shall govern
49 and the UDBE 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 UDBE Utilization Certification Form that accurately demonstrates how the Bidder intends to meet the UDBE COA Goal.

Underutilized Disadvantaged Business Enterprise Written Confirmation Document(s)

The requirements of this section apply to projects with a UDBE COA Goal. The Bidder shall submit an Underutilized Disadvantaged Business Enterprise (UDBE) Written Confirmation Document (completed and signed by the UDBE) for each UDBE firm listed in the Bidder's completed UDBE 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 UDBEs 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 UDBE Written Confirmation Document (WSDOT Form 422-031U) 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 UDBE 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 UDBE, the validity of the document comes into question. The associated UDBE participation may not receive credit.

Selection of Successful Bidder/Good Faith Efforts (GFE)

The requirements of this section apply to projects with a UDBE COA Goal. 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 UDBE 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 UDBEs listed on the UDBE Utilization Certification.

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

1. By meeting the UDBE COA Goal
Submission of the UDBE Utilization Certification, supporting UDBE Written Confirmation Document(s) showing the Bidder has obtained enough UDBE participation to meet or exceed the UDBE COA Goal, the UDBE Bid Item Breakdown and the UDBE Trucking Credit Form, if applicable.
2. By documentation that the Bidder made adequate GFE to meet the UDBE COA Goal

1 The Bidder may demonstrate a GFE in whole or part through GFE
2 documentation ONLY IN THE EVENT a Bidder's efforts to solicit sufficient
3 UDBE participation have been unsuccessful. The Bidder must supply GFE
4 documentation in addition to the UDBE Utilization Certification, supporting
5 UDBE Written Confirmation Document(s), the UDBE Bid Item Breakdown form
6 and the UDBE Trucking Credit Form, if applicable.
7

8 Note: In the case where a Bidder is awarded the contract based on demonstrating
9 adequate GFE, the advertised UDBE COA Goal will not be reduced. The
10 Bidder shall demonstrate a GFE during the life of the Contract to attain the
11 advertised UDBE COA Goal.
12

13 GFE documentation, the UDBE Bid Item Breakdown form, and the UDBE Trucking
14 Credit Form, if applicable, shall be submitted as specified in Section 1-02.9.
15

16 The Contracting Agency will review the GFE documentation and will determine if the
17 Bidder made an adequate good faith effort.
18

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

20 GFE is evaluated when:
21

- 22 1. Determining award of a Contract that has COA goal,
- 23 2. When a COA UDBE is terminated and substitution is required, and
- 24 3. Prior to Physical Completion when determining whether the Contractor has
- 25 satisfied its UDBE commitments.
26

27
28 49 CFR Part 26, Appendix A is intended as general guidance and does not, in itself,
29 demonstrate adequate good faith efforts. The following is a list of types of actions, which
30 would be considered as part of the Bidder's GFE to achieve UDBE participation. It is not
31 intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive.
32 Other factors or types of efforts may be relevant in appropriate cases.
33
34

- 35 1. Soliciting through all reasonable and available means (e.g. attendance at pre-
36 bid meetings, advertising and/or written notices) the interest of all certified
37 UDBEs who have the capability to perform the Work of the Contract. The
38 Bidder must solicit this interest within sufficient time to allow the UDBEs to
39 respond to the solicitation. The Bidder must determine with certainty if the
40 UDBEs are interested by taking appropriate steps to follow up initial
41 solicitations.
42
- 43 2. Selecting portions of the Work to be performed by UDBEs in order to increase
44 the likelihood that the UDBE COA Goal will be achieved. This includes, where
45 appropriate, breaking out contract Work items into economically feasible units
46 to facilitate UDBE participation, even when the Bidder might otherwise prefer
47 to perform these Work items with its own forces.
48

- 1 3. Providing interested UDBEs with adequate information about the Plans,
2 Specifications, and requirements of the Contract in a timely manner to assist
3 them in responding to a solicitation.
4
5 a. Negotiating in good faith with interested UDBEs. It is the Bidder's
6 responsibility to make a portion of the Work available to UDBE
7 subcontractors and suppliers and to select those portions of the Work or
8 material needs consistent with the available UDBE subcontractors and
9 suppliers, so as to facilitate UDBE participation. Evidence of such
10 negotiation includes the names, addresses, and telephone numbers of
11 UDBEs that were considered; a description of the information provided
12 regarding the Plans and Specifications for the Work selected for
13 subcontracting; and evidence as to why additional agreements could not
14 be reached for UDBEs to perform the Work.
15
16 b. A Bidder using good business judgment would consider a number of
17 factors in negotiating with subcontractors, including DBE subcontractors,
18 and would take a firm's price and capabilities as well as the UDBE COA
19 Goal into consideration. However, the fact that there may be some
20 additional costs involved in finding and using UDBEs is not in itself
21 sufficient reason for a Bidder's failure to meet the UDBE COA Goal, as
22 long as such costs are reasonable. Also, the ability or desire of a Bidder to
23 perform the Work of a Contract with its own organization does not relieve
24 the Bidder of the responsibility to make Good Faith Efforts. Bidders are
25 not, however, required to accept higher quotes from UDBEs if the price
26 difference is excessive or unreasonable.
27
28 4. Not rejecting UDBEs as being unqualified without sound reasons based on a
29 thorough investigation of their capabilities. The Bidder's standing within its
30 industry, membership in specific groups, organizations, or associations and
31 political or social affiliations (for example union vs. non-union employee status)
32 are not legitimate causes for the rejection or non-solicitation of bids in the
33 Bidder's efforts to meet the UDBE COA Goal.
34
35 5. Making efforts to assist interested UDBEs in obtaining bonding, lines of credit,
36 or insurance as required by the recipient or Bidder.
37
38 6. Making efforts to assist interested UDBEs in obtaining necessary equipment,
39 supplies, materials, or related assistance or services.
40
41 7. Effectively using the services of available minority/women community
42 organizations; minority/women contractors' groups; local, State, and Federal
43 minority/women business assistance offices; and other organizations as
44 allowed on a case-by-case basis to provide assistance in the recruitment and
45 placement of UDBEs.
46
47 8. Documentation of GFE must include copies of each UDBE and non-DBE
48 subcontractor quotes submitted to the Bidder when a non-DBE subcontractor

1 is selected over a UDBE for Work on the Contract. (ref. updated DBE
2 regulations – 26.53(b)(2)(vi) & App. A)
3

4 **Administrative Reconsideration of GFE Documentation**

5 A Bidder has the right to request reconsideration if the GFE documentation submitted
6 with their Bid was determined to be inadequate.
7

- 8 • The Bidder must request within 48 hours of notification of being nonresponsive
9 or forfeit the right to reconsideration.
10
- 11 • The reconsideration decision on the adequacy of the Bidder's GFE
12 documentation shall be made by an official who did not take part in the original
13 determination.
14
- 15 • Only original GFE documentation submitted as a supplement to the Bid shall
16 be considered. The Bidder shall not introduce new documentation at the
17 reconsideration hearing.
18
- 19 • The Bidder shall have the opportunity to meet in person with the official for the
20 purpose of setting forth the Bidder's position as to why the GFE documentation
21 demonstrates a sufficient effort.
22
- 23 • The reconsideration official shall provide the Bidder with a written decision on
24 reconsideration within five working days of the hearing explaining the basis for
25 their finding.
26

27 **UDBE Bid Item Breakdown**

28 The Bidder shall submit a UDBE Bid Item Breakdown Form (WSDOT Form 272-054) as
29 specified in the Special Provisions for Section 1-02.9, Delivery of Proposal.
30

31 **UDBE Trucking Credit Form**

32 The Bidder shall submit a UDBE Trucking Credit Form (WSDOT Form 272-058), as
33 specified in the Special Provisions for Section 1-02.9, Delivery of Proposal.
34

35 Note: The UDBE Trucking Credit Form is only required for a UDBE Firm listed on
36 the UDBE Utilization Certification as a subcontractor for "Trucking" or
37 "Hauling" and are performing a part of a bid item. For example, if the item
38 of Work is Structure Excavation including Haul, and another firm is doing
39 the excavation and the UDBE Trucking firm is doing the haul, the form is
40 required. For a UDBE subcontractor that is responsible for an entire item
41 of work that may require some use of trucks, the form is not required.
42

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 UDBE 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

1 material itself.” The Contractor shall submit DBE Joint Check Request Form for the
2 Engineer approval prior to using a joint check.

3
4 Material costs paid by the Contractor directly to the material supplier are not
5 allowed. If proper procedures are not followed or the Engineer determines that the
6 arrangement results in lack of independence for the DBE involved, no DBE credit
7 will be given for the DBE’s participation as it relates to the material cost.

8 9 **Prompt Payment**

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

13 14 **Subcontracts**

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

18
19 *** SWRegionOEO@wsdot.wa.gov ***

20
21 The prime contractor shall notify the Engineer in writing within five calendar days of
22 subcontract submittal.

23 24 25 **Reporting**

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

29
30 Refer to Section 1-08.1 for additional reporting requirements associated with this
31 contract.

32 33 **Changes in COA Work Committed to UDBE**

34 The Contractor shall utilize the COA UDBEs to perform the work and supply the
35 materials for which each is committed unless approved by the Engineer. The Contractor
36 shall not be entitled to any payment for work or material completed by the Contractor or
37 subcontractors that was committed to be completed by the COA UDBEs.

38 39 **Owner Initiated Changes**

40 Where the Engineer makes changes that result in changes to Work that was
41 committed to a COA UDBE. The Contractor may be directed to substitute for the
42 Work in such instances.

43 44 **Contractor Initiated Changes**

45 The Contractor cannot reduce the amount of work committed to a COA UDBE
46 without good cause. Reducing UDBE Commitment is viewed as partial UDBE
47 termination, and therefore subject to the termination procedures below.

Original Quantity Underruns

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

Contractor Proposed DBE Substitutions

Requests to substitute a COA UDBE must be for good cause (see UDBE 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 UDBE with another certified UDBE. When any changes between Contract Award and Execution result in a substitution of COA UDBE, the substitute UDBE shall be certified prior to the bid opening on the Contract.

UDBE Termination

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

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

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

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

Good cause does not exist if:

- The Contractor seeks to terminate a COA UDBE so that the Contractor can self-perform the Work.
- The Contractor seeks to terminate a COA UDBE so the Contractor can substitute another DBE contractor or non-DBE contractor after Contract Award.
- The failure or refusal of the COA UDBE 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 UDBE's Work).

Prior to requesting termination, the Contractor shall give notice in writing to the UDBE with a copy to the Engineer of its intent to request to terminate UDBE Work and the reasons for doing so. The UDBE shall have five (5) days to respond to the Contractor's notice. The UDBE'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.

When a COA UDBE is terminated, or fails to complete its work on the Contract for any reason, the Contractor shall substitute with another UDBE or provide documentation of GFE. A plan to achieve the COA UDBE Commitment shall be submitted to the Engineer within 2 days of the approval of termination or the Contract shall be suspended until such time the substitution plan is submitted.

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 UDBE 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 UDBE 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.

Special Training Provisions *(April 3, 2017 WSDOT GSP)*

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 journeyman status in the trades involved. The number of training hours shall be *** **400** ***. Trainees shall not be assigned less than 400 hours. 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. The Contractor shall also ensure that this training provision is made applicable to any subcontract that includes training.

Trainee Approval

The Federal government requires Contracting Agencies to include these training provisions as a condition attached to the receipt of Federal highway funding. The Federal government has determined that the training and promotion of members of certain minority groups and women is a primary objective of this training provision. The Contractor shall make every effort to enroll minority groups 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

1 training, whether that person is a minority, woman or otherwise. A non-minority male
2 trainee or apprentice may be approved provided the following requirements are met:

- 3
4 1. The Contractor is otherwise in compliance with the contract's Equal
5 Employment Opportunity and On-the-Job Training requirements and provides
6 documentation of the efforts taken to fill the specific training position with either
7 minorities or females
8
- 9 2. or, if not otherwise in compliance, furnishes evidence of his/her systematic and
10 direct recruitment efforts in regard to the position in question and in promoting
11 the enrollment and/or employment of minorities and females in the craft which
12 the proposed trainee is to be trained
13
- 14 3. and the Contractor has made a good faith effort towards recruiting of minorities
15 and women. As a minimum this good faith effort shall consist of the following:
16
 - 17 • Distribution of written notices of available employment opportunities
18 with the Contractor and enrollment opportunities with its unions.
19 Distribution should include but not be limited to; minority and female
20 recruitment sources and minority and female community
21 organizations;
22
 - 23 • Records documenting the Contractor's efforts and the outcome of
24 those efforts, to employ minority and female applicants and/or refer
25 them to unions;
26
 - 27 • Records reflecting the Contractor's efforts in participating in
28 developing minority and female on-the-job training opportunities,
29 including upgrading programs and apprenticeship opportunities;
30
 - 31 • Distribution of written notices to unions and training programs
32 disseminating the Contractor's EEO policy and requesting
33 cooperation in achieving EEO and OJT obligations.
34

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

41
42 For the purpose of this specification, acceptable training programs are those employing
43 trainees/apprentices registered with the following:

- 44
45 1. Washington State Department of Labor & Industries — State Apprenticeship
46 Training Council (SATC) approved apprenticeship agreement:
47
 - 48 a. Pursuant to RCW 49.04.060, an apprenticeship agreement shall be;
49

- 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.

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

Or

3. Trainees participating in a non-ATELS/SATC program, which has been approved by the contracting agency for the specific project.
4. For assistance in locating trainee candidates, the Contractor may call WSDOT's OJT Support Services Technical Advisor at (360) 704-6314.

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.

- 1 5. After approval of the training program, information concerning each individual
2 trainee and good faith effort documentation shall be submitted on (DOT Form
3 272-050.)
4
- 5 6. In King County, laborer trainees or apprentices will not be approved on
6 contracts containing less than 2000 training hours as specified in this Section.
7 In King County, no more than twenty percent (20%) of hours proposed for
8 trainees or apprentices shall be in the laborer classification when the contract
9 contains 2000 or more hours of training as specified in this Section. Trainees
10 shall not be assigned less than 400 hours.
11
- 12 7. Flagging programs will not be approved. Other programs that include flagging
13 training will only be approved if the flagging portion is limited to an orientation
14 of not more than 20 hours.
15
- 16 8. It is the intention of these provisions that training is to be provided in the
17 construction crafts rather than clerk-typists or secretarial-type positions.
18 Training is permissible in lower level management positions such as office
19 engineers, estimators, timekeepers, etc., where the training is oriented toward
20 construction applications. Some off-site training is permissible as long as the
21 training is an integral part of an approved training program.
22
- 23 9. It is normally expected that a trainee will begin training on the project as soon
24 as feasible after start of work, utilizing the skill involved and remain on the
25 project as long as training opportunities exist in the work classification or upon
26 completion of the training program. It is not required that all trainees be on
27 board for the entire length of the contract. The number trained shall be
28 determined on the basis of the total number enrolled on the contract for a
29 significant period.
30
- 31 10. Wage Progressions: Trainees will be paid at least the applicable ratios or wage
32 progressions shown in the apprenticeship standards published by the
33 Washington State Department of Labor and Industries. In the event that no
34 training program has been established by the Department of Labor and
35 Industries, the trainee shall be paid in accordance with the provisions of RCW
36 39.12.021 which reads as follows:

37 Apprentice workmen employed upon public works projects for whom an
38 apprenticeship agreement has been registered and approved with the
39 State Apprenticeship Council pursuant to RCW 49.04, must be paid at
40 least the prevailing hourly rate for an apprentice of that trade. Any
41 workman for whom an apprenticeship agreement has not been registered
42 and approved by the State Apprenticeship Council shall be considered to
43 be a fully qualified journeyman, and, therefore, shall be paid at the
44 prevailing hourly rate for journeymen.
45
46

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.

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 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:

- The program establishes minimum qualifications for persons entering the training program.
- 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.
- The program shall include a numeric ratio of trainees to journeymen 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).
- The terms of training shall be stated in hours. The number of hours required for completion to journeyman 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

- 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

1 be made when the Contractor does one or more of the following and the trainees are
2 concurrently employed on a Federal-aid project:

- 3
- 4 • contributes to the cost of the training,
- 5 • provides the instruction to the trainee,
- 6 • pays the trainee's wages during the off- site training period.
- 7

8 Reimbursement will be made upon receipt of a certified invoice that shows the related
9 payroll number, the name of trainee, total hours trained under the program, previously
10 paid hours under the contract, hours due this estimate, and dollar amount due this
11 estimate. The certified invoice shall show a statement indicating the Contractor's effort
12 to enroll minorities and women when a new enrollment occurs. If a trainee is participating
13 in a SATC/ATELS approved apprenticeship program, a copy of the certificate showing
14 apprenticeship registration must accompany the first invoice on which the individual
15 appears. Reimbursement for training occurring prior to approval of the training program
16 will be allowed if the Contractor verbally notifies the Engineer of this occurrence at the
17 time the apprentice/trainee commences work. A trainee/apprentice, regardless of craft,
18 must have worked on the contract for at least 20 hours to be eligible for reimbursement.

19 **Payment**

20 The Contractor will be reimbursed under the item "Training" per hour for each hour of
21 training for each employee.
22

23 **1-07.12 Federal Agency Inspection**

24 Section 1-07.12 is supplemented with the following:
25

26 *(January 25, 2016 WSDOT GSP)*

27 **Required Federal Aid Provisions**

28 The Required Contract Provisions Federal Aid Construction Contracts (SHWA 1273) Revised
29 May 1, 2012 and the amendments thereto supersede any conflicting provisions of the
30 Standard Specifications and aera made part of this Contract; provided, however, that if any
31 of the provisions of FHWA 1273., as amended, are less restrictive than Washington Law,
32 then the Washington State Law shall prevail.
33

34
35 The provisions of FHWA 1273, as amended, included in this Contract require that the
36 Contractor insert the FHWA 1273 and amendments thereto in each Subcontract, together
37 with the wage rates which are part of the FHWA 1273, as amended. Also, a clause shall be
38 included in each Subcontract requiring the Subcontractors to insert the FHWA 1273 and
39 amendments thereto in any lower tier Subcontracts, together with the wage rates. The
40 Contractor shall also ensure that this section, REQUIRED FEDERAL AID PROVISIONS, is
41 inserted in each Subcontract for Subcontractors and lower tier Subcontractors. For this
42 purpose, upon request to the Engineer, the Contractor will be provided with extra copies of
43 the FHWA 1273, the amendments thereto, the applicable wage rates, and this Special
44 Provision.

45 **1-07.17 Utilities and Similar Facilities**

46 Section 1-07.17 is supplemented with the following:
47
48

(April 2, 2007 WSDOT GSP)

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:

Contracting Agency

Franklin County Public Works
Kathleen Neuman
3416 Stearman Ave.
Pasco, WA 99301
(509) 545-3514

Power Company

Big Bend Electric Coop
Jason Mercer
1373 N Highway 261
Ritzville, WA 99169
(509) 659-1700

Irrigation District

South Columbia Basin Irrigation District
Eric Dixon
1135 E. Hillsboro St. #A
Pasco, WA 99301
(509) 547-1735

1-07.18 Public Liability and Property Damage Insurance

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

1-07.18 Insurance

(January 4, 2016 APWA GSP)

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

1 extended reporting period ("tail") or execute another form of guarantee acceptable to the
2 Contracting Agency to assure financial responsibility for liability for services performed.

- 3
- 4 D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella
5 Liability insurance policies shall be primary and non-contributory insurance as respects the
6 Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance,
7 self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be
8 excess of the Contractor's insurance and shall not contribute with it.
- 9
- 10 E. The Contractor shall provide the Contracting Agency and all additional insureds with written
11 notice of any policy cancellation, within two business days of their receipt of such notice.
- 12
- 13 F. The Contractor shall not begin work under the Contract until the required insurance has been
14 obtained and approved by the Contracting Agency
- 15
- 16 G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a
17 material breach of contract, upon which the Contracting Agency may, after giving five business
18 days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at
19 its discretion, procure or renew such insurance and pay any and all premiums in connection
20 therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or
21 at the sole discretion of the Contracting Agency, offset against funds due the Contractor from
22 the Contracting Agency.
- 23
- 24 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the
25 Contract and no additional payment will be made.
- 26

27 **1-07.18(2) Additional Insured**

28 All insurance policies, with the exception of Workers Compensation, and of Professional Liability
29 and Builder's Risk (if required by this Contract) shall name the following listed entities as additional
30 insured(s) using the forms or endorsements required herein:

- 31 ▪ The Contracting Agency and its officers, elected officials, employees, agents, and
32 volunteers
- 33 ▪ South Columbia Irrigation District
- 34 ▪ Anderson Perry
- 35

36 The above-listed entities shall be additional insured(s) for the full available limits of liability
37 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor
38 are greater than those required by this Contract, and irrespective of whether the Certificate of
39 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those
40 maintained by the Contractor.

41

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

45

46 **1-07.18(3) Subcontractors**

47 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that
48 complies with all applicable requirements of the Contractor-provided insurance as set forth herein,

1 except the Contractor shall have sole responsibility for determining the limits of coverage required
2 to be obtained by Subcontractors.

3
4 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in 1-07.18(2)
5 as additional insureds, and provide proof of such on the policies as required by that section as
6 detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing
7 operations and CG 20 37 10 01 for completed operations.

8
9 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency
10 evidence of insurance and copies of the additional insured endorsements of each Subcontractor
11 of every tier as required in 1-07.18(4) Verification of Coverage.

12 13 **1-07.18(4) Verification of Coverage**

14 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and
15 endorsements for each policy of insurance meeting the requirements set forth herein when the
16 Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand
17 such verification of coverage with these insurance requirements or failure of Contracting Agency
18 to identify a deficiency from the insurance documentation provided shall not be construed as a
19 waiver of Contractor's obligation to maintain such insurance.

20
21 Verification of coverage shall include:

- 22 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
23 2. Copies of all endorsements naming Contracting Agency and all other entities listed in
24 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit
25 a copy of any blanket additional insured clause from its policies instead of a separate
26 endorsement.
27 3. Any other amendatory endorsements to show the coverage required herein.
28 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these
29 requirements – actual endorsements must be submitted.

30
31 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency
32 a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this
33 Project, a full and certified copy of that policy is required when the Contractor delivers the signed
34 Contract for the work.

35 36 **1-07.18(5) Coverages and Limits**

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

41
42 All deductibles and self-insured retentions must be disclosed and are subject to approval by the
43 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured
44 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a
45 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-
46 insured retention shall be the responsibility of the Contractor.

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

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

7
8 The Commercial General Liability insurance shall be endorsed to provide a per project general
9 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

10
11 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's
12 completed operations for at least three years following Substantial Completion of the Work.

13
14 Such policy must provide the following minimum limits:

15	\$1,000,000	Each Occurrence
16	\$2,000,000	General Aggregate
17	\$2,000,000	Products & Completed Operations Aggregate
18	\$1,000,000	Personal & Advertising Injury each offence
19	\$1,000,000	Stop Gap / Employers' Liability each accident

20
21 **1-07.18(5)B Automobile Liability**

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

26
27 Such policy must provide the following minimum limit:

28	\$1,000,000	Combined single limit each accident
----	-------------	-------------------------------------

29
30 **1-07.18(5)C Workers' Compensation**

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

33
34 **1-07.23 Public Convenience and Safety**

35
36 ***1-07.23(1) Construction Under Traffic***

37
38 This section is supplemented with the following:

39
40 *(February 3, 2020 WSDOT GSP)*

41 **Work Zone Clear Zone**

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

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

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

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

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

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

Regulatory Posted Speed	Distance From Traveled Way (Feet)
35 mph or less	10
40 mph	15
45 to 55 mph	20
60 mph or greater	30

Minimum Work Zone Clear Zone Distance

1-07.24 Rights of Way (July 23, 2015 APWA GSP)

Delete this section 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.

1
2 Whenever easements or rights of entry have not been acquired prior to advertising, these
3 areas are so noted in the Plans. The Contractor shall not proceed with any portion of the work
4 in areas where right of way, easements or rights of entry have not been acquired until the
5 Engineer certifies to the Contractor that the right of way or easement is available or that the
6 right of entry has been received. If the Contractor is delayed due to acts of omission on the
7 part of the Contracting Agency in obtaining easements, rights of entry or right of way, the
8 Contractor will be entitled to an extension of time. The Contractor agrees that such delay
9 shall not be a breach of contract.

10
11 Each property owner shall be given 48 hours notice prior to entry by the Contractor. This
12 includes entry onto easements and private property where private improvements must be
13 adjusted.

14
15 The Contractor shall be responsible for providing, without expense or liability to the
16 Contracting Agency, any additional land and access thereto that the Contractor may desire
17 for temporary construction facilities, storage of materials, or other Contractor needs.
18 However, before using any private property, whether adjoining the work or not, the Contractor
19 shall file with the Engineer a written permission of the private property owner, and, upon
20 vacating the premises, a written release from the property owner of each property disturbed
21 or otherwise interfered with by reasons of construction pursued under this contract. The
22 statement shall be signed by the private property owner, or proper authority acting for the
23 owner of the private property affected, stating that permission has been granted to use the
24 property and all necessary permits have been obtained or, in the case of a release, that the
25 restoration of the property has been satisfactorily accomplished. The statement shall include
26 the parcel number, address, and date of signature. Written releases must be filed with the
27 Engineer before the Completion Date will be established.

28 29 **1-08 PROSECUTION AND PROGRESS**

30
31 Add the following new section:

32 33 **1-08.0 Preliminary Matters** 34 *(May 25, 2006 APWA GSP)*

35
36 Add the following new section:

37 38 **1-08.0(1) Preconstruction Conference** 39 *(October 10, 2008 APWA GSP)*

40
41 Prior to the Contractor beginning the work, a preconstruction conference will be held between
42 the Contractor, the Engineer and such other interested parties as may be invited. The purpose
43 of the preconstruction conference will be:

- 44 1. To review the initial progress schedule;
- 45 2. To establish a working understanding among the various parties associated or affected
46 by the work;
- 47 3. To establish and review procedures for progress payment, notifications, approvals,
48 submittals, etc.;

4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

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

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

Add the following new section:

1-08.0(2) Hours of Work
(December 8, 2014 APWA GSP)

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 **5** working 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.

- 1 5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and
2 recorded properly on certified payroll.
3

4 **1-08.1 Subcontracting**

5 *(May 17, 2018 APWA GSP, Option A)*
6

7 The eighth and ninth paragraphs are revised to read:
8

9 The Contractor shall certify to the actual amount received from the Contracting Agency and
10 amounts paid to all firms that were used as Subcontractors, lower tier subcontractors,
11 manufacturers, regular dealers, or service providers on the Contract. This includes all
12 Disadvantaged, Minority, Small, Veteran or Women's Business Enterprise firms. This
13 Certification shall be submitted to the Engineer on a monthly basis each month between
14 Execution of the Contract and Physical Completion of the Contract using the application
15 available at: <https://wsdot.diversitycompliance.com>. A monthly report shall be submitted for
16 every month between Execution of the Contract and Physical Completion regardless of
17 whether payments were made or work occurred.
18

19 The Contractor shall comply with the requirements of RCW 39.04.250, 39.76.011, 39.76.020,
20 and 39.76.040, in particular regarding prompt payment to Subcontractors. Whenever the
21 Contractor withholds payment to a Subcontractor for any reason including disputed amounts,
22 the Contractor shall provide notice within 10 calendar days to the Subcontractor with a copy
23 to the Contracting Agency identifying the reason for the withholding and a clear description of
24 what the Subcontractor must do to have the withholding released. Retainage withheld by the
25 Contractor prior to completion of the Subcontractors work is exempt from reporting as a
26 payment withheld and is not included in the withheld amount. The Contracting Agency's copy
27 of the notice to Subcontractor for deferred payments shall be submitted to the Engineer
28 concurrently with notification to the Subcontractor.
29

30 **1-08.1, Subcontracting**

31 *(December 19, 2019 APWA GSP, Option A)*
32

33 Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall
34 submit to the Engineer a certification (WSDOT Form 420-004) that a written agreement
35 between the Contractor and the subcontractor or between the subcontractor and any lower
36 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 ninth paragraph, beginning with "On all projects, ..." is revised to read:

The Contractor shall certify to the actual amount received from the Contracting Agency and amounts paid to all firms that were used as Subcontractors, lower tier subcontractors, manufacturers, regular dealers, or service providers on the Contract. This includes all Disadvantaged, Minority, Small, Veteran or Women's Business Enterprise firms. This Certification shall be submitted to the Engineer on a monthly basis each month between Execution of the Contract and Physical Completion of the Contract using the application available at: <https://wsdot.diversitycompliance.com>. A monthly report shall be submitted for every month between Execution of the Contract and Physical Completion regardless of whether payments were made or work occurred.

1-08.4 Prosecution of Work

Delete this section and replace it with the following:

1-08.4 Notice to Proceed and Prosecution of Work (July 23, 2015 APWA GSP)

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

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

1 shall be performed on the site until the Contracting Agency has accepted the installation of
2 high visibility fencing, as described in the Contract.

3 4 **1-08.5 Time for Completion**

5
6 Section 1-08.5 is supplemented with the following:
7 *(March 13, 1995 WSDOT GSP)*

8
9 This project shall be physically completed within *** **90** *** working days.

10
11 Revise the third and fourth paragraphs to read:
12 *(November 30, 2018 APWA GSP, Option A)*

13
14 Contract time shall begin on the first working day following the Notice to Proceed Date.

15
16 Each working day shall be charged to the contract as it occurs, until the contract work is
17 physically complete. If substantial completion has been granted and all the authorized
18 working days have been used, charging of working days will cease. Each week the Engineer
19 will provide the Contractor a statement that shows the number of working days: (1) charged
20 to the contract the week before; (2) specified for the physical completion of the contract; and
21 (3) remaining for the physical completion of the contract. The statement will also show the
22 nonworking days and any partial or whole day the Engineer declares as unworkable. Within
23 10 calendar days after the date of each statement, the Contractor shall file a written protest
24 of any alleged discrepancies in it. To be considered by the Engineer, the protest shall be in
25 sufficient detail to enable the Engineer to ascertain the basis and amount of time disputed.
26 By not filing such detailed protest in that period, the Contractor shall be deemed as having
27 accepted the statement as correct. If the Contractor is approved to work 10 hours a day and
28 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked
29 would ordinarily be charged as a working day then the fifth day of that week will be charged
30 as a working day whether or not the Contractor works on that day.

31
32 Revise the sixth paragraph to read:

33
34 The Engineer will give the Contractor written notice of the completion date of the contract after
35 all the Contractor's obligations under the contract have been performed by the Contractor.
36 The following events must occur before the Completion Date can be established:

- 37 1. The physical work on the project must be complete; and
- 38 2. The Contractor must furnish all documentation required by the contract and required by
- 39 law, to allow the Contracting Agency to process final acceptance of the contract. The
- 40 following documents must be received by the Project Engineer prior to establishing a
- 41 completion date:
- 42 a. Certified Payrolls (per Section 1-07.9(5)).
- 43 b. Material Acceptance Certification Documents
- 44 c. Monthly Reports of Amounts Credited as DBE Participation, as required by the
- 45 Contract Provisions.
- 46 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

1-08.9 Liquidated Damages (August 14, 2013 APWA GSP)

Revise the fourth paragraph to read:

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

1-09 MEASUREMENT AND PAYMENT

1-09.2(1) General Requirements for Weighing Equipment (July 23, 2015 APWA GSP, Option 2)

Revise item 4 of the fifth paragraph 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.

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

Supplement this section with the following:

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

correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by Engineer.

1-09.8 Payment for Material on Hand

Section 1-09.8 is revised to read:

(August 3, 2009 WSDOT GSP)

The Contracting Agency will not pay for material on hand when the invoice cost is less than \$2,000. As materials are used in the work, credits equaling the partial payments for them will be taken on future estimates. Each month, no later than the estimate due date, the Contractor shall submit a letter to the Project Engineer that clearly states: 1) the amount originally paid on the invoice (or other record of production cost) for the items on hand, 2) the dollar amount of the material incorporated into each of the various work items for the month, and 3) the amount that should be retained in material on hand items. If work is performed on the items and the Contractor does not submit a letter, all of the previous material on hand payment will be deducted on the estimate. Partial payment for materials on hand shall not constitute acceptance. Any material will be rejected if found to be faulty even if partial payment for it has been made.

1-09.9 Payments

(March 13, 2012 APWA GSP)

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

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

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

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

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

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

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

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

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

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

Supplement this section with the following:

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

1-09.9(1) Retainage

This section content and title is deleted and replaced with the following:

(June 27, 2011 WSDOT GSP)

Vacant

1-09.11(3) Time Limitation and Jurisdiction

(November 30, 2018 APWA GSP)

Revise this section to read:

For the convenience of the parties to the Contract it is mutually agreed by the parties that any 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 any 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 any such claims or causes of action. It is further mutually agreed

1 by the parties that when any claims or causes of action which the Contractor asserts against
2 the Contracting Agency arising from the Contract are filed with the Contracting Agency or
3 initiated in court, the Contractor shall permit the Contracting Agency to have timely access to
4 any records deemed necessary by the Contracting Agency to assist in evaluating the claims
5 or action.
6

7 **1-09.13(3) Claims \$250,000 or Less**
8 *(October 1, 2005 APWA GSP)*
9

10 Delete this Section and replace it with the following:

11
12 The Contractor and the Contracting Agency mutually agree that those claims that total
13 \$250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by
14 nonbinding ADR processes, shall be resolved through litigation unless the parties mutually
15 agree in writing to resolve the claim through binding arbitration.
16

17
18 **1-09.13(3)A Administration of Arbitration**
19 *(November 30, 2018 APWA GSP)*
20

21 Revise the third paragraph to read:

22
23 The Contracting Agency and the Contractor mutually agree to be bound by the decision of the
24 arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the
25 Superior Court of the county in which the Contracting Agency's headquarters is located,
26 provided that where claims subject to arbitration are asserted against a county, RCW
27 36.01.050 shall control venue and jurisdiction of the Superior Court. The decision of the
28 arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use the
29 Contract as a basis for decisions.
30

31
32
33
34 **1-10 TEMPORARY TRAFFIC CONTROL**

35
36 **1-10.2, Traffic Control Manager**

37
38 **1-10.2(1), General**
39

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

41
42 *(January 3, 2017 WSDOT GSP)*

43 Only training with WSDOT TCS card and WSDOT training curriculum is recognized in
44 the State of Washington. The Traffic Control Supervisor shall be certified by one of the
45 following:
46

47 The Northwest Laborers-Employers Training Trust
48 27055 Ohio Ave.
49 Kingston, WA 98346

1 (360) 297-3035

2
3 Evergreen Safety Council
4 12545 135th Ave. NE
5 Seattle, WA 98034-87091-800-521-0778 or

6
7 The American Traffic Safety Services Association
8 15 Riverside Parkway, Suite 100
9 Fredericksburg, Virginia 22406-1022
10 Training Dept. Toll Free (877) 642-4637
11 Phone (540) 368*1701
12

13 **1-10.4(1) Measurement**

14
15 ***Lump Sum Bid for Project (No Unit Items)***

16
17 *(August 2, 2004 WSDOT GSP)*

18 The proposal contains the item "Project Temporary Traffic Control", lump sum. The
19 provisions of Section 1-10.4(1) shall apply.
20

21 **1-10.4(3) Reinstating Unit Items With Lump Sum Traffic Control**

22
23 This section is supplemented with the following:

24
25 *(August 2, 2004 WSDOT GSP)*

26 The bid proposal contains the item "Project Temporary Traffic Control", lump sum and
27 the additional temporary traffic control items listed below. The provisions of Section 1-
28 10.4(1), Section 1-10.4(3), and Section 1-10.5(3) shall apply.
29

30 ***Construction Signs Class "A"***
31

**DIVISION 2
EARTHWORK**

2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1 Description

This section is supplemented with the following:

(March 13, 1995 WSDOT GSP)

Clearing and grubbing on this project shall be performed within the following limits:

As staked in the field by the Engineer. The Contractor shall not incorporate organic material as backfill material. All organic material shall be disposed of off-site.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.1 Description

This section is supplemented with the following:

(*****)

This work shall consist of removing and disposing all items except the bridge that interfere with construction. This includes, but is not limited to, all asphalt concrete pavement, drainage facilities, abandoned pipes/culverts, fences, signs, and other items designated on the Plans for removal.

2-02.3 Construction Requirements

This section is supplemented with the following:

(*****)

Waste Site

A waste site has not been provided as part of the Contract. Any waste material such as excess trench excavated materials, pavement, cement concrete, and other debris shall be disposed of offsite at a Contractor provided waste site. Disposal and waste sites shall meet all requirements of the governing County District Health Department and Chapter 173-304 WAC. When a waste site exceeds two thousand cubic yards of inert waste and demolition waste during the life of the landfill, the Contractor shall obtain and pay all costs as required to obtain a solid waste handling facility permit from the Health Department when required.

The Contractor shall be responsible to make all arrangements and bear all costs associated for use of Non-Contracting Agency provided waste site(s). The Contractor shall provide to the Contracting Agency a copy of the written and signed agreement with the property owner for use of the property for a waste site. The Agreement shall include at a minimum the following:

1. Name of legal owner of the property.
2. General description and location of the waste site to include all boundaries imposed by the property owner.
3. Haul routes agreed to by the property owner and Contractor.
4. All restrictive dates that the property owner may have for not allowing use of the property for dumping excess materials.
5. All special conditions to include placement of materials, all compaction requirements and finished surfaces of the waste sites imposed by the property owner.

2-02.3(2) Removal of Bridges, Box Culverts, and Other Drainage Structures

This section is supplemented with the following:

(*****)

Requirements for Closing Bridge to Traffic Prior to Beginning Removal

The Contractor shall not close the existing bridge to traffic, and shall not begin bridge removal operations, until the following conditions are met:

1. The Contractor has received the Engineer's approval of the bridge demolition plan.
2. The Contractor has received the Engineer's approval of all shop drawings and materials submittals for materials required for the work to be executed during the closure.
3. The Contractor has submitted a report on the status of material delivery to the Engineer. The report shall specify the materials already available at the site, the materials yet to arrive at the site, and the scheduled delivery dates of the materials yet to arrive at the site, with written verification from the supplier or copies of confirmed purchase orders indicating the delivery dates of the materials yet to arrive at the site.
4. The Contractor shall provide an updated progress schedule in accordance with Section 1-08.3 confirming that the scheduled delivery of materials will meet the schedule to complete the work within the allowed time. The Contractor shall supplement the progress schedule with a written narrative describing the assumed production rates and planned resource allocations that support the bridge construction activity durations provided in the progress schedule.
5. The Contractor has received the Engineer's approval to proceed.

2-02.3(2)A Bridge and Structure Removal

This section is supplemented with the following:

(*****)

Materials

Plans of the existing bridge are included in the Appendix. The Contractor shall dismantle the superstructure in a way that preserves the deck stringers and other salvageable timber and steel components. The stringers shall be stripped of all spikes and nails. The Owners Representative will determine which materials are salvageable. All salvaged components shall be delivered by the Contractor to the Franklin County Public Works shop at 105 Hawthorn Street in Connell, Washington.

2-02.5 Payment

This section is supplemented with the following:

(*****)

"Removal of Structure and Obstruction", lump sum.

The unit Contract price for " Removal of Structure and Obstruction " shall be full pay for all work and materials necessary to remove and dispose of all signs, fences, pipes, culverts, markers, pavement, and other items designated on the Plans for removal, except the existing bridge, that interfere with construction.

"Removing Existing Bridge", lump sum.

The unit Contract price for "Removing Existing Bridge" shall be full pay for all work and materials necessary to remove the existing bridge along with the salvage and delivery of salvaged components as specified. Payment shall include all costs to construct and remove the access to the canal and any pumping of water that may be required to remove water from the work area.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.3 Construction Requirements

This section is supplemented with the following:

(*****)

Grade Checker

The Contractor shall supply a grade checker on the project. The Grade Checker shall insure that the Subgrade is to within +/- 0.1 foot of design elevation prior to the Contractor requesting Blue Tops. The Contractor must provide two working days notice for each survey request.

(*****)

In-slopes and Back-slopes

The Contractor shall not place any crushed surfacing until the in-slopes and back-slopes have been completed to the satisfaction of the Engineer. These areas shall be compacted and prepared unless otherwise specified or ordered by the Engineer. A cleated roller, crawler tractor, or similar equipment, approved by the Engineer, that forms longitudinal depressions

at least two (2) inches deep shall be used for compaction and produce an aesthetic and pleasing appearance.

2-03.3(13) Borrow

This section is supplemented with the following:

(*****)

The Contractor shall obtain needed borrow from an off-site source. The basis for estimated earthwork quantities is as follows:

Material Required

Embankment (In-Place)	5000 CY
Shrinkage (estimated at 30%)	<u>2140 CY</u>
Total Material Required	7140 CY

Material Available

Roadway Excavation	<u>360 CY</u>
Total Material Available	360 CY

Borrow Material Required

6780 CY

The above quantities and assumed shrinkage value are approximate and are for general information only. Prospective bidders should verify quantities before submitting a bid. No adjustments to the quantity other than for approved changes will be made to the quantity even though actual quantities may deviate from those listed.

Copies of the ground cross-section notes will be available for the bidder's inspection, before the opening of bids, at the Project Engineer's office.

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.

2-06 SUBGRADE PREPARATION

2-06.3(2) Subgrade for Pavement

(*****)

The second sentence of this section is revised as follows:

The Contractor shall compact the Subgrade to a depth of 12 inches to 95 percent standard density as determined by the compaction control tests for granular materials.

2-11 TRIMMING AND CLEANUP

2-11.3 Construction Requirements

(*****)

This section is supplemented with the following:

The Contractor shall, at the completion of the contract, remove and properly dispose of all construction staking.

DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS

5-04 HOT MIX ASPHALT

(July 18, 2018 APWA GSP)

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

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

6
7 The Contractor may choose to utilize recycled asphalt pavement (RAP) in the production of
8 HMA. The RAP may be from pavements removed under the Contract, if any, or pavement
9 material from an existing stockpile.

10
11 The Contractor may use up to 20 percent RAP by total weight of HMA with no additional
12 sampling or testing of the RAP. The RAP shall be sampled and tested at a frequency of one
13 sample for every 1,000 tons produced and not less than ten samples per project. The asphalt
14 content and gradation test data shall be reported to the Contracting Agency when submitting
15 the mix design for approval on the QPL. The Contractor shall include the RAP as part of the
16 mix design as defined in these Specifications.

17
18 The grade of asphalt binder shall be as required by the Contract. Blending of asphalt binder
19 from different sources is not permitted.

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

25
26 Production of aggregates shall comply with the requirements of Section 3-01.

27
28 Preparation of stockpile site, the stockpiling of aggregates, and the removal of aggregates
29 from stockpiles shall comply with the requirements of Section 3-02.

30 31 **5-04.2(1) How to Get an HMA Mix Design on the QPL**

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

34 35 **5-04.2(1)A Vacant**

36 37 **5-04.2(2) Mix Design – Obtaining Project Approval**

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

39
40 **Nonstatistical** evaluation will be used for all HMA not designated as Commercial HMA in the
41 contract documents.

42
43 **Commercial** evaluation will be used for Commercial HMA and for other classes of HMA in
44 the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores,
45 prelevel, and pavement repair. Other nonstructural applications of HMA accepted by
46 commercial evaluation shall be as approved by the Project Engineer. Sampling and testing of
47 HMA accepted by commercial evaluation will be at the option of the Project Engineer. The
48 Proposal quantity of HMA that is accepted by commercial evaluation will be excluded from the
49 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 **1. Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt
2 binder shall be equipped to heat and hold the material at the required temperatures.
3 The heating shall be accomplished by steam coils, electricity, or other approved means
4 so that no flame shall be in contact with the storage tank. The circulating system for
5 the asphalt binder shall be designed to ensure proper and continuous circulation
6 during the operating period. A valve for the purpose of sampling the asphalt binder
7 shall be placed in either the storage tank or in the supply line to the mixer.
- 8 **2. Thermometric Equipment** – An armored thermometer, capable of detecting
9 temperature ranges expected in the HMA mix, shall be fixed in the asphalt binder feed
10 line at a location near the charging valve at the mixer unit. The thermometer location
11 shall be convenient and safe for access by Inspectors. The plant shall also be
12 equipped with an approved dial-scale thermometer, a mercury actuated thermometer,
13 an electric pyrometer, or another approved thermometric instrument placed at the
14 discharge chute of the drier to automatically register or indicate the temperature of the
15 heated aggregates. This device shall be in full view of the plant operator.
- 16 **3. Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed
17 the maximum recommended by the asphalt binder manufacturer nor shall it be below
18 the minimum temperature required to maintain the asphalt binder in a homogeneous
19 state. The asphalt binder shall be heated in a manner that will avoid local variations in
20 heating. The heating method shall provide a continuous supply of asphalt binder to the
21 mixer at a uniform average temperature with no individual variations exceeding 25°F.
22 Also, when a WMA additive is included in the asphalt binder, the temperature of the
23 asphalt binder shall not exceed the maximum recommended by the manufacturer of
24 the WMA additive.
- 25 **4. Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with
26 a mechanical sampler for the sampling of the mineral materials. The mechanical
27 sampler shall meet the requirements of Section 1-05.6 for the crushing and screening
28 operation. The Contractor shall provide for the setup and operation of the field testing
29 facilities of the Contracting Agency as provided for in Section 3-01.2(2).
- 30 **5. Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the
31 following methods:
 - 32 a. A mechanical sampling device attached to the HMA plant.
 - 33 b. Platforms or devices to enable sampling from the hauling vehicle without
34 entering the hauling vehicle.

35 36 **5-04.3(3)B Hauling Equipment**

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

42
43 The contractor shall provide an environmentally benign means to prevent the HMA mixture
44 from adhering to the hauling equipment. Excess release agent shall be drained prior to filling
45 hauling equipment with HMA. Petroleum derivatives or other coating material that contaminate
46 or alter the characteristics of the HMA shall not be used. For live bed trucks, the conveyer
47 shall be in operation during the process of applying the release agent.

48 49 **5-04.3(3)C Pavers**

1 HMA pavers shall be self-contained, power-propelled units, provided with an internally heated
2 vibratory screed and shall be capable of spreading and finishing courses of HMA plant mix
3 material in lane widths required by the paving section shown in the Plans.
4

5 The HMA paver shall be in good condition and shall have the most current equipment
6 available from the manufacturer for the prevention of segregation of the HMA mixture installed,
7 in good condition, and in working order. The equipment certification shall list the make, model,
8 and year of the paver and any equipment that has been retrofitted.
9

10 The screed shall be operated in accordance with the manufacturer's recommendations and
11 shall effectively produce a finished surface of the required evenness and texture without
12 tearing, shoving, segregating, or gouging the mixture. A copy of the manufacturer's
13 recommendations shall be provided upon request by the Contracting Agency. Extensions will
14 be allowed provided they produce the same results, including ride, density, and surface
15 texture as obtained by the primary screed. Extensions without augers and an internally heated
16 vibratory screed shall not be used in the Traveled Way.
17

18 When specified in the Contract, reference lines for vertical control will be required. Lines shall
19 be placed on both outer edges of the Traveled Way of each Roadway. Horizontal control
20 utilizing the reference line will be permitted. The grade and slope for intermediate lanes shall
21 be controlled automatically from reference lines or by means of a mat referencing device and
22 a slope control device. When the finish of the grade prepared for paving is superior to the
23 established tolerances and when, in the opinion of the Engineer, further improvement to the
24 line, grade, cross-section, and smoothness can best be achieved without the use of the
25 reference line, a mat referencing device may be substituted for the reference line. Substitution
26 of the device will be subject to the continued approval of the Engineer. A joint matcher may
27 be used subject to the approval of the Engineer. The reference line may be removed after the
28 completion of the first course of HMA when approved by the Engineer. Whenever the Engineer
29 determines that any of these methods are failing to provide the necessary vertical control, the
30 reference lines will be reinstalled by the Contractor.
31

32 The Contractor shall furnish and install all pins, brackets, tensioning devices, wire, and
33 accessories necessary for satisfactory operation of the automatic control equipment.
34

35 If the paving machine in use is not providing the required finish, the Engineer may suspend
36 Work as allowed by Section 1-08.6. Any cleaning or solvent type liquids spilled on the
37 pavement shall be thoroughly removed before paving proceeds.
38

39 **5-04.3(3)D Material Transfer Device or Material Transfer Vehicle**

40 A Material Transfer Device/Vehicle (MTD/V) shall only be used with the Engineer's approval,
41 unless other-wise required by the contract.
42

43 Where an MTD/V is required by the contract, the Engineer may approve paving without an
44 MTD/V, at the request of the Contractor. The Engineer will determine if an equitable
45 adjustment in cost or time is due.
46

47 When used, the MTD/V shall mix the HMA after delivery by the hauling equipment and prior
48 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

1 patched area shall be leveled and compacted thoroughly. Prior to the application of tack coat,
2 or paving, the condition of the surface shall be approved by the Engineer.

3
4 A tack coat of asphalt shall be applied to all paved surfaces on which any course of HMA is
5 to be placed or abutted; except that tack coat may be omitted from clean, newly paved
6 surfaces at the discretion of the Engineer. Tack coat shall be uniformly applied to cover the
7 existing pavement with a thin film of residual asphalt free of streaks and bare spots at a rate
8 between 0.02 and 0.10 gallons per square yard of retained asphalt. The rate of application
9 shall be approved by the Engineer. A heavy application of tack coat shall be applied to all
10 joints. For Roadways open to traffic, the application of tack coat shall be limited to surfaces
11 that will be paved during the same working shift. The spreading equipment shall be equipped
12 with a thermometer to indicate the temperature of the tack coat material.

13
14 Equipment shall not operate on tacked surfaces until the tack has broken and cured. If the
15 Contractor's operation damages the tack coat it shall be repaired prior to placement of the
16 HMA.

17
18 The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h
19 emulsified asphalt may be diluted once with water at a rate not to exceed one part water to
20 one part emulsified asphalt. The tack coat shall have sufficient temperature such that it may
21 be applied uniformly at the specified rate of application and shall not exceed the maximum
22 temperature recommended by the emulsified asphalt manufacturer.

23 24 **5-04.3(4)A Crack Sealing**

25 26 **5-04.3(4)A1 General**

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

29
30 **Cleaning:** Ensure that cracks are thoroughly clean, dry and free of all loose and foreign
31 material when filling with crack sealant material. Use a hot compressed air lance to dry and
32 warm the pavement surfaces within the crack immediately prior to filling a crack with the
33 sealant material. Do not overheat pavement. Do not use direct flame dryers. Routing cracks
34 is not required.

35
36 **Sand Slurry:** For cracks that are to be filled with sand slurry, thoroughly mix the components
37 and pour the mixture into the cracks until full. Add additional CSS-1 cationic emulsified asphalt
38 to the sand slurry as needed for workability to ensure the mixture will completely fill the cracks.
39 Strike off the sand slurry flush with the existing pavement surface and allow the mixture to
40 cure. Top off cracks that were not completely filled with additional sand slurry. Do not place
41 the HMA overlay until the slurry has fully cured.

42
43 The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt,
44 approximately 2 percent portland cement, water (if required), and the remainder clean Class
45 1 or 2 fine aggregate per section 9-03.1(2). The components shall be thoroughly mixed and
46 then poured into the cracks and joints until full. The following day, any cracks or joints that are
47 not completely filled shall be topped off with additional sand slurry. After the sand slurry is
48 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 $\frac{1}{4}$ 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 $\frac{1}{4}$ 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

1 mixed until complete and uniform coating of the particles and thorough distribution of the
2 asphalt binder throughout the mineral materials, and RAP is ensured.

3 4 **5-04.3(7) Spreading and Finishing**

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

9

10 HMA Class 1"	0.35 feet
11 HMA Class $\frac{3}{4}$ " and HMA Class $\frac{1}{2}$ "	
12 wearing course	0.30 feet
13 other courses	0.35 feet
14 HMA Class $\frac{3}{8}$ "	0.15 feet

15

16 On areas where irregularities or unavoidable obstacles make the use of mechanical spreading
17 and finishing equipment impractical, the paving may be done with other equipment or by hand.
18 When more than one JMF is being utilized to produce HMA, the material produced for each
19 JMF shall be placed by separate spreading and compacting equipment. The intermingling of
20 HMA produced from more than one JMF is prohibited. Each strip of HMA placed during a work
21 shift shall conform to a single JMF established for the class of HMA specified unless there is
22 a need to make an adjustment in the JMF.

23 24 **5-04.3(7)A Mix Design**

25 The mix design shall include in the ESAL range, the design estimate for this project of
26 0.3 to 3 million.

27 28 **5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA**

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

33 34 **5-04.3(9) HMA Mixture Acceptance**

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

36
37 Nonstatistical evaluation will be used for the acceptance of HMA unless Commercial
38 Evaluation is specified.

39
40 Commercial evaluation will be used for Commercial HMA and for other classes of HMA in the
41 following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores,
42 prelevel, temporary pavement, and pavement repair. Other nonstructural applications of HMA
43 accepted by commercial evaluation shall be as approved by the Engineer. Sampling and
44 testing of HMA accepted by commercial evaluation will be at the option of the Engineer.

45
46 The mix design will be the initial JMF for the class of HMA. The Contractor may request a
47 change in the JMF. Any adjustments to the JMF will require the approval of the Engineer and
48 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 Percent Passing	Non-Statistical Evaluation	Commercial Evaluation
1", $\frac{3}{4}$ ", $\frac{1}{2}$ ", and $\frac{3}{8}$ " 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 $1\frac{1}{2}$ ", 1", $\frac{3}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{8}$ ", 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 (Va) (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 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 93.0 (minimum of 93 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

1 designated by the Engineer. If the Contract does not include the Bid item "Roadway Core" the
2 Contracting Agency will obtain the cores.

3
4 For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request
5 after the Engineer is satisfied that material conforming to the Specifications can be produced.

6
7 HMA mixture accepted by commercial evaluation and HMA constructed under conditions
8 other than those listed above shall be compacted on the basis of a test point evaluation of the
9 compaction train. The test point evaluation shall be performed in accordance with instructions
10 from the Engineer. The number of passes with an approved compaction train, required to
11 attain the maximum test point density, shall be used on all subsequent paving.

12
13 HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling wheel
14 rutting shall be compacted with a pneumatic tire roller unless otherwise approved by the
15 Engineer.

16 17 **Test Results**

18 For a subplot that has been tested with a nuclear density gauge that did not meet the minimum
19 of 93 percent of the reference maximum density in a compaction lot with a CPF below 1.00
20 and thus subject to a price reduction or rejection, the Contractor may request that a core be
21 used for determination of the relative density of the subplot. The relative density of the core will
22 replace the relative density determined by the nuclear density gauge for the subplot and will be
23 used for calculation of the CPF and acceptance of HMA compaction lot.

24
25 When cores are taken by the Contracting Agency at the request of the Contractor, they shall
26 be requested by noon of the next workday after the test results for the subplot have been
27 provided or made available to the Contractor. Core locations shall be outside of wheel paths
28 and as determined by the Engineer. Traffic control shall be provided by the Contractor as
29 requested by the Engineer. Failure by the Contractor to provide the requested traffic control
30 will result in forfeiture of the request for cores. When the CPF for the lot based on the results
31 of the HMA cores is less than 1.00, the cost for the coring will be deducted from any monies
32 due or that may become due the Contractor under the Contract at the rate of \$200 per core
33 and the Contractor shall pay for the cost of the traffic control.

34 35 **5-04.3(10)A HMA Compaction – General Compaction Requirements**

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

42
43 The type of rollers to be used and their relative position in the compaction sequence shall
44 generally be the Contractor's option, provided the specified densities are attained. Unless the
45 Engineer has approved otherwise, rollers shall only be operated in the static mode when the
46 internal temperature of the mix is less than 175°F. Regardless of mix temperature, a roller
47 shall not be operated in a mode that results in checking or cracking of the mat. Rollers shall
48 only be operated in static mode on bridge decks.

1 **5-04.3(10)B HMA Compaction – Cyclic Density**

2 Low cyclic density areas are defined as spots or streaks in the pavement that are less than
3 91 percent of the theoretical maximum density. At the Engineer's discretion, the Engineer may
4 evaluate the HMA pavement for low cyclic density, and when doing so will follow WSDOT
5 SOP 733. A \$500 Cyclic Density Price Adjustment will be assessed for any 500-foot section
6 with two or more density readings below 91 percent of the theoretical maximum density.
7

8 **5-04.3(10)C Vacant**

9
10 **5-04.3(10)D HMA Nonstatistical Compaction**

11
12 **5-04.3(10)D1 HMA Nonstatistical Compaction – Lots and Sublots**

13 HMA compaction which is accepted by nonstatistical evaluation will be based on acceptance
14 testing performed by the Contracting Agency dividing the project into compaction lots.
15

16 A lot is represented by randomly selected samples of the same mix design that will be tested
17 for acceptance. A lot is defined as the total quantity of material or work produced for each Job
18 Mix Formula placed. Only one lot per JMF is expected. A subplot shall be equal to one day's
19 production or 400 tons, whichever is less except that the final subplot will be a minimum of 200
20 tons and may be increased to 800 tons. Testing for compaction will be at the rate of 5 tests
21 per subplot per WSDOT T 738.
22

23 The subplot locations within each density lot will be determined by the Engineer. For a lot in
24 progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the
25 Engineer is satisfied that material conforming to the Specifications can be produced.
26

27 HMA mixture accepted by commercial evaluation and HMA constructed under conditions
28 other than those listed above shall be compacted on the basis of a test point evaluation of the
29 compaction train. The test point evaluation shall be performed in accordance with instructions
30 from the Engineer. The number of passes with an approved compaction train, required to
31 attain the maximum test point density, shall be used on all subsequent paving.
32

33 HMA for preleveling shall be thoroughly compacted. HMA that is used to prelevel wheel ruts
34 shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

35 **5-04.3(10)D2 HMA Compaction Nonstatistical Evaluation – Acceptance Testing**

36 The location of the HMA compaction acceptance tests will be randomly selected by the
37 Engineer from within each subplot, with one test per subplot.
38

39 **5-04.3(10)D3 HMA Nonstatistical Compaction – Price Adjustments**

40 For each compaction lot with one or two sublots, having all sublots attain a relative density
41 that is 93 percent of the reference maximum density the HMA shall be accepted at the unit
42 Contract price with no further evaluation. When a subplot does not attain a relative density that
43 is 93 percent of the reference maximum density, the lot shall be evaluated in accordance with
44 Section 1-06.2 to determine the appropriate CPF. The maximum CPF shall be 1.00, however,
45 lots with a calculated CPF in excess of 1.00 will be used to offset lots with CPF values below
46 1.00 but greater than 0.90. Lots with CPF lower than 0.90 will be evaluated for compliance
47 per 5-04.3(11). Additional testing by either a nuclear moisture-density gauge or cores will be
48 completed as required to provide a minimum of three tests for evaluation.
49

1 For compaction below the required 93% a Non-Conforming Compaction Factor (NCCF) will
2 be determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by
3 40 percent. The Compaction Price Adjustment will be calculated as the product of CPF, the
4 quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of
5 mix.

6 7 **5-04.3(11) Reject Work**

8 9 **5-04.3(11)A Reject Work General**

10 Work that is defective or does not conform to Contract requirements shall be rejected. The
11 Contractor may propose, in writing, alternatives to removal and replacement of rejected
12 material. Acceptability of such alternative proposals will be determined at the sole discretion
13 of the Engineer. HMA that has been rejected is subject to the requirements in Section 1-
14 06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to
15 the Engineer for approval.

16 17 **5-04.3(11)B Rejection by Contractor**

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

21 22 **5-04.3(11)C Rejection Without Testing (Mixture or Compaction)**

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

26
27 No payment will be made for the rejected materials or the removal of the materials unless the
28 Contractor requests that the rejected material be tested. If the Contractor elects to have the
29 rejected material tested, a minimum of three representative samples will be obtained and
30 tested. Acceptance of rejected material will be based on conformance with the nonstatistical
31 acceptance Specification. If the CPF for the rejected material is less than 0.75, no payment
32 will be made for the rejected material; in addition, the cost of sampling and testing shall be
33 borne by the Contractor. If the CPF is greater than or equal to 0.75, the cost of sampling and
34 testing will be borne by the Contracting Agency. If the material is rejected before placement
35 and the CPF is greater than or equal to 0.75, compensation for the rejected material will be at
36 a CPF of 0.75. If rejection occurs after placement and the CPF is greater than or equal to
37 0.75, compensation for the rejected material will be at the calculated CPF with an addition of
38 25 percent of the unit Contract price added for the cost of removal and disposal.

39 40 **5-04.3(11)D Rejection - A Partial Sublot**

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

47 48 **5-04.3(11)E Rejection - An Entire Sublot**

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

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

5
6 The Contractor shall shut down operations and shall not resume HMA placement until such
7 time as the Engineer is satisfied that material conforming to the Specifications can be
8 produced:
9

- 10 1. When the Composite Pay Factor (CPF) of a lot in progress drops below 1.00 and the
- 11 Contractor is taking no corrective action, or
- 12 2. When the Pay Factor (PF) for any constituent of a lot in progress drops below 0.95
- 13 and the Contractor is taking no corrective action, or
- 14 3. When either the PFi for any constituent or the CPF of a lot in progress is less than
- 15 0.75.
16

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

17
18 An entire lot with a CPF of less than 0.75 will be rejected.
19

5-04.3(12) Joints

5-04.3(12)A HMA Joints

5-04.3(12)A1 Transverse Joints

20
21 The Contractor shall conduct operations such that the placing of the top or wearing course is
22 a continuous operation or as close to continuous as possible. Unscheduled transverse joints
23 will be allowed and the roller may pass over the unprotected end of the freshly laid mixture
24 only when the placement of the course must be discontinued for such a length of time that the
25 mixture will cool below compaction temperature. When the Work is resumed, the previously
26 compacted mixture shall be cut back to produce a slightly beveled edge for the full thickness
27 of the course.
28

29 A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse
30 joint as a result of paving or planing is open to traffic. The HMA in the temporary wedge shall
31 be separated from the permanent HMA by strips of heavy wrapping paper or other methods
32 approved by the Engineer. The wrapping paper shall be removed and the joint trimmed to a
33 slightly beveled edge for the full thickness of the course prior to resumption of paving.
34

35 The material that is cut away shall be wasted and new mix shall be laid against the cut. Rollers
36 or tamping irons shall be used to seal the joint.
37

5-04.3(12)A2 Longitudinal Joints

38
39 The longitudinal joint in any one course shall be offset from the course immediately below by
40 not more than 6 inches nor less than 2 inches. All longitudinal joints constructed in the wearing
41 course shall be located at a lane line or an edge line of the Traveled Way. A notched wedge
42 joint shall be constructed along all longitudinal joints in the wearing surface of new HMA unless
43 otherwise approved by the Engineer. The notched wedge joint shall have a vertical edge of
44 not less than the maximum aggregate size or more than $\frac{1}{2}$ of the compacted lift thickness and
45
46
47
48

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

1 for each and every section of single traffic lane 100 feet in length in which any excessive
2 deviations described above are found.

3
4 When utility appurtenances such as manhole covers and valve boxes are located in the
5 traveled way, the utility appurtenances shall be adjusted to the finished grade prior to paving.
6 This requirement may be waived when requested by the Contractor, at the discretion of the
7 Engineer or when the adjustment details provided in the project plan or specifications call for
8 utility appurtenance adjustments after the completion of paving.

9
10 Utilities shall be raised to the finished grade PRIOR to final paving.

11 12 **5-04.3(14) Planing (Milling) Bituminous Pavement**

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

16
17 Locations of existing surfacing to be planed are as shown in the Drawings.

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

21
22 Use the cold milling method for planing unless otherwise specified in the Contract. Do not use
23 the planer on the final wearing course of new HMA.

24
25 Conduct planing operations in a manner that does not tear, break, burn, or otherwise damage
26 the surface which is to remain. The finished planed surface must be slightly grooved or
27 roughened and must be free from gouges, deep grooves, ridges, or other imperfections. The
28 Contractor must repair any damage to the surface by the Contractor's planing equipment,
29 using an Engineer approved method.

30
31 Repair or replace any metal castings and other surface improvements damaged by planing,
32 as determined by the Engineer.

33
34 A tapered wedge cut must be planed longitudinally along curb lines sufficient to provide a
35 minimum of 4 inches of curb reveal after placement and compaction of the final wearing
36 course. The dimensions of the wedge must be as shown on the Drawings or as specified by
37 the Engineer.

38
39 A tapered wedge cut must also be made at transitions to adjoining pavement surfaces (meet
40 lines) where butt joints are shown on the Drawings. Cut butt joints in a straight line with vertical
41 faces 2 inches or more in height, producing a smooth transition to the existing adjoining
42 pavement.

43
44 After planing is complete, planed surfaces must be swept, cleaned, and if required by the
45 Contract, patched and preleveled.

46
47 The Engineer may direct additional depth planing. Before performing this additional depth
48 planing, the Contractor must conduct a hidden metal in pavement detection survey as
49 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.

1 **5-04.3(15) Sealing Pavement Surfaces**

2 Apply a fog seal where shown in the plans. Construct the fog seal in accordance with Section
3 5-02.3. Unless otherwise approved by the Engineer, apply the fog seal prior to opening to
4 traffic.

5
6 **5-04.3(16) HMA Road Approaches**

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

9
10 **5-04.4 Measurement**

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

16
17 **5-04.5 Payment**

18 Payment will be made for each of the following Bid items that are included in the Proposal:
19 "HMA Cl. ____ PG ____", per ton.

20
21 "HMA for Approach ____" per ton.

22
23 The unit Contract price per ton for "HMA Cl. ____ PG ____" and "HMA for approach____" shall
24 be full compensation for all costs, including anti-stripping additive, incurred to carry out the
25 requirements of Section 5-04 except for those costs included in other items which are included
26 in this Subsection and which are included in the Proposal.

27
28 "Job Mix Compliance Price Adjustment", by calculation.

29
30 "Job Mix Compliance Price Adjustment" will be calculated and paid for as described in Section
31 5-04.3(9)C6.

32
33 "Compaction Price Adjustment", by calculation.

34
35 "Compaction Price Adjustment" will be calculated and paid for as described in Section
36 5-04.3(10)D3.

**DIVISION 6
STRUCTURES**

6-01 GENERAL REQUIREMENTS FOR STRUCTURES

6-01 Liquidated Damages

This section is supplemented with the following:

(*****)

Liquidated Damages

Delayed completion of work in relation to the canal that would interfere with the charging of the irrigation pipe and/or distribution of irrigation water from the canal will result in impacts to the South Columbia Basin Irrigation District and cause other inconveniences and harm far in excess of those resulting from delay of most projects.

Accordingly, the Contractor agrees:

1. To pay \$10,000 liquidated damages per day for each day that the work within the waterway is not completed by March 1st, 2021 regardless of remaining working days as specified in Section 1-08.5 of the Special Provisions.
2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due the Contractor.

6-02 CONCRETE STRUCTURES

6-02.2 Materials

Section 6-02.2 is supplemented with the following:

(April 1, 2013 WSDOT GSP)

Resin Bonded Anchors

The resin bonded anchor system shall include the nut, washer, and threaded anchor rod which is installed into hardened concrete with a resin bonding material.

Resin bonding material used in overhead and horizontal application shall be specifically recommended by the resin manufacturer for those applications.

Resin bonding material used in submerged liquid environment shall be specifically recommended by the resin manufacturer for this application.

The resin bonded anchor system shall conform to the following requirements:

1. Threaded Anchor Rod and Nuts

Threaded anchor rods shall conform to ASTM A 193 Grade B7 or ASTM A 449, except as otherwise noted, and be fully threaded. Threaded anchor rods for stainless steel resin bonded anchor systems shall conform to ASTM F 593 and shall be Type 304 unless otherwise specified.

Nuts shall conform to ASTM A 563, Grade DH, except as otherwise noted. Nuts for stainless steel resin bonded anchor systems shall conform to ASTM F 594 and shall be Type 304 unless otherwise specified.

Washers shall conform to ASTM F 436, and shall meet the same requirements as the supplied anchor rod, except as otherwise noted. Washers for stainless steel resin bonded anchor systems shall conform to ASTM A 240 and the geometric requirements of ASME B18.21.1 and shall be Type 304 Stainless Steel unless otherwise specified.

Nuts and threaded anchor rods, except those manufactured of stainless steel, shall be galvanized in accordance with AASHTO M 232. Galvanized threaded anchor rods shall be tested for embrittlement after galvanizing, in accordance with Section 9-29.6(5).

Threaded anchor rods used with resin capsules shall have the tip of the rod chiseled in accordance with the resin capsule manufacturer's recommendations. Galvanized threaded rods shall have the tip chiseled prior to galvanizing.

2. Resin Bonding Material

Resin bonding material shall be a two component epoxy resin conforming to Type IV ASTM C 881 or be one of the following:

- a. Vinyl ester resin.
- b. Polyester resin.
- c. Methacrylate resin.

3. Ultimate Anchor Tensile Capacity

Resin bonded anchors shall be tested in accordance with ASTM E 488 to have the following minimum ultimate tensile load capacity when installed in concrete having a maximum compressive strength of 6000 pounds per square inch (psi) at the embedment specified below:

Anchor Diameter (inch)	Tensile Capacity (lbs.)	Embedment (inch)
3/8	7,800	3-3/8
1/2	12,400	4-1/2
5/8	19,000	5-5/8
3/4	27,200	6-3/4
7/8	32,000	7-7/8
1	41,000	9
1-1/4	70,000	11-1/4

The Contractor shall submit items 1 and 2 below to the Engineer for all resin bonded anchor systems. If the resin bonded anchor system and anchor diameter are not listed in the current WSDOT Qualified Products List, the Contractor shall also submit item 3 below to the Engineer.

For resin bonded anchor systems that are installed in a submerged liquid environment the Contractor shall submit items 1, 2, and 4 below. If the resin bonded anchor system and anchor diameter are not listed in the current WSDOT Qualified Products List, the Contractor shall also submit item 3 below to the Engineer.

1. The resin manufacturer's written installation procedure for the anchors.
2. The manufacturer's certificate of compliance for the threaded anchor rod certifying that the anchor rod meets these requirements.
3. Test results by an independent laboratory certifying that the threaded anchor rod system meets the ultimate anchor tensile load capacity specified in the above table. The tests shall be performed in accordance with ASTM E 488.
4. For threaded anchors intended to be installed in submerged liquid environments the Contractor shall submit tests performed by an independent laboratory within the past 24 months which certifies that anchors installed in a submerged environment meet the strength requirements specified in the above table.

(December 2, 2002 WSDOT GSP)

Epoxy Bonding Agent for Surfaces and for Steel Reinforcing Bar Dowels

Epoxy bonding agent for surfaces shall be Type II, as specified in Section 9-26.1. Epoxy bonding agent for steel reinforcing bar dowels shall be either Type I or Type IV, as specified in Section 9-26.1. The grade and class of epoxy bonding agent shall be as recommended by the resin manufacturer and approved by the Engineer.

(December 2, 2002 WSDOT GSP)

Epoxy Mortar

Epoxy mortar shall be composed of one part of epoxy bonding agent, Type III, as specified in Section 9-26.1, and two parts of clean, fine grained sand, by volume. The grade and class of epoxy bonding agent shall be as recommended by the resin manufacturer and approved by the Engineer.

(April 6, 2015 WSDOT GSP)

Rapid Cure Silicone Sealant

Rapid cure silicone sealant shall be Dow Corning 902 RCS Joint Sealant.

The Contractor shall deliver the joint sealant to the job site in the sealant manufacturer's original sealed container. Each container shall be marked with the sealant manufacturer's name and lot or batch number. Each lot or batch shall be accompanied by the manufacturer's Materials Safety Data Sheet (MSDS), and Manufacturer's Certificate of Compliance, identifying the lot or batch number, and certifying that the materials conform to the properties stated on the product data sheet.

The backer rod shall be closed cell expanded polyethylene foam as recommended by the sealant manufacturer. The diameter of the backer rod shall be as recommended by the sealant manufacturer for the expansion joint opening at the time of installation.

6-02.3 Construction Requirements

1 Section 6-02.3 is supplemented with the following:

2
3 *(August 3, 2015 WSDOT GSP)*

4 **Bridge Supported Utilities**

5 The Contractor shall furnish and install inserts for the bridge utility supports as shown in the
6 Plans. The Contractor shall verify that the hanger rods freely hang plumb in their inserts and
7 shall make adjustments to the inserts as necessary and as accepted by the Engineer prior to
8 utility installation.

9
10 *(*****)*

11 The Contractor shall anticipate working over and around the Pothole East Canal, which
12 maintains continuous flow throughout the calendar year. Contractor shall implement
13 appropriate safety measures to ensure materials, equipment, personnel, and debris does not
14 enter the canal waters.

15
16 **6-02.3(10) Bridge Decks and Bridge Approach Slabs**

17
18 **6-02.3(10)F Bridge Approach Slab Orientation and Anchors**

19
20 Section 6-02.3(10)F is supplemented with the following:

21
22 *(August 4, 2008 WSDOT GSP)*

23 The pavement end of the bridge approach slab shall be constructed parallel to the pavement
24 seat.

25
26 **6-02.3(18) Placing Anchor Bolts**

27
28 Section 6-02.3(18) is supplemented with the following:

29
30 *(January 3, 2011 WSDOT GSP)*

31 **Resin Bonded Anchors**

32 The embedment depth of the anchors shall be as specified in the Plans. If the embedment
33 depth of the anchor is not specified in the Plans then the embedment depth shall be as
34 specified in the table of minimum and maximum torque below.

35
36 The anchors shall be installed in accordance with the resin manufacturer's written procedure.

37
38 Holes shall be drilled as specified in the Plans. Holes may be drilled with a rotary hammer drill
39 when core drilling is not specified in the Plans. If holes are core drilled, the sides of the holes
40 shall be roughened with a rotary hammer drill after core drilling.

41
42 Holes shall be prepared in accordance with the resin manufacturer's recommendations and
43 shall meet the minimum requirements as specified herein. Holes drilled into concrete shall be
44 thoroughly cleaned of debris, dust, and laitance prior to installing the threaded rod and resin
45 bonding material. Holes shall not have any standing liquid at the time of installation of the
46 threaded anchor rod.

1 The anchor nuts shall be tightened to the following torques when the embedment equals or
2 exceeds the minimum embedment specified.
3

Anchor Diameter (inch)	Minimum Torque (ft-lbs)	Maximum Torque (ft-lbs)	Minimum Embedment (Inch)
3/8	12	18	3-3/8
1/2	22	35	4-1/2
5/8	55	80	5-5/8
3/4	106	140	6-3/4
7/8	165	190	7-7/8
1	195	225	9
1-1/4	370	525	11-1/4

4
5 When the anchor embedment depth is less than the minimum values specified, the anchor
6 nuts shall be tightened to the torque values specified in the Plans, or as recommended by the
7 resin bonded anchor system manufacturer and approved by the Engineer.
8

9 **6-02.3(20) Grout for Anchor Bolts and Bridge Bearings**

10
11 Section 6-02.3(20) is supplemented with the following:

12
13 *(April 17, 2020 FCO GSP)*

14 Grout placed at the following locations shall conform to the requirements of this section.

15
16 Keyways
17
18

6-02.4 Measurement

Section 6-02.4 is supplemented with the following:

(August 2, 2010 WSDOT GSP)

"Superstructure – Coyan Bridge #200-9.93" contains the following approximate quantities of materials and work:

Elastomeric Bearing Pads – 12
Prestressed Girders – 616.5 linear feet
Reinforcing Steel – 1733 pounds
Concrete Class 4000 – 16 cubic yards

The quantities are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for approved changes will be made in the lump sum contract price for " Superstructure – Coyan Bridge #200-9.93" even though the actual quantities required may deviate from those listed.

6-02.5 Payment

Section 6-02.5 is supplemented with the following:

(June 26, 2000 WSDOT GSP)

All costs in connection with "S" bars shall be included in the lump sum contract price for **"Superstructure – Coyan Bridge #200-9.93"**.

*(*****)*

"Bridge Approach Slab", per square yard

The unit Contract price for "Bridge Approach Slab" shall include supplying and installing the joint sealant, polymer nosing system, and approach slab curb.

Payment for **"Gravel Backfill for Wall"** shall include all costs for supplying and installing the geotextile for separation.

(June 26, 2000 WSDOT GSP)

Bridge and Structures Minor Items

For the purpose of payment, such bridge and structures items as inserts, rubber sheeting, anchor bolts, adhesives etc., for which there is no pay item included in the proposal, are considered as bridge and structures minor items. All costs in connection with furnishing and installing these bridge and structures minor items as shown and noted in the Plans and as outlined in these specifications and in the Standard Specifications shall be included in the " Superstructure – Coyan Bridge #200-9.93" bid item.

6-05 Piling

6-05.5 Payment

1 Replace the fifth paragraph of Section 6-05.5 with the following:

2
3 (*****)

4 The unit contract price per linear foot for "Furnishing St. Piling" shall be full pay for furnishing
5 the piling specified. The minimum payment per pile shall be the distance measured from the
6 estimated pile tip elevation shown on the Plans to the pile cutoff. Any additional pile length
7 that may be required to reach the required capacity shall be paid for using the contract price
8 for furnishing steel piling.
9

10
11 **DIVISION 8**
12 **MISCELLANEOUS CONSTRUCTION**
13

14 **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**
15

16 **8-01.3 Construction Requirements**
17

18 **8-01.3(1) General**
19

20 The tenth paragraph of Section 8-01.3(1) is revised to read:

21
22 *(January 25, 2010 WSDOT GSP)*

23 **Erodible Soil Eastern Washington**

24 Erodible soil not being worked whether at final grade or not, shall be covered within the
25 following time period using an approved soil cover practice:

26
27 July 1 through September 30 30 days
28 October 1 through June 30 15 days
29

30 Section 8-01.3(1) is supplemented with the following:

31
32 *(April 1, 2002 WSDOT GSP)*

33 **Side Slope Treatment**

34 Slopes shall be compacted within 10 days of exposure of a new section of cut and construction
35 of a new portion of an embankment.
36
37

38 **8-01.3(1)C Water Management**
39

40 Section 8-01.3(1)C is supplemented with the following:

41
42 *(August 6, 2012 WSDOT GSP)*

43 **Off-site Stormwater**

44 Stormwater is known to enter the project site at the following locations:

45
46 Various roadside drainages.
47

1 **8-01.3(2) Seeding, Fertilizing and Mulching**

2
3 **8-01.3(2)B Seeding and Fertilizing**

4
5 Section 8-01.3(2)B is supplemented with the following:
6 *(January 3, 2006 WSDOT GSP)*

7
8 Sufficient quantities of fertilizer shall be applied to supply the following amounts of
9 nutrients:

10
11 Total Nitrogen as N - ***134*** pounds per acre.

12
13 Available Phosphoric Acid as P₂O₅ - ***60*** pounds per acre.

14
15 Soluble Potash as K₂O - ***60*** pounds per acre.

16
17 ***90*** pounds of nitrogen applied per acre shall be derived from isobutylidene
18 diurea (IBDU), cyclo-di-urea (CDU), or a time release, polyurethane coated source
19 with a minimum release time of 6 months. The remainder may be derived from any
20 source.

21
22 The fertilizer formulation and application rate shall be approved by the Engineer
23 before use.

24
25 (*****)

26 **Non-Irrigated Seeding**

27
28 Grass seed shall be a commercially prepared mix that will grow without irrigation at the
29 project location. The application rate shall be 20 pounds per acre of pure live seed. The
30 seed mix blend shall be as follows:

<u>Species and Variety of Seed in Mixture by common name and (Botanical name)</u>	<u>Pounds Pure Live Seed (PLS) Per Acre</u>	<u>Minimum % Germination</u>
Idaho Fescue "Joseph/Nezpurs/Winchester" (Festuca Idahoensis)	2.59	85
Sand Dropseed (Sporobolus cryptandrus)	0.15	85
Bluebunch Wheatgrass "Duff Creek" (Pseudoroegneria spicata)	3.66	85
Thickspike Wheatgrass "Schwindemar" (Agropyron trachycaulum)	4.25	85
Sandberg Bluegrass "Duffy Creek" (Poa sandbergii)	0.62	85
Crested Wheatgrass "Douglas" (Agropyron Cristatum)	3.44	85
Sheep Fescue "Covar" (Festuca valesiaca)	0.29	85
Total Lbs PLS/Acre	15	
Bulk Rate (Applied) Lbs/Acre	20	

Areas disturbed outside of the construction area shall be seeded at the expense of the Contractor.

8-01.3(2)D, Mulching

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

(*****)

Wood Cellulose Fiber Mulch

Wood cellulose fiber mulch shall be furnished, hauled and evenly applied at a rate of 2,000 pounds per acre within forty-eight (48) hours after seeding or the mulch material may be applied with the seed and fertilizer materials in one operation by approved hydraulic equipment. The application of fiber shall include tacking agent in accordance with Section 8-01.3(2). The equipment shall have a built-in agitation system with an operating capacity sufficient to agitate, suspend, and homogeneously mix slurry of the specified amount of fiber, fertilizer, seed and water. Distribution and discharge lines shall be large enough to

1 prevent stoppage and shall be equipped with a set of hydraulic discharge spray nozzles,
2 which will provide a uniform distribution of the slurry.
3 The wood fiber mulch shall be on the current WSDOT Qualified Products List.
4

5 **8-01.4, Measurement**

6 Section 8-01.4 is supplemented with the following:
7

8 **(*****)**

9 A separate measurement shall not be made for the wood cellulose fiber used as a
10 tracer and for the tacking agent used in the application o the wood cellulose fiber
11 mulch. Measurement for the tracer and tacking agent will be included in the
12 contract unit price per acre for "Seeding, Fertilizing, and Mulching".
13
14

15 **8-01.4 Measurement**

16
17 Section 8-01.4 is supplemented with the following:
18

19 **(*****)**

20 Measurement for payment of seeding fertilizing and mulching, and wetland seeding, and
21 mulching will be made by the acre (plan quantity) except that no field measurements will be
22 made.
23

24 **8-11 GUARDRAIL**

25 26 **8-11.3 Construction Requirements**

27 28 **8-11.3(1) Beam Guardrail**

29
30 Section 8-11.3(1) is supplemented with the following:
31

32 *(April 5, 2010 WSDOT GSP)*

33 This project may contain a mixture of steel and wood posts. The bidder is advised that post
34 selection will be as detailed in the plans and these specifications.
35
36

37 **8-12 CHAIN LINK FENCE AND WIRE FENCE**

38 39 **8-12.4 Measurement**

40
41 Section 8-12.4 is supplemented with the following:
42

43 **(*****)**

44 There will be no measurement of "Reinstall Salvaged Gate".
45

46 **8-12.5 Payment**

47
48 Section 8-12.5 is supplemented with the following:

(*****)

The lump sum contract price for “**Reinstall Salvaged Gate**” shall be full pay for furnishing all labor, tools, equipment, and materials required to reinstall a functioning gate.

8-15 RIPRAP

8-15.4 Measurement

Section 8-15.4 is supplemented with the following:

(February 5, 2001 WSDOT GSP)

The last paragraph in Section 8-15.4 is deleted.

8-15.5 Payment

The first sentence of the second paragraph of Section 8-15.5 is revised to read:

(*****)

The unit contract price per cubic yard for quarry spalls shall be full pay for furnishing all labor, tools, equipment, and materials required to place the material including excavation.

Section 8-15.5 is supplemented with the following:

Payment for “**Quarry Spalls**” shall include all costs for supplying and installing the geotextile for separation beneath the spalls where shown.

DIVISION 9 MATERIALS

9-03 AGGREGATES

9-03.8 Aggregates for Hot Mix Asphalt

9-03.8(2) HMA Test Requirements

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

(*****)

ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be 0.3 to 3 million.

1 **(September 30, 2020)**

2 **Standard Plans**

3 The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01
4 transmitted under Publications Transmittal No. PT 16-048, effective September 3, 2019 is made
5 a part of this contract.

6
7 The Standard Plans are revised as follows:

8
9 A-50.10

10 DELETED

11
12 A-50.20

13 DELETED

14
15 A-50.30

16 DELETED

17
18 A-50.40

19 DELETED

20
21 B-90.40

22 Valve Detail – DELETED

23
24 C-1a

25 DELETED

26
27 C-8

28 Add new Note 5, “5. Type 2 Barrier and Barrier Terminals are allowed in temporary
29 installations only. New Type 2 Barrier and Barrier Terminals are not allowed to be fabricated
30 after December 31, 2019. The plan is provided as a means to verify that any Type 2 barrier
31 and Barrier Terminals fabricated prior to December 31, 2019 meets the plan requirements
32 and cross-sectional dimensions as specified in Standard Specifications 6-10.3(5).”

33
34 C-8a

35 Add new Note 2, “2. Type 4 Barrier and Barrier Transition are allowed in temporary
36 installations only. New Type 4 Barrier and Barrier Transition are not allowed to be fabricated
37 after December 31, 2019. The plan is provided as a means to verify that any Type 4 barrier
38 and Barrier Transition fabricated prior to December 31, 2019 meets the plan requirements
39 and cross-sectional dimensions as specified in Standard Specifications 6-10.3(5).”

40
41 C-8b

42 DELETED

43
44 C-8e

45 DELETED

46
47 C-8f

48 DELETED

49
50 C-16a

1 DELETED

2
3 C-20.10

4 The following table is added:

SLOPE \ EMBANKMENT TABLE (FOR 8', 9', 11' LONG POSTS)		
POST LENGTH	SLOPE	W (FT)
8-FOOT	1H : 1V OR FLATTER	2.5 MIN.
8-FOOT	2H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)
9-FOOT	1.5H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)
11-FOOT	1H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)

5
6
7
8 C-20.11

9 DELETED

10
11 C-20.19

12 DELETED

13
14 C-40.16

15 DELETED

16
17 C-40.18

18 DELETED

19
20 C-80.50

21 DELETED

22
23 C-85.14

24 DELETED

25
26 D-2.14

27 DELETED

28
29 D-2.16

30 DELETED

31
32 D-2.18

33 DELETED

34
35 D-2.20

36 DELETED

37
38 D-2.42

1 DELETED

2
3 D-2.44
4 DELETED

5
6 D-2.46
7 DELETED

8
9 D-2.48
10 DELETED

11
12 D-2.82
13 DELETED

14
15 D-2.86
16 DELETED

17
18 D-10.10
19 Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
20 barriers attached on top of the wall are considered non-standard and shall be designed in
21 accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions stated
22 in the 11/3/15 Bridge Design memorandum.

23
24 D-10.15
25 Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
26 barriers attached on top of the wall are considered non-standard and shall be designed in
27 accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge
28 Design memorandum.

29
30 D-10.30
31 Wall Type 5 may be used in all cases.

32
33 D-10.35
34 Wall Type 6 may be used in all cases.

35
36 D-10.40
37 Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
38 barriers attached on top of the wall are considered non-standard and shall be designed in
39 accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge
40 Design memorandum.

41
42 D-10.45
43 Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
44 barriers attached on top of the wall are considered non-standard and shall be designed in
45 accordance with the current WSDOT BDM and the revisions stated in the revisions stated
46 in the 11/3/15 Bridge Design memorandum.

47
48 D-15.10
49 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are
50 withdrawn. Special designs in accordance with the current WSDOT BDM are required in
51 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.

G-20.10

SIGN INSTALLATION BEHIND TRAFFIC BARRIER detail, dimension callout "3' MIN.", is revised to read "5' MIN."

H-70.20

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

H-70.30

DELETED

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 ~ $\frac{3}{4}$ " (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO READ: "ANCHOR BOLTS ~ $\frac{3}{4}$ " (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 ½" 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 ½" 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 ½" 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 ½" 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-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-81.10

All references to "Type 170 Controller" are replaced with "Controller".

L-40.10

DELETED

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-60.10-03.....12/23/14
A-10.20-00.....10/5/07	A-40.00-00.....8/11/09	A-60.20-03.....12/23/14
A-10.30-00.....10/5/07	A-40.10-04.....7/31/19	A-60.30-01.....6/28/18
A-20.10-00.....8/31/07	A-40.15-00.....8/11/09	A-60.40-00.....8/31/07
A-30.10-00.....11/8/07	A-40.20-04.....1/18/17	
A-30.30-01.....6/16/11	A-40.50-02.....12/23/14	

B-5.20-03.....9/9/20	B-30.50-03.....2/27/18	B-75.20-02.....2/27/18
B-5.40-02.....1/26/17	B-30.60-00.....9/9/20	B-75.50-01.....6/10/08
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-10.40-01.....1/26/17	B-30.90-02.....1/26/17	B-80.40-00.....6/1/06
B-10.70-01.....9/9/20	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-55.20-02.....2/27/18	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-95.20-01.....2/3/09
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-70.20-00.....6/1/06	
B-30.30-03.....2/27/18	B-70.60-01.....1/26/17	
B-30.40-03.....2/27/18		

1

C-1.....9/9/20	C-20.42-05.....7/14/15	C-70.10-02.....9/16/20
C-1b.....9/9/20	C-20.45-02.....8/12/19	C-75.10-02.....9/16/20
C-1d.....10/31/03	C-22.16-07.....9/16/20	C-75.20-02.....9/16/20
C-2c.....8/12/19	C-22.40-08.....9/16/20	C-75.30-02.....9/16/20
C-4f.....8/12/19	C-22.45-05.....9/16/20	C-80.10-02.....9/16/20
C-6a.....10/14/09	C-23.60-04.....7/21/17	C-80.20-01.....6/11/14
C-7.....6/16/11	C-24.10-02.....8/12/19	C-80.30-01.....6/11/14
C-7a.....6/16/11	C-25.20-06.....7/14/15	C-80.40-01.....6/11/14
C-8.....2/10/09	C-25.22-05.....7/14/15	C-85.10-00.....4/8/12
C-8a.....7/25/97	C-25.26-04.....8/12/19	C-85.11-01.....9/16/20
C-20.10-06.....9/16/20	C-25.30-00.....6/28/18	C-85.15-01.....6/30/14
C-20.14-04.....8/12/19	C-25.80-05.....8/12/19	C-85.16-01.....6/17/14
C-20.15-02.....6/11/14	C-60.10-01.....9/24/20	C-85.18-01.....6/11/14
C-20.18-03.....8/12/19	C-60.20-00.....9/24/20	C-85.20-01.....6/11/14
C-20.40-07.....8/12/19	C-60.30-00.....9/24/20	
C-20.41-02.....8/12/19	C-60.70-00.....9/24/20	

2

D-2.04-00.....11/10/05	D-2.80-00.....11/10/05	D-6.....6/19/98
D-2.06-01.....1/6/09	D-2.84-00.....11/10/05	D-10.10-01.....12/2/08
D-2.08-00.....11/10/05	D-2.88-00.....11/10/05	D-10.15-01.....12/2/08
D-2.32-00.....11/10/05	D-2.92-00.....11/10/05	D-10.20-01.....8/7/19
D-2.34-01.....1/6/09	D-3.09-00.....5/17/12	D-10.25-01.....8/7/19
D-2.36-03.....6/11/14	D-3.10-01.....5/29/13	D-10.30-00.....7/8/08
D-2.60-00.....11/10/05	D-3.11-03.....6/11/14	D-10.35-00.....7/8/08
D-2.62-00.....11/10/05	D-3.15-02.....6/10/13	D-10.40-01.....12/2/08
D-2.64-01.....1/6/09	D-3.16-02.....5/29/13	D-10.45-01.....12/2/08
D-2.66-00.....11/10/05	D-3.17-02.....5/9/16	
D-2.68-00.....11/10/05	D-4.....12/11/98	

3

E-1.....2/21/07	E-4.....8/27/03
E-2.....5/29/98	E-4a.....8/27/03

4

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-10.18-02.....9/24/20	F-30.10-04.....9/25/20	F-45.10-02.....7/15/16
	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	
1	G-10.10-00.....9/20/07	G-25.10-05.....9/16/20	G-95.10-02.....6/28/18
	G-20.10-02.....6/23/15	G-26.10-00.....7/31/19	G-95.20-03.....6/28/18
	G-22.10-04.....6/28/18	G-30.10-04.....6/23/15	G-95.30-03.....6/28/18
	G-24.10-00.....11/8/07	G-50.10-03.....6/28/18	
	G-24.20-01.....2/7/12	G-90.10-03.....7/11/17	
	G-24.30-02.....6/28/18	G-90.11-00.....4/28/16	
	G-24.40-07.....6/28/18	G-90.20-05.....7/11/17	
	G-24.50-05.....8/7/19	G-90.30-04.....7/11/17	
	G-24.60-05.....6/28/18	G-90.40-02.....4/28/16	
2	H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-01.....2/7/12
	H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-01.....2/16/12
	H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	
3	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-50.20-01.....6/10/13
	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
4	J-10.....7/18/97	J-28.40-02.....6/11/14	J-60.13-00.....6/16/10
	J-10.10-04.....9/16/20	J-28.42-01.....6/11/14	J-60.14-01.....7/31/19
	J-10.12-00.....9/16/20	J-28.43-01.....6/28/18	J-75.10-02.....7/10/15
	J-10.14-00.....9/16/20	J-28.45-03.....7/21/16	J-75.20-01.....7/10/15
	J-10.15-01.....6/11/14	J-28.50-03.....7/21/16	J-75.30-02.....7/10/15
	J-10.16-01.....9/16/20	J-28.60-02.....7/21/16	J-75.40-02.....6/1/16
	J-10.17-01.....9/16/20	J-28.70-03.....7/21/17	J-75.41-01.....6/29/16
	J-10.18-01.....9/16/20	J-29.10-01.....7/21/16	J-75.45-02.....6/1/16
	J-10.20-03.....9/16/20	J-29.15-01.....7/21/16	J-80.10-00.....6/28/18
	J-10.21-01.....9/16/20	J-29.16-02.....7/21/16	J-80.15-00.....6/28/18
	J-10.22-01.....9/16/20	J-30.10-00.....6/18/15	J-81.10-01.....9/16/20
	J-10.25-00.....7/11/17	J-40.05-00.....7/21/16	J-86.10-00.....6/28/18
	J-12.15-00.....6/28/18	J-40.10-04.....4/28/16	J-90.10-03.....6/28/18
	J-12.16-00.....6/28/18	J-40.20-03.....4/28/16	J-90.20-03.....6/28/18
	J-15.10-01.....6/11/14	J-40.30-04.....4/28/16	J-90.21-02.....6/28/18
	J-15.15-02.....7/10/15	J-40.35-01.....5/29/13	J-90.50-00.....6/28/18
	J-20.10-04.....7/31/19	J-40.36-02.....7/21/17	
	J-20.11-03.....7/31/19	J-40.37-02.....7/21/17	
	J-20.15-03.....6/30/14	J-40.38-01.....5/20/13	
	J-20.16-02.....6/30/14	J-40.39-00.....5/20/13	
	J-20.20-02.....5/20/13	J-40.40-02.....7/31/19	
	J-20.26-01.....7/12/12	J-45.36-00.....7/21/17	
	J-21.10-04.....6/30/14	J-50.05-00.....7/21/17	
	J-21.15-01.....6/10/13	J-50.10-01.....7/31/19	
	J-21.16-01.....6/10/13	J-50.11-02.....7/31/19	
	J-21.17-01.....6/10/13	J-50.12-02.....8/7/19	

J-21.20-01.....6/10/13	J-50.13-00.....8/22/19
J-22.15-02.....7/10/15	J-50.15-01.....7/21/17
J-22.16-03.....7/10/15	J-50.16-01.....3/22/13
J-26.10-03.....7/21/16	J-50.18-00.....8/7/19
J-26.15-01.....5/17/12	J-50.19-00.....8/7/19
J-26.20-01.....6/28/18	J-50.20-00.....6/3/11
J-27.10-01.....7/21/16	J-50.25-00.....6/3/11
J-27.15-00.....3/15/12	J-50.30-00.....6/3/11
J-28.10-02.....8/7/19	J-60.05-01.....7/21/16
J-28.22-00.....8/07/07	J-60.11-00.....5/20/13
J-28.24-02.....9/16/20	J-60.12-00.....5/20/13
J-28.26-01.....12/02/08	
J-28.30-03.....6/11/14	

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K-70.20-01.....6/1/16
 K-80.10-02.....9/25/20
 K-80.20-00.....12/20/06
 K-80.35-01.....9/16/20
 K-80.37-01.....9/16/20

2

L-10.10-02.....6/21/12		L-70.10-01.....5/21/08
L-20.10-03.....7/14/15	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08
L-30.10-02.....6/11/14	L-40.20-02.....6/21/12	

3

M-1.20-04.....9/25/20	M-11.10-03.....8/7/19	M-40.20-00...10/12/07
M-1.40-03.....9/25/20	M-12.10-02.....9/25/20	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-20.10-03.....9/25/20	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-60.20-02.....6/27/11
M-3.20-03.....9/25/20	M-20.40-03.....6/24/14	M-65.10-02.....5/11/11
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	

4

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273 -- Revised May 1, 2012

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
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ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with

the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this

contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and

mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may,

after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and

individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual

was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or

general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or

voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--
Lower Tier Participants:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

- a. To the extent that qualified persons regularly residing in the area are not available.
- b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.
- c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

AMENDMENT
REQUIRED CONTRACT PROVISIONS
(Exclusive of Appalachian Contracts)

FEDERAL-AID CONSTRUCTION CONTRACTS

The Federal-Aid provisions are supplemented with the following:

XII. Cargo Preference Act

1. U.S. Department of Transportation Federal Highway Administration memorandum dated December 11, 2015 requires that all federal-aid highway programs awarded after February 15, 2016 must comply with the Cargo Preference Act and its regulation of 46 CFR 381.7 (a)-(b).

WAGE RATES

FEDERAL DAVIS-BACON WAGE RATES

STATE WAGE RATES

BENEFIT CODE KEY

WASHINGTON L&I POLICY STATEMENT

"General Decision Number: WA20200001 10/16/2020

Superseded General Decision Number: WA20190001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2020
1	02/14/2020
2	02/28/2020
3	03/06/2020
4	03/13/2020
5	05/01/2020
6	07/03/2020
7	07/10/2020
8	07/24/2020
9	08/07/2020
10	08/14/2020
11	09/11/2020
12	09/25/2020
13	10/02/2020
14	10/16/2020

CARP0003-006 06/01/2018

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA, and WAHAKIUM Counties.

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 37.64	16.83
DIVERS TENDERS.....	\$ 43.73	16.83
DIVERS.....	\$ 87.73	16.83
DRYWALL.....	\$ 37.64	16.83
MILLWRIGHTS.....	\$ 38.17	16.83
PILEDRIERS.....	\$ 38.71	16.83

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 06/01/2020

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
CARPENTER		
BRIDGE CARPENTERS.....	\$ 46.92	18.02
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 47.02	18.02
CARPENTERS.....	\$ 46.92	18.02
DIVERS TENDER.....	\$ 51.89	18.02
DIVERS.....	\$ 100.78	18.02
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 48.42	18.02
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 47.17	18.02

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS)

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$.70/hour
Over 45 radius miles	\$1.50/hour

 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 06/01/2019

WEST OF 120TH MERIDIAN FOR THE FOLLOWING COUNTIES:
CHELAN, DOUGLAS, GRANT, KITTITAS, OKANOGAN, and YAKIMA

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 46.02	16.52
CARPENTERS.....	\$ 45.92	16.52
DIVERS TENDER.....	\$ 50.79	16.52
DIVERS.....	\$ 99.68	16.52
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 47.42	16.52
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 46.17	16.52

(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 08/03/2020

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 59.91	3%+21.46
ELECTRICIAN.....	\$ 58.78	3%+22.51

* ELEC0048-003 01/01/2020

CLARK, KLINKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 47.85	24.41

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 01/01/2020

COWLITZ AND WAHIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 47.85	24.41

 ELEC0073-001 01/01/2020

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 36.05	19.23

ELEC0076-002 08/31/2020

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 53.15	23.81
ELECTRICIAN.....	\$ 48.32	23.67

ELEC0112-005 06/01/2020

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA
 WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 50.45	22.27
ELECTRICIAN.....	\$ 48.05	22.12

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 06/01/2020

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

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: 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 Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barber 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; Scrapers-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 machine-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 07/01/2019

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.....	\$ 28.46	17.25
GROUP 2.....	\$ 28.78	17.25
GROUP 3.....	\$ 29.39	17.25
GROUP 4.....	\$ 29.55	17.25
GROUP 5.....	\$ 29.71	17.25
GROUP 6.....	\$ 29.99	17.25
GROUP 7.....	\$ 30.26	17.25
GROUP 8.....	\$ 31.36	17.25

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad 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 (Dumora, 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 Operator (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 tons 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 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, Barber 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.

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, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHIAKUM 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 steer (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 07/01/2019

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN,
GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE,
STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

IRON0029-002 05/01/2018

CLARK, COWLITZ, KLINKITAT, PACIFIC, SKAMANIA, AND WAHKAUKUM
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.00	27.87

IRON0086-002 07/01/2019

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

IRON0086-004 07/01/2019

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,
MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 42.35	29.56

LABO0238-004 06/01/2020

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.....	\$ 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

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; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder; Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include

all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & 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); Guniting (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 raises and shafts)

LABO0238-006 06/01/2019

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.....	\$ 27.95	12.90

LABO0242-003 06/01/2020

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.35
GROUP 2A.....	\$ 31.82	12.35
GROUP 3.....	\$ 39.81	12.35
GROUP 4.....	\$ 40.77	12.35
GROUP 5.....	\$ 41.43	12.35
Group 6.....	\$ 41.43	12.35

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, aiartrac); 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; 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 06/01/2020

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC
(EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.44
GROUP 2.....	\$ 31.82	12.44
GROUP 3.....	\$ 39.81	12.44
GROUP 4.....	\$ 40.77	12.44
GROUP 5.....	\$ 41.43	12.44

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, aiartrac); 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 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; 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 06/01/2020

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.44
GROUP 2.....	\$ 31.82	12.44
GROUP 3.....	\$ 39.81	12.44
GROUP 4.....	\$ 40.77	12.44
GROUP 5.....	\$ 41.43	12.44

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, aiartrac); 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).

LABO0335-001 06/01/2020

CLARK, COWLITZ, KLUCKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE
MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY
WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 34.93	12.44
GROUP 2.....	\$ 35.65	12.44
GROUP 3.....	\$ 36.20	12.44
GROUP 4.....	\$ 36.66	12.44
GROUP 5.....	\$ 31.93	12.44
GROUP 6.....	\$ 29.01	12.44
GROUP 7.....	\$ 25.14	12.44

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; Gunitite Nozzleman Tender; Gunitite 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; Gunitite 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; Powdermen; 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

LAB00335-019 06/01/2020

	Rates	Fringes
Hod Carrier.....	\$ 34.93	12.44

LABO0348-003 06/01/2020

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA
COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 23.68	12.44
GROUP 2.....	\$ 27.17	12.44
GROUP 3.....	\$ 29.74	12.44
GROUP 4.....	\$ 30.46	12.44
GROUP 5.....	\$ 30.99	12.44

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, aiartrac); 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 07/01/2020

STATEWIDE EXCEPT CLARK, COWLITZ, KLINKITAT, PACIFIC (SOUTH),
SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 31.90	17.23

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, Polyure		
thanes, 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, KLINKITAT, 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 03/01/2020

CLARK, COWLITZ, KLINKITAT, SKAMANIA and WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....	\$ 35.87	13.40

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 06/01/2020

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING,
KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT,
SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON.....	\$ 45.80	18.54
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 46.30	18.54
TROWELING MACHINE OPERATOR ON COMPOSITION.....	\$ 46.30	18.54

PLAS0555-002 07/01/2019

CLARK, KICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..	\$ 37.32	18.77
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 36.58	18.77
CEMENT MASONS.....	\$ 35.85	18.77
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 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 06/01/2019

CLARK, COWLITZ, KLUCKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 29.08	15.27
GROUP 2.....	\$ 29.20	15.27
GROUP 3.....	\$ 29.34	15.27
GROUP 4.....	\$ 29.62	15.27
GROUP 5.....	\$ 29.85	15.27
GROUP 6.....	\$ 30.03	15.27
GROUP 7.....	\$ 30.24	15.27

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 06/01/2019

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:.....	\$ 40.38	20.46
GROUP 2:.....	\$ 39.54	20.46
GROUP 3:.....	\$ 36.73	20.46
GROUP 4:.....	\$ 31.76	20.46
GROUP 5:.....	\$ 39.93	20.46

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.

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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 www.dol.gov/whd/govcontracts.

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 Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 10/27/2020

County	Trade	Job Classification	Wage	Holiday	Overtime	Note	*Risk Class
Franklin	Asbestos Abatement Workers	Journey Level	\$42.54	5D	1H		View
Franklin	Boilermakers	Journey Level	\$69.29	5N	1C		View
Franklin	Brick Mason	Journey Level	\$51.84	5A	1M		View
Franklin	Building Service Employees	Janitor	\$13.50		1		View
Franklin	Building Service Employees	Shampooer	\$13.50		1		View
Franklin	Building Service Employees	Waxer	\$13.50		1		View
Franklin	Building Service Employees	Window Cleaner	\$13.50		1		View
Franklin	Cabinet Makers (In Shop)	Journey Level	\$13.50		1		View
Franklin	Carpenters	Acoustical Worker	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Bridge, Dock & Wharf Carpenter	\$50.53	7E	4X	8N	View
Franklin	Carpenters	Floor Layer & Floor Finisher	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Form Builder	\$49.27	7E	4X	8N	View
Franklin	Carpenters	General Carpenter	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Heavy Construction Carpenter	\$54.48	7E	4X	9E	View
Franklin	Carpenters	Scaffold/Shoring Erecting & Dismantling	\$54.48	7E	4X	8N	View
Franklin	Cement Masons	Journey Level	\$46.83	7B	1N		View
Franklin	Divers & Tenders	Assistant Tender	\$56.73	7E	4X		View
Franklin	Divers & Tenders	Dive Supervisors	\$104.98	7E	4X		View
Franklin	Divers & Tenders	Diver	\$103.48	7E	4X	8V	View
Franklin	Divers & Tenders	Diver on Standby	\$60.42	7E	4X		View
Franklin	Divers & Tenders	Diver Tender	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Diving Master	\$70.53	7E	4X		View
Franklin	Divers & Tenders	Manifold Operator	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Manifold Operator Mixed Gas	\$63.42	7E	4X		View
Franklin	Divers & Tenders	Remote Operated Vehicle Operator	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Remote Operated Vehicle Tender/Technician	\$56.73	7E	4X		View
Franklin	Divers & Tenders	Surface RCV & ROV Operator	\$59.42	7E	4X		View
Franklin	Dredge Workers	Assistant Engineer	\$70.62	5D	3F		View
Franklin	Dredge Workers	Assistant Mate (Deckhand)	\$70.07	5D	3F		View
Franklin	Dredge Workers	Boatmen	\$70.62	5D	3F		View
Franklin	Dredge Workers	Engineer Welder	\$71.97	5D	3F		View
Franklin	Dredge Workers	Leverman, Hydraulic	\$73.41	5D	3F		View
Franklin	Dredge Workers	Mates	\$70.62	5D	3F		View
Franklin	Dredge Workers	Oiler	\$70.07	5D	3F		View
Franklin	Drywall Applicator	Journey Level	\$49.27	7E	4X	8N	View
Franklin	Drywall Tapers	Journey Level	\$44.38	7E	1P		View
Franklin	Electrical Fixture Maintenance Workers	Journey Level	\$13.50		1		View
Franklin	Electricians - Inside	Cable Splicer	\$69.59	5A	1E		View
Franklin	Electricians - Inside	Journey Level	\$67.22	5A	1E		View
Franklin	Electricians - Inside	Welder	\$71.97	5A	1E		View
Franklin	Electricians - Motor Shop	Craftsman	\$15.37		1		View
Franklin	Electricians - Motor Shop	Journey Level	\$14.69		1		View
Franklin	Electricians - Powerline Construction	Cable Splicer	\$82.39	5A	4D		View
Franklin	Electricians - Powerline Construction	Certified Line Welder	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Groundperson	\$49.17	5A	4D		View
Franklin	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Journey Level Lineperson	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Line Equipment Operator	\$64.54	5A	4D		View
Franklin	Electricians - Powerline Construction	Meter Installer	\$49.17	5A	4D	8W	View
Franklin	Electricians - Powerline Construction	Pole Sprayer	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Powderperson	\$56.49	5A	4D		View
Franklin	Electronic Technicians	Journey Level	\$44.21	5I	1B		View
Franklin	Elevator Constructors	Mechanic	\$97.31	7D	4A		View
Franklin	Elevator Constructors	Mechanic In Charge	\$105.06	7D	4A		View
Franklin	Fabricated Precast Concrete Products	Journey Level	\$13.50		1		View
Franklin	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		1		View
Franklin	Fence Erectors	Fence Erector	\$42.54	7B	1M	8Z	View
Franklin	Fence Erectors	Fence Erector	\$42.54	7B	1M	8Z	View
Franklin	Flaggers	Journey Level	\$40.44	7B	1M	8Z	View
Franklin	Glaziers	Journey Level	\$33.46	7L	4L		View
Franklin	Heat & Frost Insulators And Asbestos Workers	Journey Level	\$55.24	5K	1U		View
Franklin	Heating Equipment Mechanics	Journey Level	\$66.06	5A	1X		View
Franklin	Hod Carriers & Mason Tenders	Journey Level	\$43.39	7B	1M	8Z	View
Franklin	Industrial Power Vacuum Cleaner	Journey Level	\$13.50		1		View
Franklin	Inland Boatmen	Journey Level	\$13.50		1		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$13.50		1		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$13.50		1		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$13.50		1		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$13.50		1		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$13.50		1		View
Franklin	Insulation Applicators	Journey Level	\$49.27	7E	4X	8N	View
Franklin	Ironworkers	Journeyman	\$64.91	7N	1O		View
Franklin	Laborers	Air And Hydraulic Track Drill	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Asphalt Raker	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Asphalt Roller, Walking	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Brick Pavers	\$42.54	7B	1M	8Z	View

Franklin	Laborers	Brush Hog Feeder	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Brush Machine	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Caisson Worker, Free Air	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Carpenter Tender	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Cement Finisher Tender	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Cement Handler	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Chain Saw Operator & Faller	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Clean-up Laborer	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Compaction Equipment	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Concrete Crewman	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Concrete Saw, Walking	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Concrete Signalman	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Concrete Stack	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Confined Space Attendant	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Crusher Feeder	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Demolition	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Demolition Torch	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Dope Pot Fireman, Non-mechanical	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Driller Helper (when Required To Move & Position Machine)	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Drills With Dual Masts	\$43.36	7B	1M	8Z	View
Franklin	Laborers	Dry Stack Walls	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Dumpman	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Erosion Control Laborer	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Final Detail Cleanup (i.e, Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup)	\$40.44	7B	1M	8Z	View
Franklin	Laborers	Firewatch	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Form Cleaning Machine Feeder, Stackler	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Form Setter, Paving	\$42.81	7B	1M	8Z	View
Franklin	Laborers	General Laborer	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Grade Checker	\$45.07	7B	1M	8Z	View
Franklin	Laborers	Grout Machine Header Tender	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Guard Rail	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Gunitite	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Hazardous Waste Worker (level A)	\$43.36	7B	1M	8Z	View
Franklin	Laborers	Hazardous Waste Worker (level B)	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Hazardous Waste Worker (level C)	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Hazardous Waste Worker (level D)	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Hdpe Or Similar Liner Installer	\$42.54	7B	1M	8Z	View
Franklin	Laborers	High Scaler	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Jackhammer Operator Miner, Class "b"	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Laser Beam Operator	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Miner, Class "a"	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Miner, Class "c"	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Miner, Class "d"	\$43.36	7B	1M	8Z	View
Franklin	Laborers	Monitor Operator, Air Track Or Similar Mounting	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Mortar Mixer	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Nipper	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Nozzleman	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Pavement Breaker, 90 Lbs. & Over	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Pavement Breaker, Under 90 Lbs.	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Pipelayer	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Pipelayer, Corrugated Metal Culvert And Multi-plate.	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Pipewrapper	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Plasterer Tenders	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Pot Tender	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Powderman	\$44.73	7B	1M	8Z	View
Franklin	Laborers	Powderman Helper	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Power Buggy Operator	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Power Tool Operator, Gas, Electric, Pneumatic	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Railroad Equipment, Power Driven, Except Dual Mobile	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Railroad Power Spiker Or Puller, Dual Mobile	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Remote Equipment Operator	\$43.36	7B	1M	8Z	View
Franklin	Laborers	Remote Equipment Operator (i.e Compaction And Demolition)	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Rigger/signal Person	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Riprap Person	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Rodder & Spreader	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Sandblast Tailhoseman	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Scaffold Erector, Wood Or Steel	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Stake Jumper	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Structural Mover	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Tailhoseman (water Nozzle)	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Timber Bucker & Faller (by Hand)	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Track Laborer (rr)	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Traffic Control Laborer	\$40.44	7B	1M	9D	View
Franklin	Laborers	Traffic Control Supervisor	\$41.44	7B	1M	9E	View
Franklin	Laborers	Trencher, Shawnee	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Trenchless Technology Technician	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Truck Loader	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Tugger Operator	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Vibrators, All	\$43.08	7B	1M	8Z	View
Franklin	Laborers	Wagon Drills	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Water Pipe Liner	\$42.81	7B	1M	8Z	View
Franklin	Laborers	Welder, Electrical, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$43.36	7B	1M	8Z	View
Franklin	Laborers	Well-point Person	\$42.54	7B	1M	8Z	View
Franklin	Laborers	Wheelbarrow, Power Driven	\$42.81	7B	1M	8Z	View
Franklin	Laborers - Underground Sewer & Water	General Laborer & Topman	\$42.54	7B	1M	8Z	View
Franklin	Laborers - Underground Sewer & Water	Pipe Layer	\$43.08	7B	1M	8Z	View
Franklin	Landscape Construction	Landscape Laborer	\$40.44	7B	1M	9D	View
Franklin	Landscape Construction	Landscape Operator	\$48.95	7B	4W	9A	View
Franklin	Landscape Maintenance	Groundskeeper	\$15.09		1		View
Franklin	Lathers	Journey Level	\$49.27	ZE	4X	8N	View

Franklin	Marble Setters	Journey Level	\$51.84	5A	1M	View
Franklin	Metal Fabrication (In Shop)	Fitter	\$13.50		1	View
Franklin	Metal Fabrication (In Shop)	Laborer	\$13.50		1	View
Franklin	Metal Fabrication (In Shop)	Machine Operator	\$13.50		1	View
Franklin	Metal Fabrication (In Shop)	Painter	\$13.50		1	View
Franklin	Metal Fabrication (In Shop)	Welder	\$13.50		1	View
Franklin	Millwright	Journey Level	\$66.83	7E	4X 8N	View
Franklin	Modular Buildings	Journey Level	\$13.50		1	View
Franklin	Painters	Commercial Painter	\$36.87	6Z	1W	View
Franklin	Painters	Industrial Painter	\$45.37	6Z	1W 9D	View
Franklin	Pile Driver	General Pile Driver	\$50.53	7E	4X 8N	View
Franklin	Pile Driver	Heavy Construction Pile Driver	\$55.73	7E	4X 9E	View
Franklin	Plasterers	Journey Level	\$46.51	7K	1N	View
Franklin	Playground & Park Equipment Installers	Journey Level	\$13.50		1	View
Franklin	Plumbers & Pipefitters	Journey Level	\$85.00	6Z	1Q	View
Franklin	Power Equipment Operators	A-frame Truck (2 Or More Drums)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	A-frame Truck (single Drum)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Asphalt Plant Operator	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Assistant Refrigeration Plant (under 1000 Ton)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Automatic Subgrader (ditches & Trimmers)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Backfillers (cleveland & Similar)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoe & Hoe Ram (under 3/4 Yd.)	\$49.11	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoe (45,000 Gw & Under)	\$49.11	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoe (45,000 Gw To 110,000 Gw)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoe (over 110,000 Gw)	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoes & Hoe Ram (3 Yds & Over)	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Bagley Or Stationary Scraper	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Batch Plant (over 4 Units)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Belt Finishing Machine	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Belt Loader (kocal Or Similar)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Belt-crete Conveyors With Power Pack Or Similar	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Bending Machine	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Bit Grinders	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Blade Operator (motor Patrol & Attachments)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Blower Operator (cement)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Boat Operator	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Bob Cat (skid Steer)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Bolt Threading Machine	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Boom Cats (side)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Boring Machine (earth)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Bump Cutter (wayne, Saginaw Or Similar)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Cableway Controller (dispatcher)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Cableway Operators	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Canal Lining Machine (concrete)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Carrydeck & Boom Truck (under 25 Tons)	\$49.11	7B	4W 9A	View
Franklin	Power Equipment Operators	Cement Hog	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Clamshell, Dragline	\$50.76	7B	4W 9A	View
Franklin	Power Equipment Operators	Compactor (self-propelled With Blade)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Concrete Cleaning / Decontamination Machine Operator	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Concrete Pump Boon Truck	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$48.95	7B	4W 9A	View
Franklin	Power Equipment Operators	Concrete Saw (multiple Cut)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Concrete Slip Form Paver	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Conveyor Aggregate Delivery Systems (c.a.d.)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (100 to 299 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.26	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$49.11	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (300 Tons and Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.76	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Cranes (86 to 99 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$50.76	7B	4W 9A	View
Franklin	Power Equipment Operators	Crusher Feeder	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Crusher, Grizzle & Screening Plant Operator	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Curb Extruder (asphalt Or Concrete)	\$48.95	7B	4W 9A	View
Franklin	Power Equipment Operators	Deck Engineer	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Deck Hand	\$47.86	7B	4W 9A	View
Franklin	Power Equipment Operators	Derricks & Stifflegs (65 Tons & Over)	\$49.66	7B	4W 9A	View
Franklin	Power Equipment Operators	Derricks & Stifflegs (under 65 Tons)	\$49.11	7B	4W 9A	View
Franklin	Power Equipment Operators	Distributor Leverman	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Ditch Witch Or Similar	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Dope Pots (power Agitated)	\$48.18	7B	4W 9A	View
Franklin	Power Equipment Operators	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$48.79	7B	4W 9A	View
Franklin	Power Equipment Operators	Dozer / Tractors (d-6 & Equivalent & Over)	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Dozer, 834 R/t & Similar	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Drill Doctor	\$49.39	7B	4W 9A	View
Franklin	Power Equipment Operators	Driller Licensed	\$50.76	7B	4W 9A	View

Franklin	Power Equipment Operators	Drillers Helper	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Drills (churn, Core, Calyx Or Diamond)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Belt (holland Type)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevator Hoisting Materials	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Equipment Serviceman, Greaser & Oiler	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Fireman & Heater Tender	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Fork Lift Or Lumber Stackler, Hydra-life & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Generator Plant Engineers (diesel Or Electric)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Gin Trucks (pipeline)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Grade Checker	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Gunitite Combination Mixer & Compressor	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	H.d. Mechanic	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	H.d. Welder	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Heavy Equipment Robotics Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Helicopter Pilot	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Helper, Mechanic Or Welder, H.D	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoe Ram	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoist (2 Or More Drums Or Tower Hoist)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoist, Single Drum	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Hydro-seeder, Mulcher, Nozzleman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Lime Batch Tank Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Lime Brain Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (bucket Elevators And Conveyors)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead And Front-end, 10 Yds. & Over)	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Locomotive Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Longitudinal Float	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Master Environmental Maintenance Technician	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Mixer (portable - Concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Mixermobile	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Mobile Crusher Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Mucking Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Multiple Dozer Units With Single Blade	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Pavement Breaker, Hydra-hammer & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Paving (dual Drum)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Paving Machine (asphalt And Concrete)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Piledriving Engineers	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Plant Oiler	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Posthole Auger Or Punch	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Power Broom	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Pump (grout Or Jet)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Pumpman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Quad-track Or Similar Equipment	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Railroad Ballast Regulation Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Railroad Power Tamper Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Railroad Tamper Jack Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Railroad Track Liner Operator (self-propelled)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Refrigeration Plant Engineer (1000 Tons & Over)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Refrigeration Plant Engineer (under 1000 Ton)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Rollerman (finishing Asphalt Pavement)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Roto Mill (pavement Grinder)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Rotomill Groundsman	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Rubber-tired Skidders (r/t With Or Without Attachments)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Scrapers, All, Rubber-tired	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Screed Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Shovels (3 Yds. & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Shovels (under 3 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Soil Stabilizer (p & H Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Spray Curing Machine (concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Spreader Box (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Spreader Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Steam Cleaner	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Straddle Buggy (ross & Similar On Construction Job Only)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Surface Heater & Planer Machine	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Traverse Finish Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Trenching Machines (7 Ft. Depth & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Trenching Machines (under 7 Ft. Depth Capacity)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Tug Boat Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Tugger Operator	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Turnhead (with Re-screening)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Turnhead Operator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Vactor Guzzler, Super Sucker	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Vacuum Blasting Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Welding Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Whirleys & Hammerheads, All	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	A-frame Truck (2 Or More Drums)	\$48.79	7B	4W	9A	View

Franklin	Power Equipment Operators- Underground Sewer & Water	A-frame Truck (single Drum)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Assistant Refrigeration Plant (under 1000 Ton)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Automatic Subgrader (ditches & Trimmers)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backfillers (cleveland & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoe & Hoe Ram (under 3/4 Yd.)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoe (45,000 Gw & Under)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoe (45,000 Gw To 110,000 Gw)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoe (over 110,000 Gw)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoes & Hoe Ram (3 Yds & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bagley Or Stationary Scraper	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Batch Plant (over 4 Units)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Belt Finishing Machine	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Belt Loader (kocal Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Belt-crete Conveyors With Power Pack Or Similar	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bending Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bit Grinders	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Blade Operator (motor Patrol & Attachments)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Blower Operator (cement)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Boat Operator	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bob Cat (skid Steer)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bolt Threading Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Boom Cats (side)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Boring Machine (earth)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Bump Cutter (wayne, Saginaw Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cableway Controller (dispatcher)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cableway Operators	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Canal Lining Machine (concrete)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Carrydeck & Boom Truck (under 25 Tons)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cement Hog	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Clamshell, Dragline	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Compactor (self-propelled With Blade)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Concrete Cleaning / Decontamination Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Concrete Pump Boon Truck	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Concrete Saw (multiple Cut)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Concrete Slip Form Paver	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Conveyor Aggregate Delivery Systems (c.a.d.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (100 to 299 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.26	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (300 Tons and Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Cranes (86 to 99 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Crusher Feeder	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Crusher, Grizzle & Screening Plant Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Curb Extruder (asphalt Or Concrete)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Deck Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Deck Hand	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Derricks & Stifflegs (65 Tons & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Derricks & Stifflegs (under 65 Tons)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Distributor Leverman	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Ditch Witch Or Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Dope Pots (power Agitated)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Dozer / Tractors (d-6 & Equivalent & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Dozer, 834 R/t & Similar	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Drill Doctor	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Driller Licensed	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Drillers Helper	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Drills (churn, Core, Calyx Or Diamond)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Elevating Belt (holland Type)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Elevator Hoisting Materials	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Equipment Serviceman, Greaser & Oiler	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Fireman & Heater Tender	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Fork Lift Or Lumber Stackler, Hydra-life & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Generator Plant Engineers (diesel Or Electric)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Gin Trucks (pipeline)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Grade Checker	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Gunitie Combination Mixer & Compressor	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	H.d. Mechanic	\$49.66	7B	4W	9A	View

Franklin	Power Equipment Operators- Underground Sewer & Water	H.d. Welder	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Heavy Equipment Robotics Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Helicopter Pilot	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Helper, Mechanic Or Welder, H.D	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Hoe Ram	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Hoist (2 Or More Drums Or Tower Hoist)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Hoist, Single Drum	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Hydro-seeder, Mulcher, Nozzleman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Lime Batch Tank Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Lime Brain Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loaders (bucket Elevators And Conveyors)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Loaders (overhead And Front-end, 10 Yds. & Over)	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Locomotive Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Longitudinal Float	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Master Environmental Maintenance Technician	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Mixer (portable - Concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Mixermobile	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Mobile Crusher Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Mucking Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Multiple Dozer Units With Single Blade	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Pavement Breaker, Hydra-hammer & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Paving (dual Drum)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Paving Machine (asphalt And Concrete)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Piledriving Engineers	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Plant Oiler	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Posthole Auger Or Punch	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Power Broom	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Pump (grout Or Jet)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Pumpman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Quad-track Or Similar Equipment	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Railroad Ballast Regulation Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Railroad Power Tamper Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Railroad Tamper Jack Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Railroad Track Liner Operator (self-propelled)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Refrigeration Plant Engineer (1000 Tons & Over)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Refrigeration Plant Engineer (under 1000 Ton)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Rollerman (finishing Asphalt Pavement)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Roto Mill (pavement Grinder)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Rotomill Groundsman	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Rubber-tired Skidders (r/t With Or Without Attachments)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Scrapers, All, Rubber-tired	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Screed Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Shovels (3 Yds. & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Shovels (under 3 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Soil Stabilizer (p & H Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Spray Curing Machine (concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Spreader Box (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Spreader Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Steam Cleaner	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Straddle Buggy (ross & Similar On Construction Job Only)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Surface Heater & Planer Machine	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Traverse Finish Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Trenching Machines (7 Ft. Depth & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Trenching Machines (under 7 Ft. Depth Capacity)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Tug Boat Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Tugger Operator	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Turnhead (with Re-screening)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Turnhead Operator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Vactor Guzzler, Super Sucker	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Vacuum Blasting Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Welding Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators- Underground Sewer & Water	Whirleys & Hammerheads, All	\$49.66	7B	4W	9A	View
Franklin	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$53.10	5A	4A		View
Franklin	Power Line Clearance Tree Trimmers	Spray Person	\$50.40	5A	4A		View
Franklin	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$53.10	5A	4A		View
Franklin	Power Line Clearance Tree Trimmers	Tree Trimmer	\$47.48	5A	4A		View
Franklin	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$36.10	5A	4A		View
Franklin	Refrigeration & Air Conditioning Mechanics	Journey Level	\$85.00	6Z	1Q		View
Franklin	Residential Brick Mason	Journey Level	\$28.42		1		View
Franklin	Residential Carpenters	Journey Level	\$21.60		1		View
Franklin	Residential Cement Masons	Journey Level	\$46.83	7B	1N		View
Franklin	Residential Drywall Applicators	Journey Level	\$20.46		1		View
Franklin	Residential Drywall Tapers	Journey Level	\$19.32		1		View
Franklin	Residential Electricians	Journey Level	\$22.73		1		View
Franklin	Residential Glaziers	Journey Level	\$23.10		1		View
Franklin	Residential Insulation Applicators	Journey Level	\$14.86		1		View
Franklin	Residential Laborers	Journey Level	\$13.64		1		View
Franklin	Residential Marble Setters	Journey Level	\$28.42		1		View
Franklin	Residential Painters	Journey Level	\$13.50		1		View

Franklin	Residential Plumbers & Pipefitters	Journey Level	\$29.71		1		View
Franklin	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$13.50		1		View
Franklin	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$47.89	5A	1X		View
Franklin	Residential Soft Floor Layers	Journey Level	\$23.11	5A	1N		View
Franklin	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$13.50		1		View
Franklin	Residential Stone Masons	Journey Level	\$28.42		1		View
Franklin	Residential Terrazzo Workers	Journey Level	\$14.86		1		View
Franklin	Residential Terrazzo/Tile Finishers	Journey Level	\$14.86		1		View
Franklin	Residential Tile Setters	Journey Level	\$19.23		1		View
Franklin	Roofers	Irritable Bituminous Roofer	\$44.91	7G	4I		View
Franklin	Roofers	Journeyman Roofer, Waterproofer, Kettleman	\$41.91	7G	4I		View
Franklin	Sheet Metal Workers	Journey Level (Field or Shop)	\$66.06	5A	1X		View
Franklin	Sign Makers & Installers (Electrical)	Journey Level	\$14.65		1		View
Franklin	Sign Makers & Installers (Non-Electrical)	Journey Level	\$14.65		1		View
Franklin	Soft Floor Layers	Journey Level	\$51.07	5A	3J		View
Franklin	Solar Controls For Windows	Journey Level	\$13.50		1		View
Franklin	Sprinkler Fitters (Fire Protection)	Journey Level	\$60.34	7J	1R		View
Franklin	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.50		1		View
Franklin	Stone Masons	Journey Level	\$51.84	5A	1M		View
Franklin	Street And Parking Lot Sweeper Workers	Journey Level	\$14.00		1		View
Franklin	Surveyors	All Classifications	\$23.49	0	1		View
Franklin	Telecommunication Technicians	Journey Level	\$44.21	5I	1B		View
Franklin	Telephone Line Construction - Outside	Cable Splicer	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$23.53	5A	2B		View
Franklin	Telephone Line Construction - Outside	Installer (Repairer)	\$40.09	5A	2B		View
Franklin	Telephone Line Construction - Outside	Special Apparatus Installer I	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Special Apparatus Installer II	\$40.99	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$38.92	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Lineperson	\$38.92	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Groundperson	\$22.32	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Lineperson/Installer	\$29.60	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television System Technician	\$35.20	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Technician	\$31.67	5A	2B		View
Franklin	Telephone Line Construction - Outside	Tree Trimmer	\$38.92	5A	2B		View
Franklin	Terrazzo Workers	Journey Level	\$43.61	5A	1M		View
Franklin	Tile Setters	Journey Level	\$43.61	5A	1M		View
Franklin	Tile, Marble & Terrazzo Finishers	Journey Level	\$35.73	5A	1M		View
Franklin	Traffic Control Strippers	Journey Level	\$49.13	7A	1K		View
Franklin	Truck Drivers	Asphalt Mix Over 20 Yards	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers	Asphalt Mix To 20 Yards	\$49.50	5D	1V	8M	View
Franklin	Truck Drivers	Dump Truck	\$49.50	5D	1V	8M	View
Franklin	Truck Drivers	Dump Truck & Trailer	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers	Other Trucks	\$49.39	5D	1V	8M	View
Franklin	Truck Drivers - Ready Mix	Transit Mixers 20 yards and under	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers - Ready Mix	Transit Mixers over 20 yards	\$50.04	5D	1V	8M	View
Franklin	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.45		1		View
Franklin	Well Drillers & Irrigation Pump Installers	Oilser	\$13.50		1		View
Franklin	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		1		View

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.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

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.
 - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
 - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
 - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
 - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
 - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
 - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
 - C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Overtime Codes Continued

3. E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- 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.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

Overtime Codes Continued

4. 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.

- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at 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.
- H. 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.
- 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.
- 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.

Overtime Codes Continued

4. 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.
- M. All hours worked on Sunday and Holidays shall be paid at double the hourly rate. Any employee reporting to work less than nine (9) hours from their previous quitting time shall be paid for such time at time and one-half times the hourly rate.
- N. 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, and all work performed between the hours of midnight (12:00 AM) and eight AM (8:00 AM) every day shall be paid at double the hourly rate of wage.
- O. All hours worked between midnight Friday to midnight Sunday shall be paid at one and one-half the hourly rate of wage. After an employee has worked in excess of eight (8) continuous hours in any one or more calendar days, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of six (6) hours or more. All hours worked on Holidays shall be paid at double the hourly rate of wage.
- P. All hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage.
- Q. The first four (4) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday shall be paid at double the hourly rate. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Saturdays 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 on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. 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.
- T. The first two (2) hours of overtime for hours worked Monday-Friday 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 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. For work on Saturday which is scheduled prior to the end of shift on Friday, the first six (6) hours work shall be paid at one and one-half times the hourly rate of wage, and all hours over (6) shall be paid double the hourly rate of wage. For work on Saturday which was assigned following the close of shift on Friday, all work shall be paid at double the hourly rate of wage.
- 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.

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.

- W. 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.

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.

- 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.

Overtime Codes Continued

4. Y. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. All work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay.

Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift.

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.

ZOvertime 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. 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. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. Work performed on Sundays may be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).

Holiday Codes Continued

5. P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and a Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
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.

Holiday Codes Continued

7. B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Holiday Codes Continued

7. Z. Holidays: New Year's Day, President's Day, Independence Day, Memorial 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.
15. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the 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.
- B. Holidays: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. (9)
- C. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8)
- D. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and the day after Christmas.
- E. Holidays: the day before New Years's Day, New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day. (12)

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.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- 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.

Note Codes Continued

8. 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.
- 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.

Note Codes Continued

8. 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.)

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.

Note Codes Continued

- 9. 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.

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

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

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

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

**WSDOT's
Predetermined List for
Suppliers - Manufacturers - Fabricators**

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 vanned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		X
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		X
3. Prefabricated steel grate supports and welded grates, metal frames and dual vanned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		X
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		X
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		X
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.		X
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.		X

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. NOTE: *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	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.

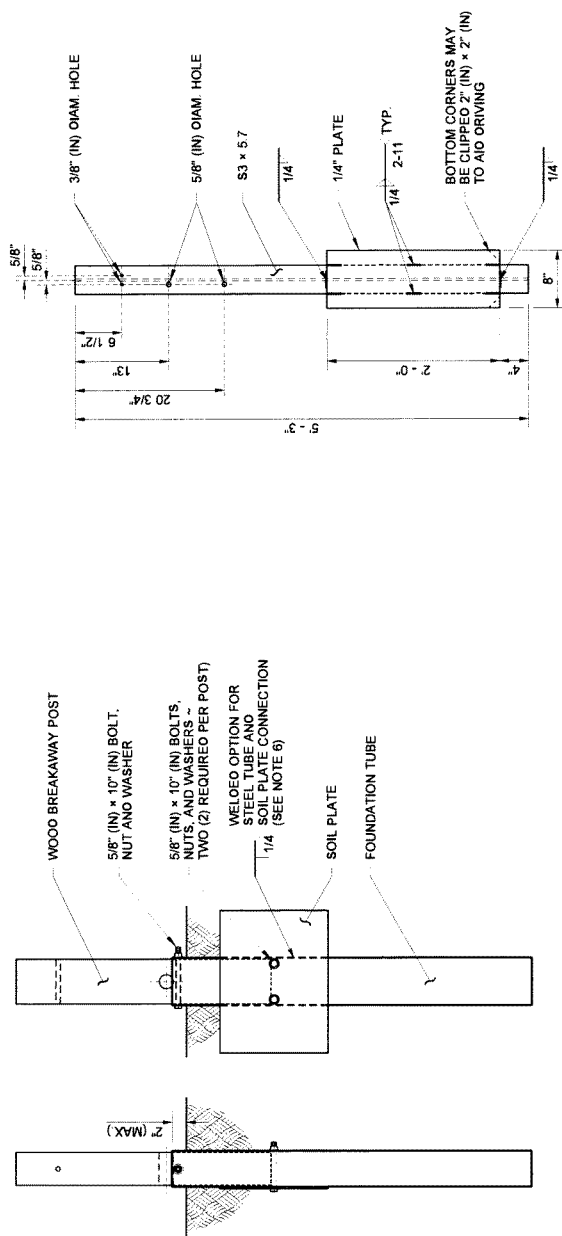
(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or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

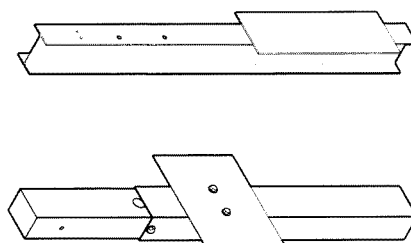
STANDARD PLANS

1. Wood posts for all guardrail placement plans shall be 6 x 8 except where noted otherwise.
2. Lower hole is for Rub Rail of Type 2 and Type 3 Beam Guardrail.
3. 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.
6. Soil plate may be welded to foundation tube. If so, holes in soil plate and foundation tube may be omitted.

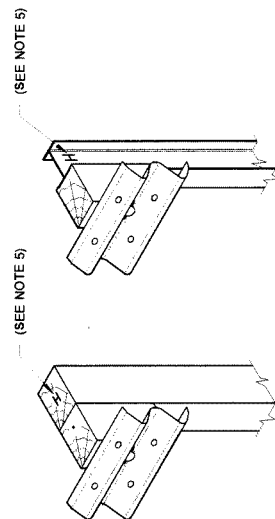


FRONT VIEW SIDE VIEW

ANCHOR POST ASSEMBLY



ANCHOR POST G-2 POST
ISOMETRIC



TIMBER POST **STEEL POST**

PARTIAL ASSEMBLY DETAIL



Donahue, John
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**BEAM GUARDRAIL
POSTS AND BLOCKS
STANDARD PLAN C-1b**

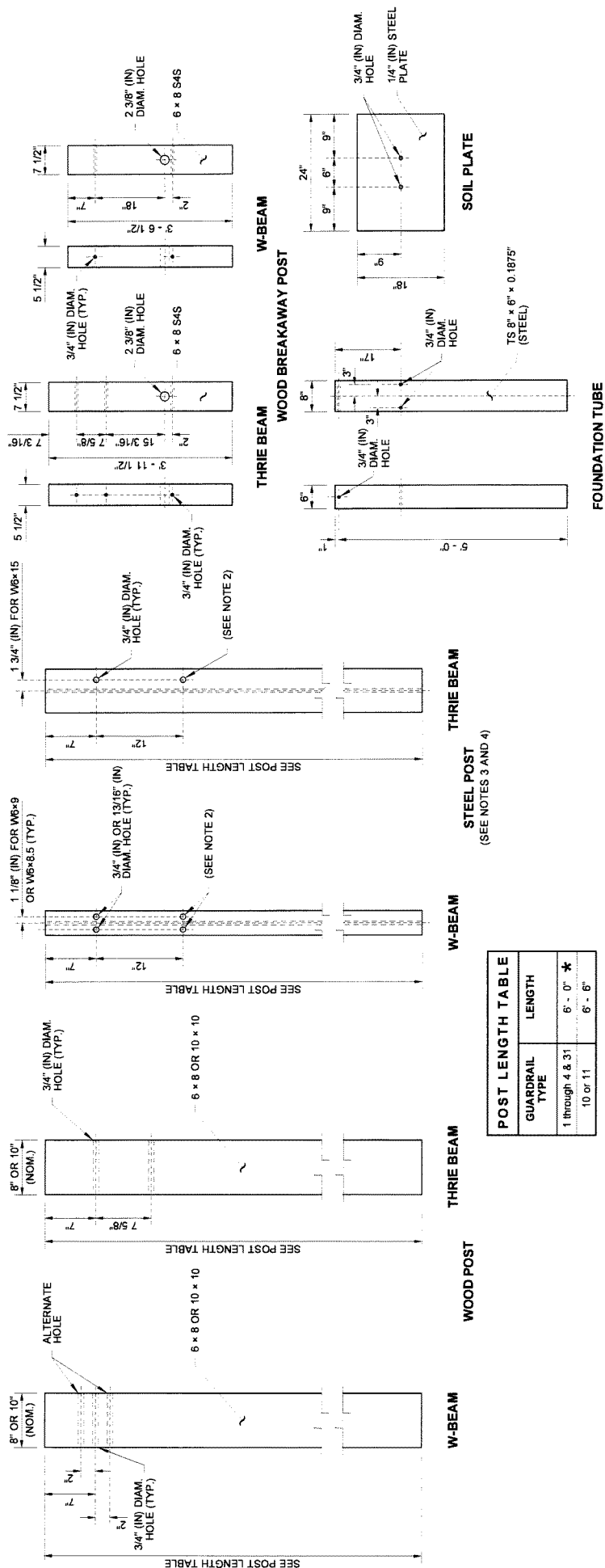
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Rank, Steve

Aug 12 2019 9:54



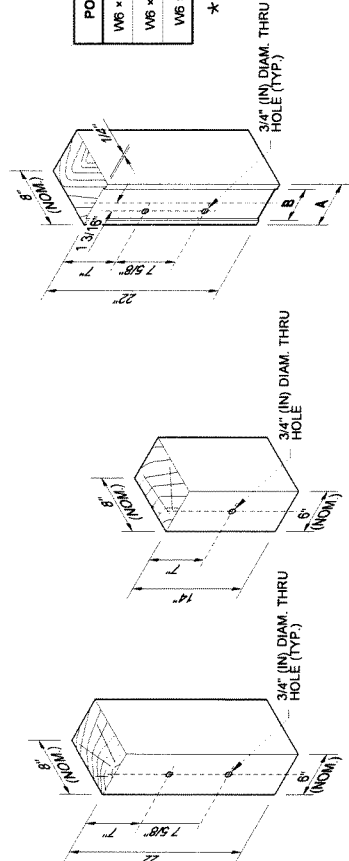


* SEE CONTRACT FOR "BEAM GUARDRAIL TYPE - ____ FT. LONG POST" LENGTHS. (SEE NOTE 5)

POST LENGTH TABLE	
GUARDRAIL TYPE	LENGTH
1 through 4 & 31	6' - 0" *
10 or 11	6' - 6"

POST	A	B
W6 x 8.5	8" x *	6 1/4"
W6 x 15	8" x *	6 1/4"
W6 x 9	6" x *	4 1/4"

* * NOMINAL (NOM.)



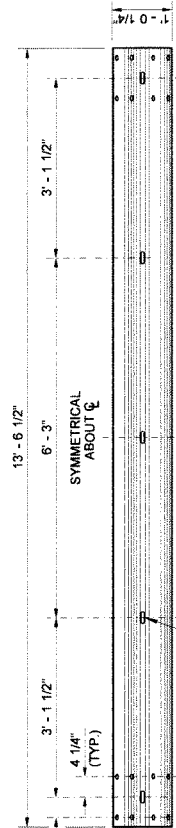
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Aug 10 2019 1:28 PM
23023
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON
BEAM GUARDRAIL POSTS AND BLOCKS
STANDARD PLAN C-1b
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION
Rout, Steve
Aug 12 2019 9:55 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

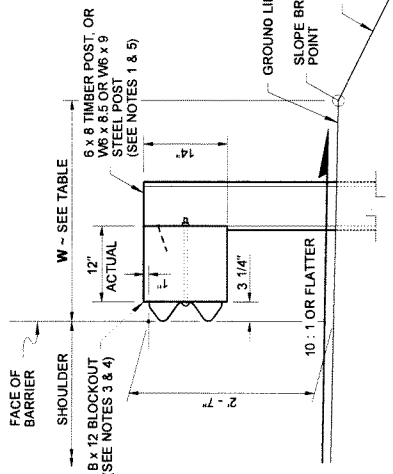
NOTES

-
- BEAM GUARDRAIL TYPE 31
- 3' - 1 1/2"
- 6' - 3"
- 6' - 3"
- 2' - 7"
- GROUND LINE
- MID SPAN SPLICE
- TYPICAL ELEVATION
- 13' - 6 1/2"
- 3' - 1 1/2"
- 6' - 3"
- 4 1/4" (TYP.)
- 4 1/4" (TYP.)
- SYMMETRICAL ABOUT C
- 1 - 0 1/4"
- PE ~ TABLE

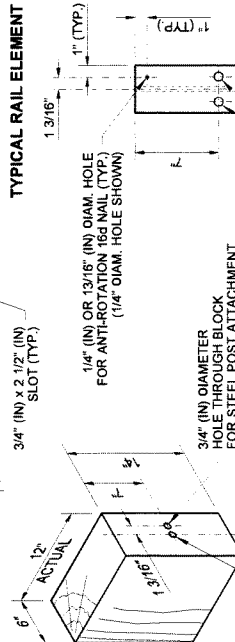
TYPICAL ELEVATION



TYPICAL SECTION - WITHOUT CURB
(6' - 0" POSTS)



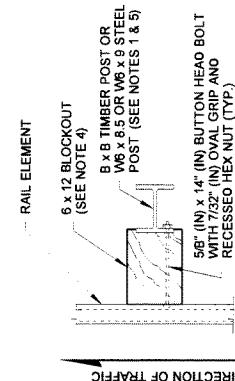
TYPICAL RAIL ELEMENT



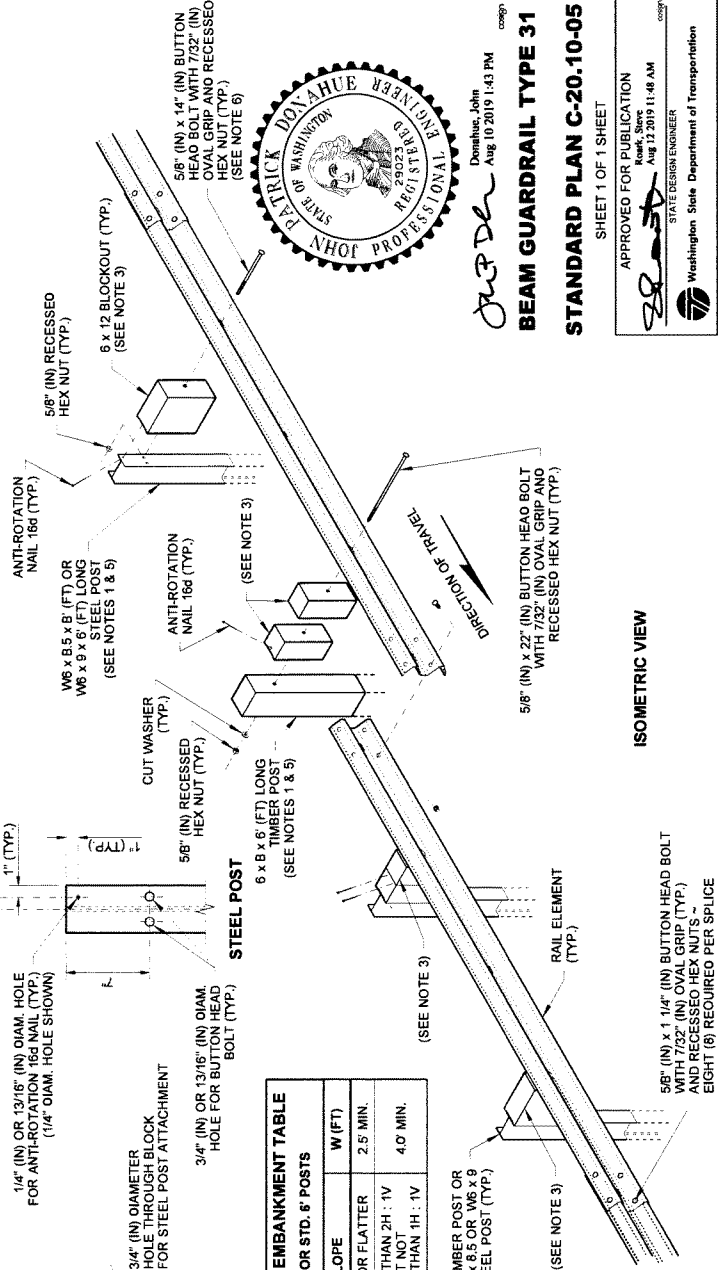
WOOD BLOCK

SLOPE / EMBANKMENT TABLE FOR STD. 6" POSTS	
SLOPE	W (FT)
2H : 1V OR FLATTER	2.5' MIN.
STEEPER THAN 2H : 1V BUT NOT STEEPER THAN 1H : 1V	4.0' MIN.

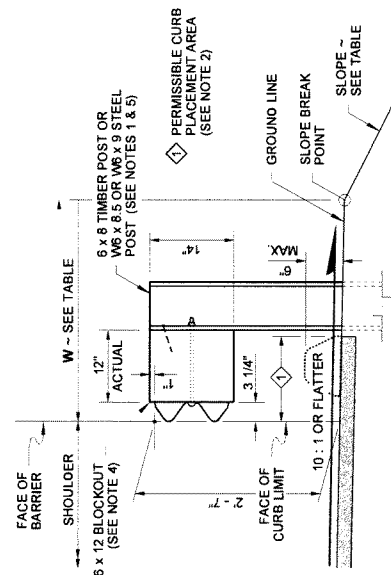
PLAN VIEW



ISOMETRIC VIEW



ELEVATION VIEW
TYPICAL SECTION ~ WITH CURB
(6' - 0" LONG POSTS)



Donahue, John
Aug 10 2019 1:43 PM

BEAM GUARDRAIL TYPE 31

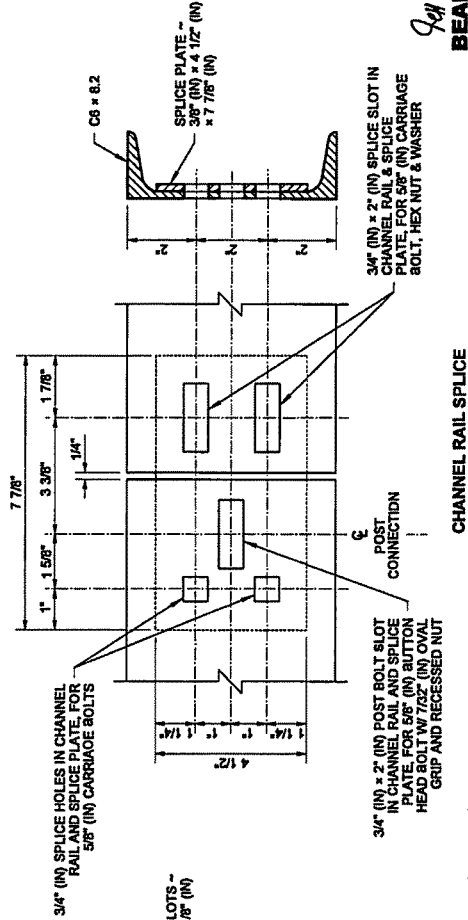
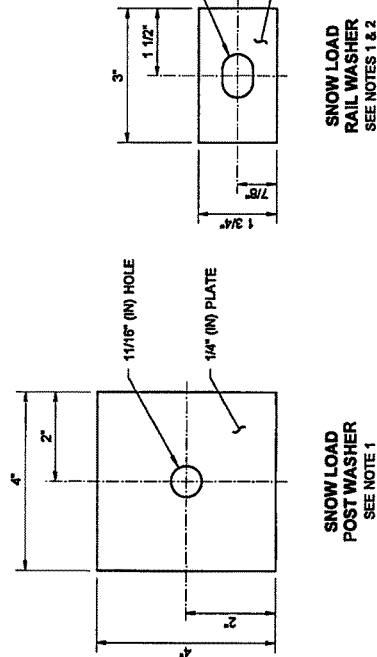
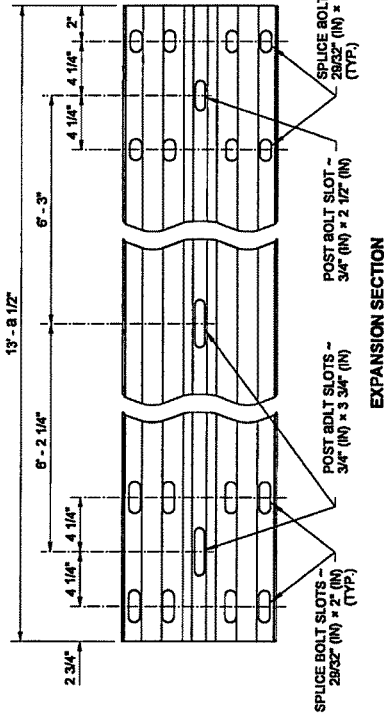
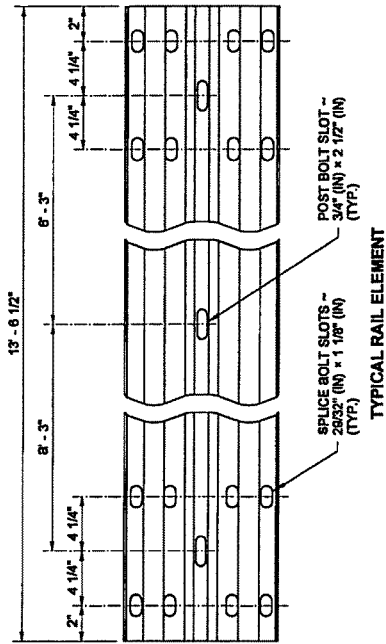
STANDARD PLAN C-20.10-05

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Roark, Steve
Aug 12 2019 11:48 AM



STATE DESIGN ENGINEER
Washington State Department of Transportation



NOTES

- When required by the Contract, a Snow Load Post Washer shall be used on the backside of the post (in lieu of the 1 3/4" (N) Post Bolt Washer) and a Snow Load Rail Washer shall be placed on the face side of Beam Guardrail Types 1 and 2. Snow Load Rail Washers shall not be installed on terminals.
- Rail Washers, also called "Snow Load Rail Washers", are not required on new installation, except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 8 of a BCT installation shall be removed.
- Timber blocks shall be toe-nailed to the post with a 16d galvanized nail to prevent block rotation.
- For post and block details, see Standard Plan C-1b.
- When "Beam Guardrail Type - ____ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" (N) min. high and 3/4" (N) 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" (N). 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.
- Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.
- Holes shall be located on approaching traffic side of web.



Jeffrey L. Peterson
Professional Engineer
No. 36937
State of Washington
July 6, 2017 5:11 PM

BEAM GUARDRAIL TYPE 31 COMPONENTS

STANDARD PLAN C-20.11-00

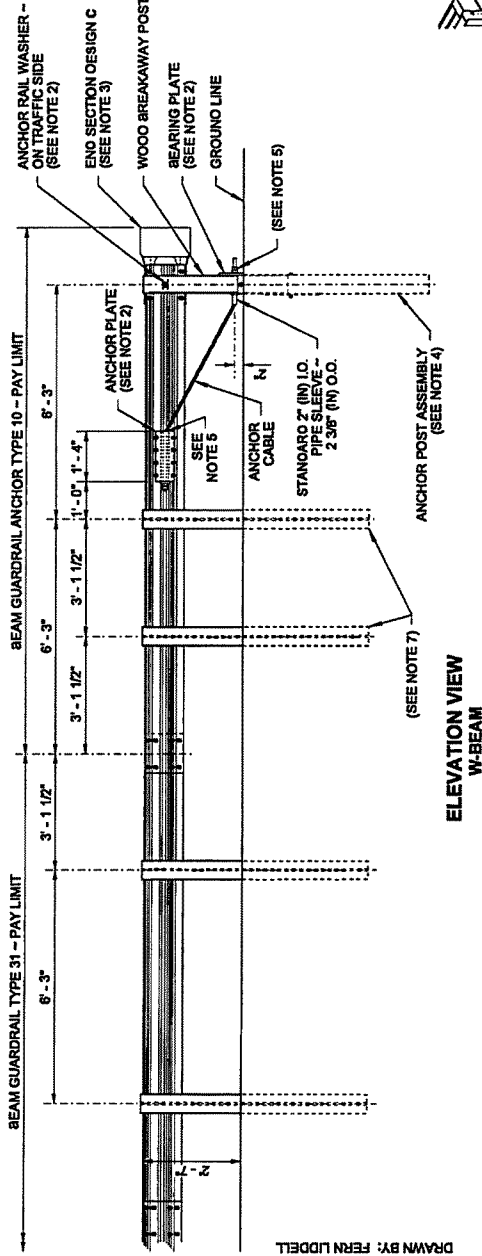
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
C-20.11-00
JUL 27 2017 5:11 AM

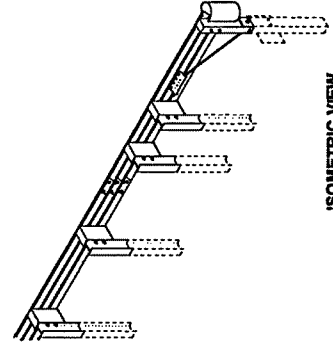
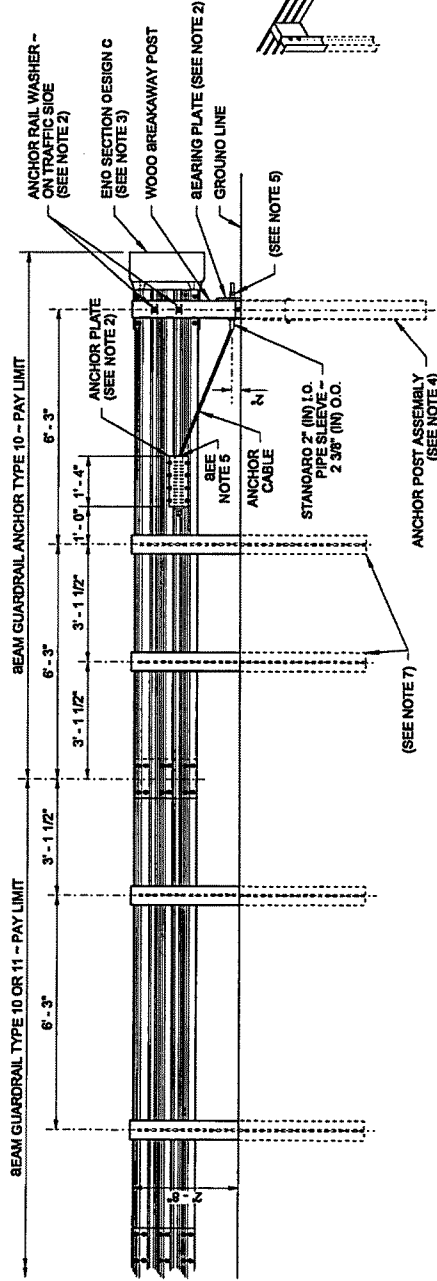
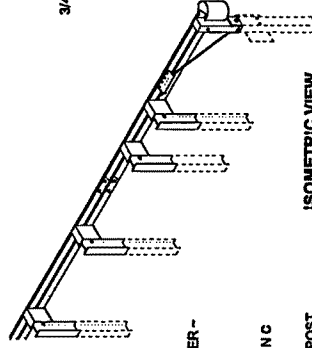
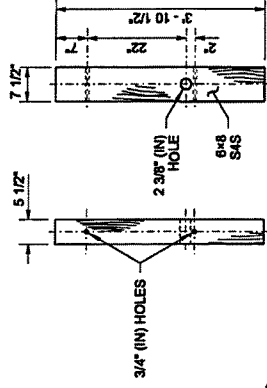
STATE ENGINEER
Washington State Department of Transportation

NOTES

1. For use on the and of guardrail runs when a crashworthy terminal is not required.
2. For additional details not shown, see Sheet 2 of this Plan.
3. For end section details, see Standard Plans C-7 and C-7a.
4. Use details for Wood Breakaway post shown on this plan and components shown on Standard Plan C-1b.
5. 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.
6. Wood blocks shown. Blocks of alternate material may be used. See Standard Specification, Section 9-16.3(2).
7. Posts shall match those of the connecting run: timber or steel.
8. Anchor plate may be constructed from 1/4" (in) plates welded to equal strength and dimensions as shown.
9. Eight 5/8" (in) x 1 1/2" (in) machine bolts with hex nut and washer. Place washer on face side of rail.



DRAWN BY: FERN LIDDELL

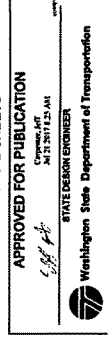


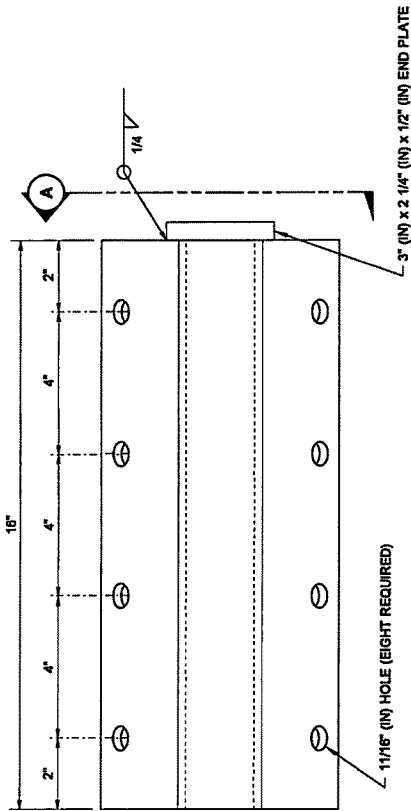
Jeff Peterson
 Professional Engineer
 State of Washington
 License No. 36537
 Exp. 12/31/25
 JPT 12/31/25 AM

BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10

STANDARD PLAN C-23.60-04

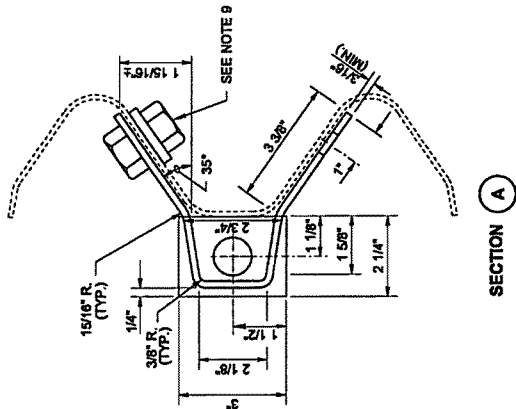
SHEET 1 OF 2 SHEETS



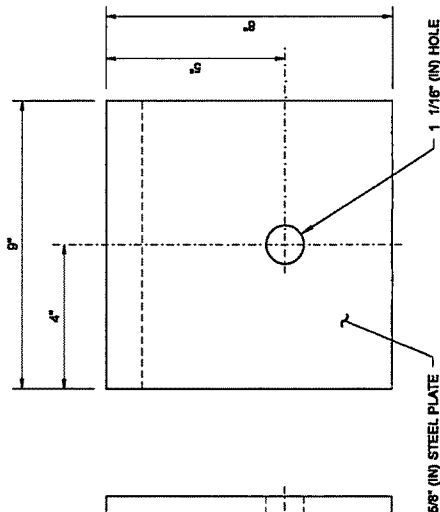
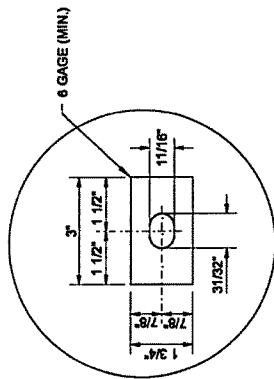


ELEVATION

ANCHOR PLATE
(SEE NOTE 8)

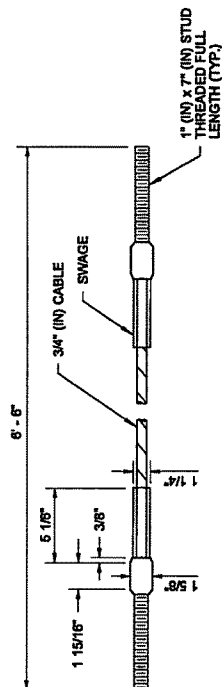


ANCHOR RAIL WASHER



BEARING PLATE

3/16" (IN) x 1" (IN) x 6" (IN) PLATE
TACK WELDED TO 5/8" (IN) PLATE



ANCHOR CABLE



Jeff Peterson, EIT (UO Design)
Jul 6 2017 3:15 PM
Jeff Peterson
BEAM GUARDRAIL (TYPE 31)
ANCHOR TYPE 10
STANDARD PLAN C-23.60-04

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

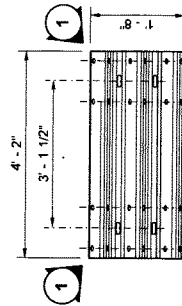
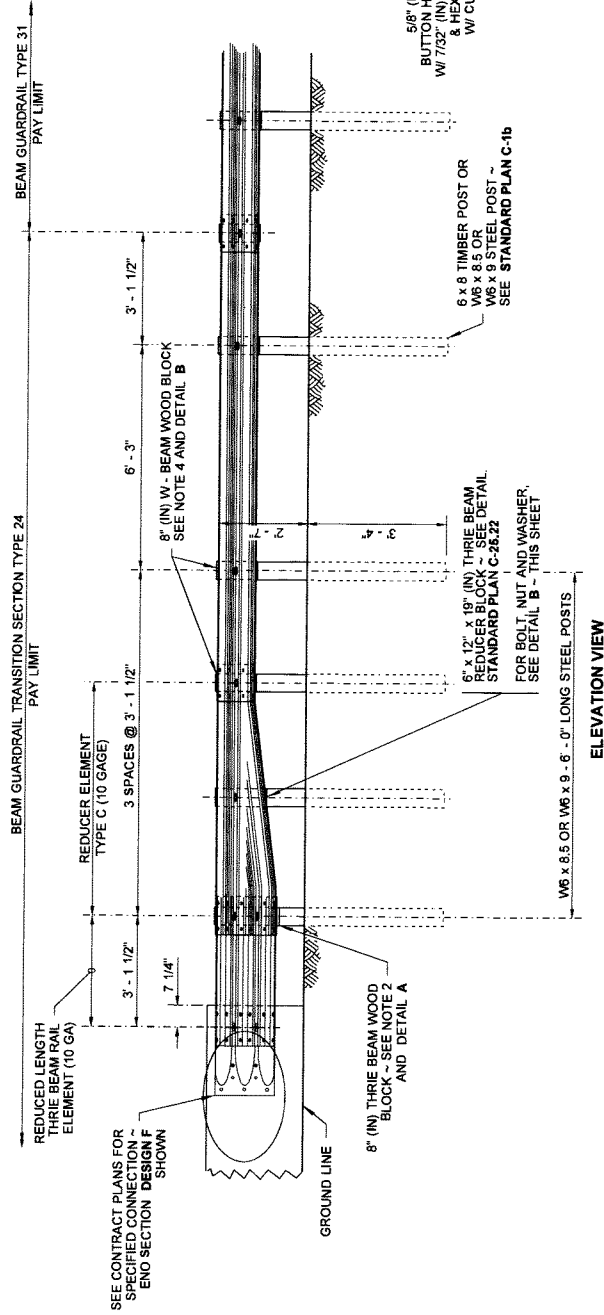
Checked: Jeff
Jul 27 2017 2:53 AM

STATE DESIGN ENGINEER

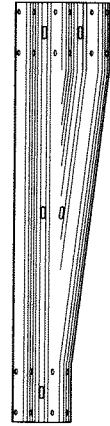
Washington State Department of Transportation

NOTES

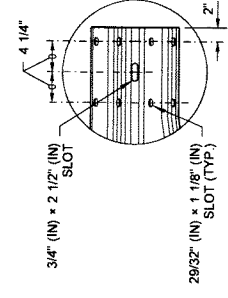
1. This guardrail transition is for connection to a vertical concrete shape, a single slope, or a safety-shape barrier. The toe of the single slope and the safety-shape barrier shall be tapered or the barrier blocked out so that the toe of the barrier does not project beyond the face of the approach guardrail.
2. See **Standard Plan C-1b** for thrie beam wood block detail.
3. See **Standard Plan C-20.10** for typical components (nuts, washers and bolts) at splices.
4. See **Standard Plan C-1b** for W-Beam wood block detail.
5. All rail sections shall be lapped in the direction of traffic.
6. See **Standard Plan C-24.10** for details regarding connection to bridge rail or traffic barrier.



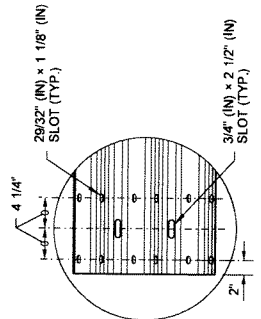
REDUCED LENGTH THRIE-BEAM RAIL ELEMENT 10 GAGE



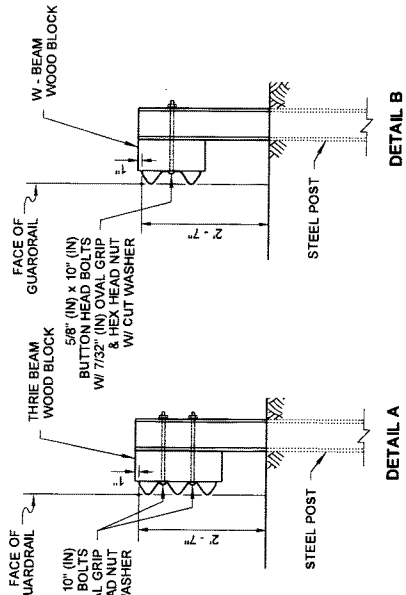
LEFT (MIRROR OF RIGHT)



REDUCER ELEMENT TYPE C

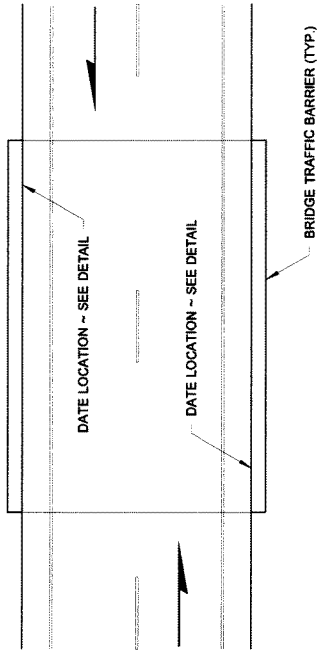


REDUCER ELEMENT TYPE C



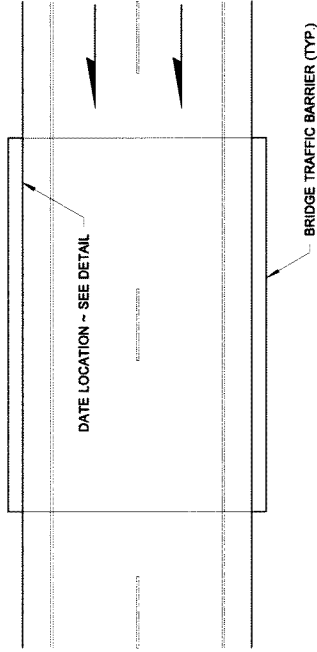
BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 24
(POSTED SPEED 45 MPH AND BELOW)
STANDARD PLAN C-25.30-00

SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
CAPSTONE, JKT
JAN 28 2018 10:43 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation



PLAN VIEW

DATE LOCATION ON TWO-WAY BRIDGES

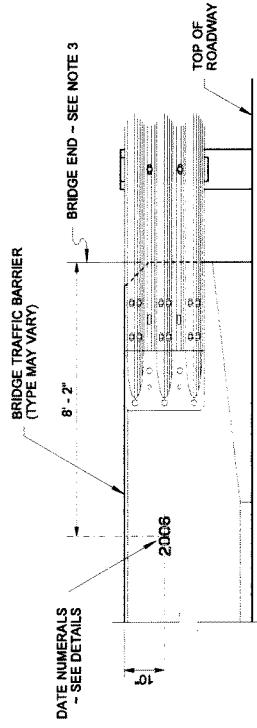


PLAN VIEW

DATE LOCATION ON ONE-WAY BRIDGES

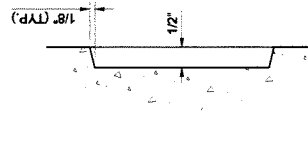
NOTES

1. All numerals are approx. 3 1/4" wide except numeral "1" which is approx. 5/8" wide.
2. Spacing between the numeral "1" and any other numeral is 1". Spacing between all other numerals is 3/4".
3. Traffic Barrier Connections between the bridge and the approaching roadway vary and may consist of concrete barrier extensions. Install the Date Numerals on the traffic barrier of the bridge itself.

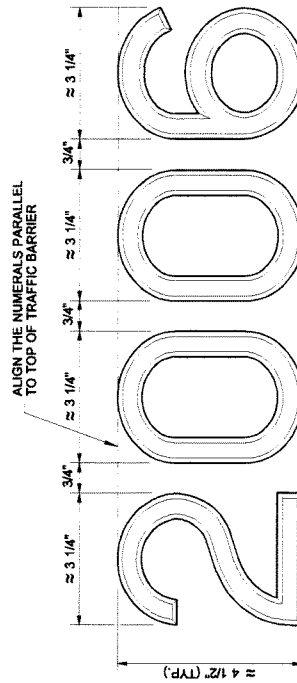


ELEVATION VIEW

DATE LOCATION DETAIL

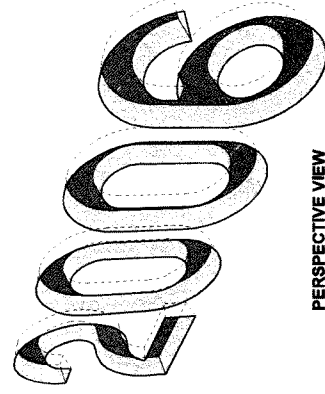
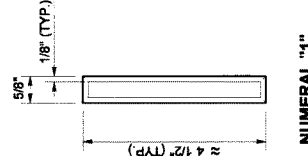


TYPICAL SECTION VIEW



TYPICAL DATE NUMERALS

DATE NUMERAL DETAILS



PERSPECTIVE VIEW



EXPIRES AUGUST 26, 2007

DATE NUMERAL PLACEMENT ON BRIDGE TRAFFIC BARRIER STANDARD PLAN E-1

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Ken L. Smith

STATE DESIGN ENGINEER

02-21-07

DATE

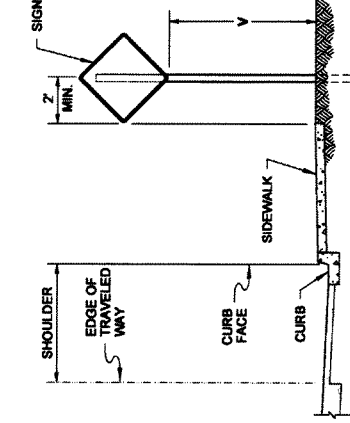
Washington State Department of Transportation



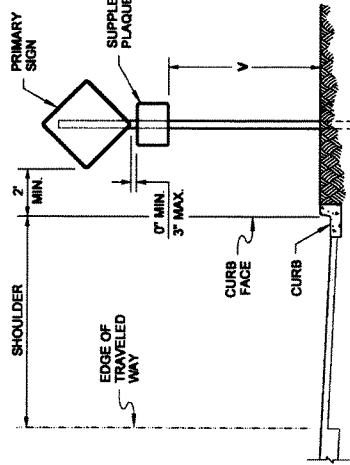
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. IT IS FOR INFORMATIONAL PURPOSES ONLY. THE ENGINEER HAS APPROVED THIS PLAN FOR THE PURPOSES OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

NOTES

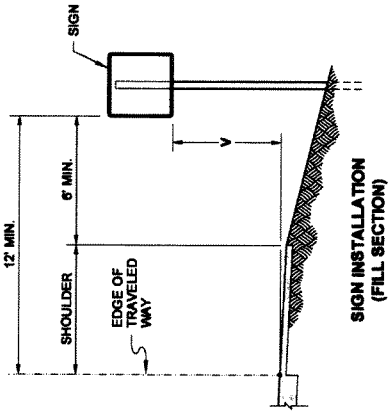
1. For sign installation details, see Standard Plan G - series.
2. Where it is impractical to locate a sign with the lateral offset, a minimum of 2'(ft) offset may be used. A 1'(ft) lateral offset may be used in business, commercial or residential areas.
3. The "V" height for signs, with an area of more than 50 square feet and two or more sign supports, is 7 feet in both rural and urban areas.



SIGN INSTALLATION
(SIDEWALK AND CURB SECTION)



SIGN INSTALLATION
(CURB SECTION)



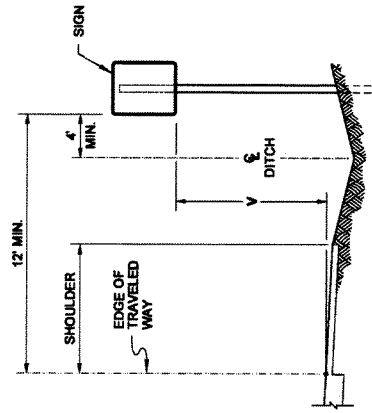
SIGN INSTALLATION
(FILL SECTION)



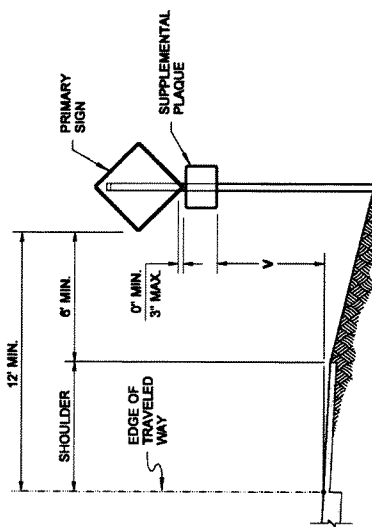
Michael John
Niggett, John
May 16 2016 9:57 AM
design

CLASS A
CONSTRUCTION SIGNING
INSTALLATION
STANDARD PLAN K-80.10-01
SHEET 1 OF 1 SHEET

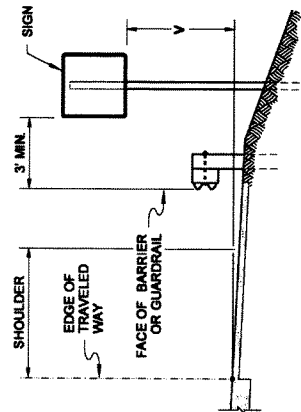
APPROVED FOR PUBLICATION
Christopher Jeff
Jun 1 2016 4:20 PM
STATE DESIGN ENGINEER
Washington State Department of Transportation



SIGN INSTALLATION
(DITCH SECTION)



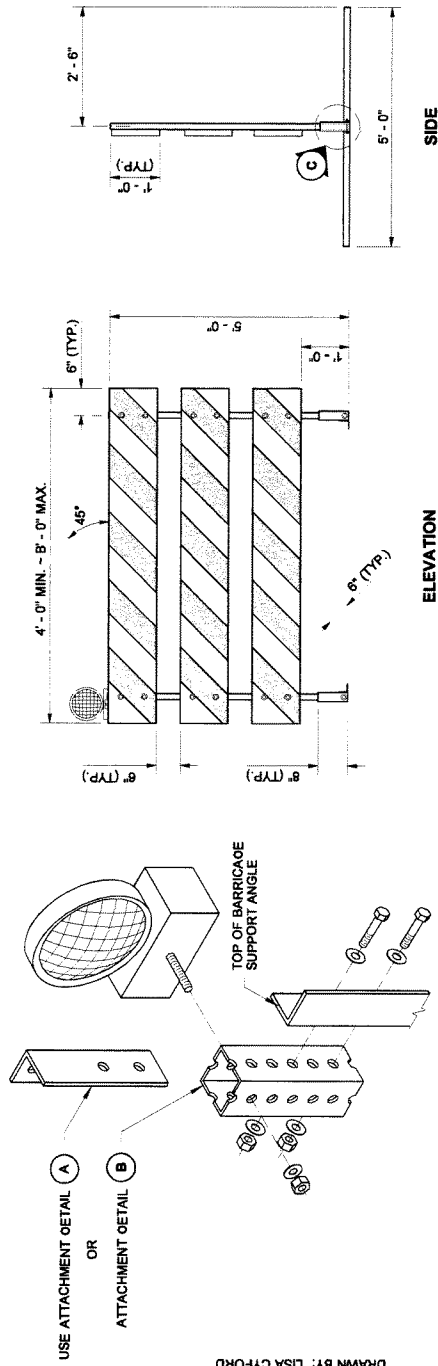
SIGN WITH SUPPLEMENTAL
PLAQUE INSTALLATION
(FILL SECTION)



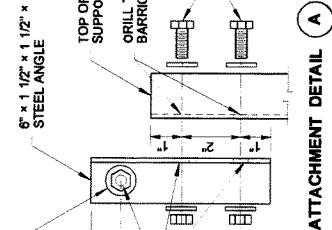
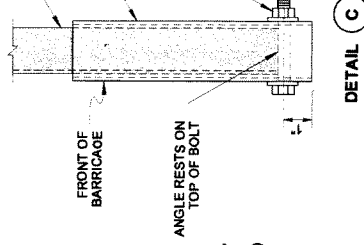
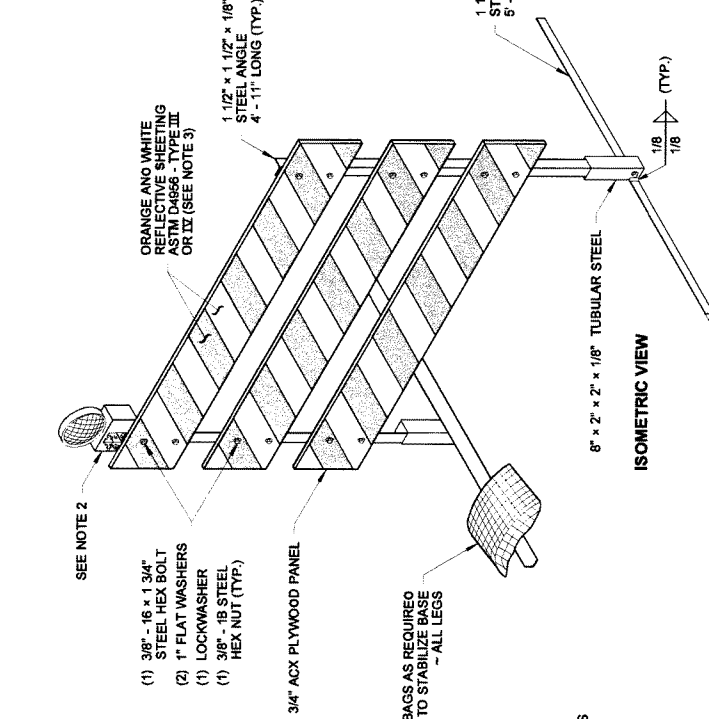
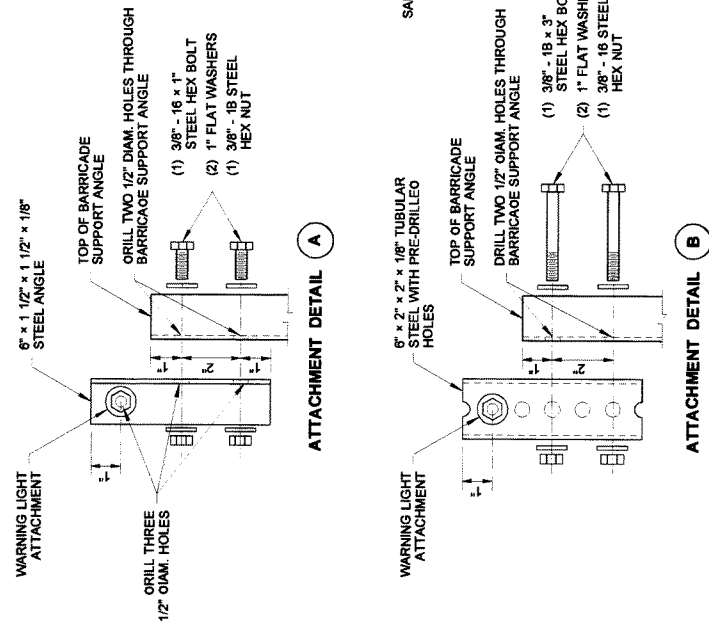
SIGN INSTALLATION
(BEHIND TRAFFIC BARRIER)

NOTES

1. All fasteners may be zinc plated, galvanized or stainless steel. All steel angle and tubular steel shall be hot-rolled, high carbon steel, painted or galvanized.
2. Install one lightweight Type A Low-Intensity flashing warning light on the traffic side of the barricade. Install two Type A Low-Intensity flashing warning lights per barricade when the barricades are used to close a roadway. Attach the light to the barricade according to the light manufacturer's recommendations or use the details shown on this plan.
3. Stripes on barricade rails shall be alternating orange and white retroreflective stripes (sloping downward at an angle of 45 degrees in the direction traffic is to pass).
4. The Type 3 barricade design shown on this plan meets the crash test requirements of NCHRP 350. Alternative designs may be approved if they conform to the NCHRP 350 crash test criteria and the MUTCD.
5. When a sign is mounted on the barricade, it shall be securely bolted to at least two plywood panels. The top of the sign shall not be higher than the top panel of the barricade.
6. When sandbags are used in freezing weather, Urea fertilizer shall be mixed with the sand in a quantity to prevent the sand from freezing.



TYPE 3 BARRICADE



TYPE 3 BARRICADE

STANDARD PLAN K-80-20-00

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Kevin J. Dayton

STATE DESIGN ENGINEER

Washington State Department of Transportation

12-20-06

DATE

12-20-06

DATE

12-20-06

DATE

12-20-06

DATE

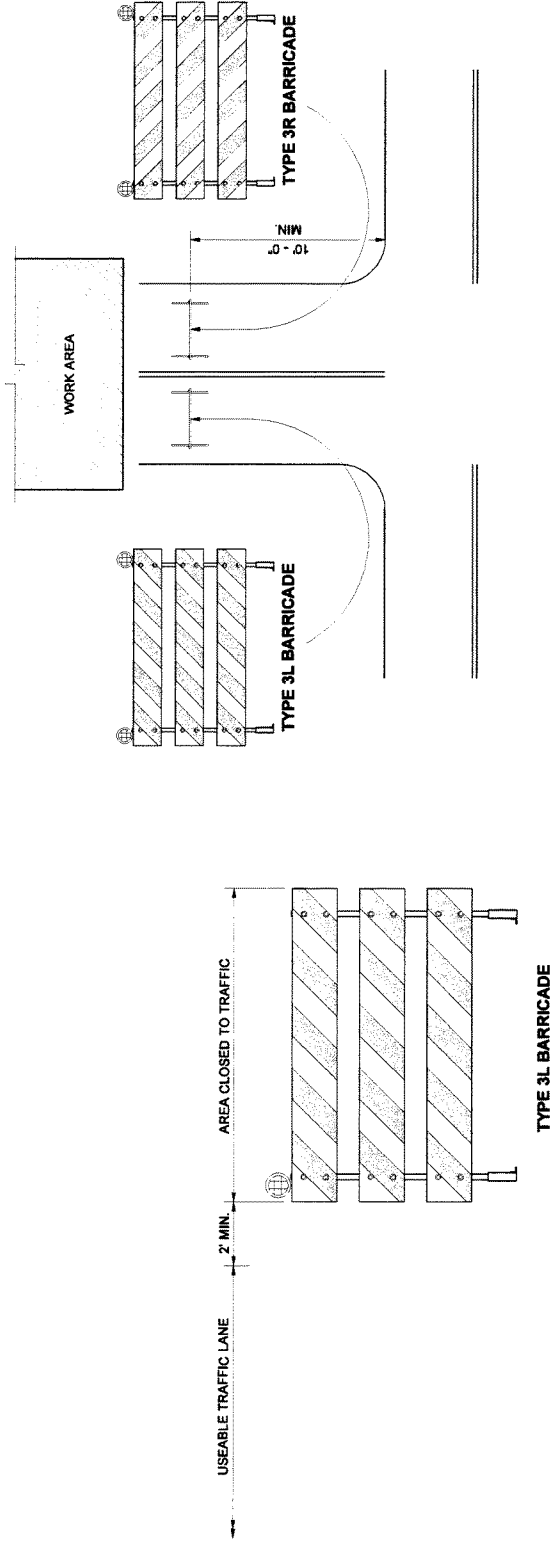
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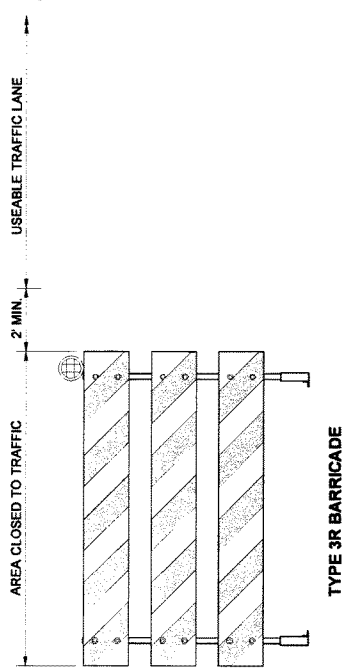
12-20-06

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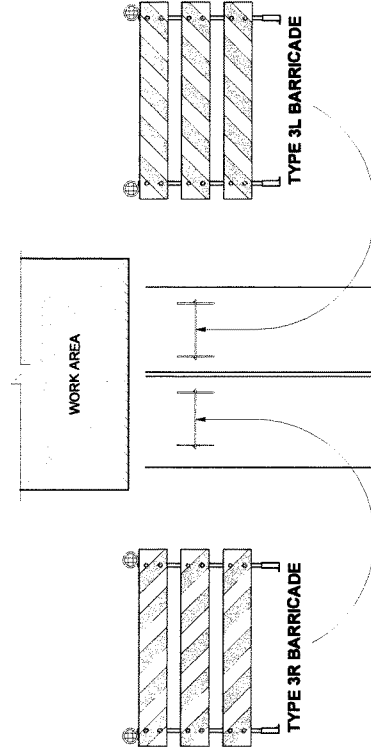
12-20-06



STRIPES ON THE BARRICADES SHALL SLOPE
DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS



ROAD CLOSURE AT INTERSECTION



ROAD CLOSURE AT OTHER LOCATIONS

BARRICADE PLACEMENT



EXPIRES AUGUST 9, 2007

TYPE 3 BARRICADE

STANDARD PLAN K-80.20-00

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Kevin J. Dayton

STATE DESIGN ENGINEER

12-20-06

DATE

Washington State Department of Transportation

CONSTRUCTION DRAWINGS

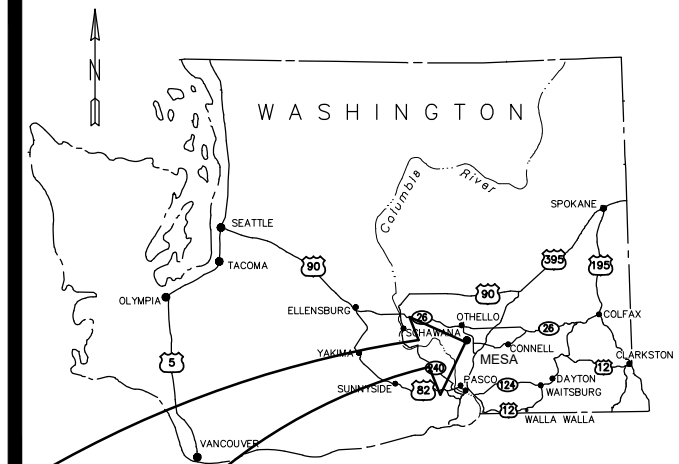
FRANKLIN COUNTY, WA.

COYAN BRIDGE #200-9.93

CRP 617

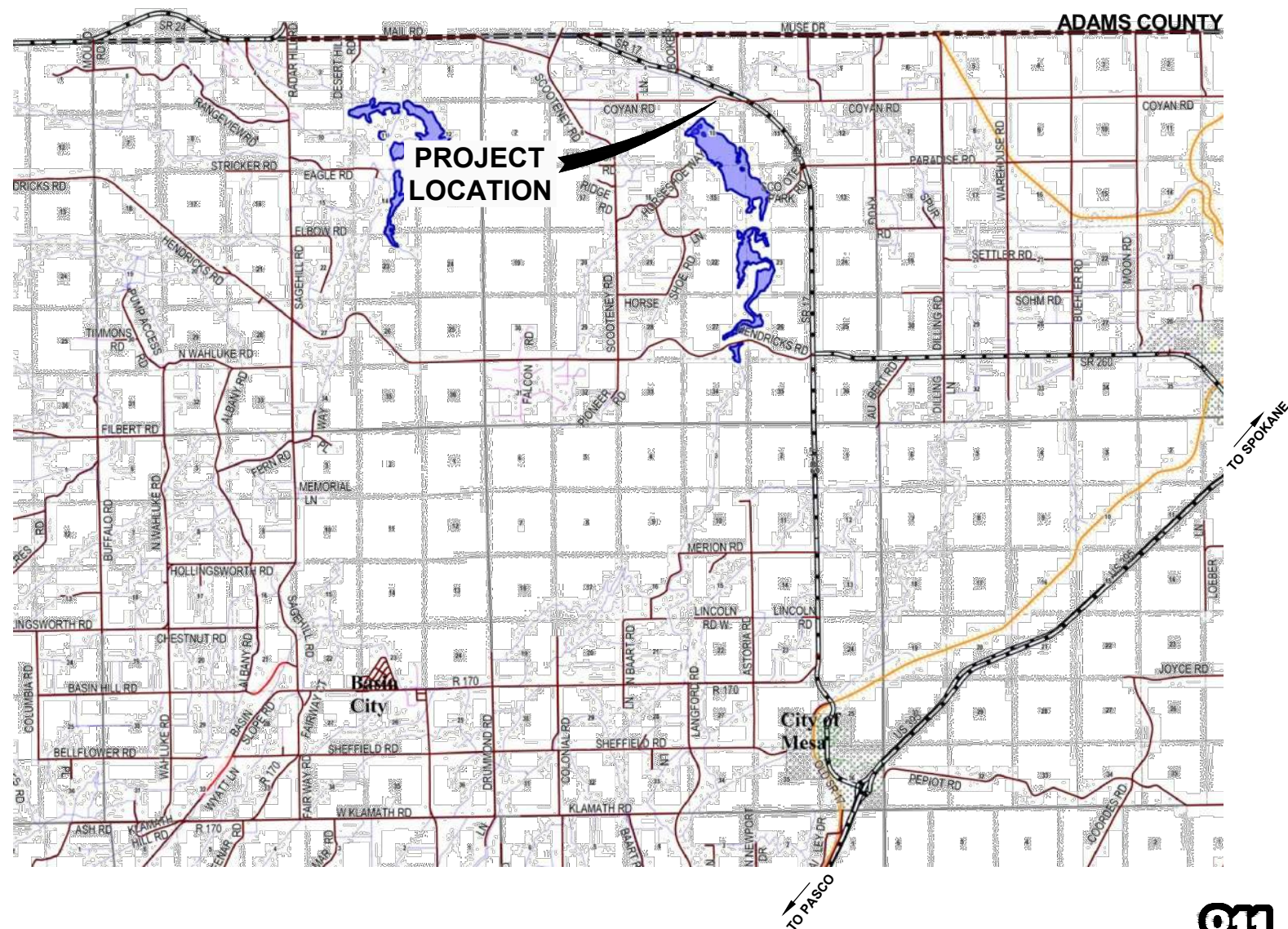
RAP- #1118-02

FED. AID PROJECT NO. BROS-2011(049)



INDEX

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D-102	BRIDGE DEMOLITION PLAN AND PROFILE	5
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VICINITY MAP
NTS

BOARD OF FRANKLIN COUNTY COMMISSIONERS

CHAIRMAN - ROBERT E. KOCH
CHAIRMAN PRO-TEM- BRAD PECK
MEMBER - CLINT DIDIER

COUNTY OFFICIALS

COUNTY ADMINISTRATOR - KEITH JOHNSON
PUBLIC WORKS DIRECTOR - MATT MAHONEY
COUNTY ENGINEER - CRAIG ERDMAN, P.E.



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& associates, inc.**
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Know what's below.
Call before you dig.

SHEET
G-001

1 OF 28

THIS DRAWING HAS BEEN
REDUCED APPROXIMATELY 50%.
ADJUST SCALE ACCORDINGLY.
BAR SCALE SHOWN IS ACCURATE.

R:\Clients\Franklin County\6085-66 Coyan Bridge\060 Design\6085-66-060G-002SUM.dwg, 8/14/2020 8:46:22 AM, _AutoCAD PDF (General Documentation).pc3

GENERAL CONSTRUCTION NOTES

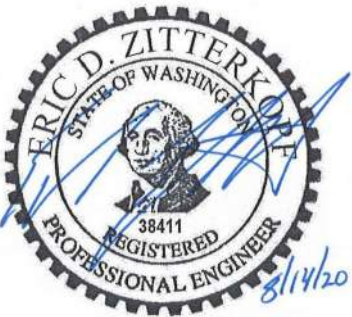
1. THESE PLANS SPECIFICATIONS AND REFERENCED DOCUMENTS SHALL BE USED TO CONSTRUCT THE IMPROVEMENTS SHOWN. REFERENCED DOCUMENTS INCLUDE THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (2020 EDITION), WSDOT STANDARD PLANS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL. WSDOT STANDARD PLANS MAY BE USED AS A GUIDE FOR TRAFFIC CONTROL. ALL SIGNING SHALL COMPLY WITH THE MUTCD AND ALL TRAFFIC OPERATIONS MUST BE ACCEPTABLE TO FRANKLIN COUNTY.
3. ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE SHOWN WITH AS MUCH ACCURACY AS POSSIBLE, BASED ON AVAILABLE INFORMATION. SOME DISCREPANCIES AND OMISSIONS IN LOCATION, TYPE AND SIZE SHOULD BE EXPECTED TO OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES IN AND AROUND THE WORK AREAS. BOTH PRIVATE AND PUBLIC POWER, WATER, IRRIGATION, TELEPHONE, GAS, CABLE AND WASTEWATER SHALL BE INCLUDED. ANY DISCREPANCIES BETWEEN THE DESIGN SHEETS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER.
4. ANY OBSTRUCTIONS ENCOUNTERED THAT MAY NOT BE SHOWN ON THE PLANS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER. ITEMS VISIBLE IN THE FIELD ARE THE CONTRACTOR'S RESPONSIBILITY, EVEN IF NOT SHOWN ON THE PLANS.
5. SAW CUT ALL EXISTING ASPHALT AND CONCRETE WHERE JOINTS WITH NEW CONSTRUCTION WILL BE REQUIRED.

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AS MAY BE NECESSARY TO CONTROL WATER AND WIND EROSION.
2. SOILS IN THE CONSTRUCTION AREA ARE CLASSIFIED AS SILTY SAND AND ARE SUSCEPTIBLE TO WIND EROSION. THE CONTRACTOR SHALL STABILIZE EXPOSED SOIL BY WATERING OR OTHER ENGINEER APPROVED METHODS.
3. TRACKING OF SOIL OR DEBRIS OFF SITE IS NOT PERMITTED. IF SOIL OR DEBRIS IS TRACKED ONTO A PUBLIC ROADWAY IT SHALL BE IMMEDIATELY REMOVED.
4. HYDROSEED ALL DISTURBED AREAS AS DIRECTED BY THE ENGINEER AFTER CONSTRUCTION IS COMPLETE.

SUMMARY OF QUANTITIES

ITEM NO	ITEM	UNIT	TOTAL QUANTITY
PREPARATION			
1	MOBILIZATION	LS	1
2	CLEARING AND GRUBBING	LS	1
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
4	REMOVING EXISTING BRIDGE	LS	1
GRADING			
5	ROADWAY EXCAVATION, INCL. HAUL	CY	360
6	COMMON BORROW, INCL. HAUL	CY	6,780
7	EMBANKMENT COMPACTION	CY	5,000
DRAINAGE			
8	QUARRY SPALLS	CY	80
STRUCTURE			
9	STRUCTURE EXCAVATION CLASS A, INCL. HAUL	CY	136
10	SHORING OR EXTRA EXCAVATION, CLASS A	LS	1
11	GRAVEL BACKFILL FOR WALL	CY	52
12	FURNISHING ST. PILING	LF	237
13	FURNISHING STEEL PILE TIP OR SHOE	EA	16
14	DRIVING ST. PILE	EA	16
15	ST. REINF. BAR FOR SUBSTRUCTURE	LB	10,600
16	CONC. CLASS 4000 FOR SUBSTRUCTURE	CY	72
17	SUPERSTRUCTURE (COYAN BRIDGE #200-9.93)	LS	1
18	TRAFFIC BARRIER	LF	205
19	BRIDGE APPROACH SLAB	SY	83
20	WATERPROOF MEMBRANE	SY	447
SURFACING			
21	CRUSHED SURFACING TOP COURSE	TON	755
22	CRUSHED SURFACING BASE COURSE	TON	2,590
HOT MIX ASPHALT			
23	HMA CL.3/8 IN. PG 645-28	TON	717
24	HMA FOR APPROACH CL. 3/8 IN. PG 645-28	TON	38
25	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC	1
26	COMPACTION PRICE ADJUSTMENT	CALC	1
EROSION CONTROL AND ROADSIDE RESTORATION			
27	ESC LEAD	DAY	5
28	EROSION CONTROL AND WATER POLLUTION CONTROL	CALC	1
29	SEEDING, FERTILIZING AND MULCHING	AC	0.60
TRAFFIC			
30	BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24	EA	4
31	BEAM GUARDRAIL TYPE 31	LF	150
32	BEAM GUARDRAIL ANCHOR TYPE 10	EA	4
33	PAINT LINE	LF	1,256
34	PERMANENT SIGNING	LS	1
35	CONSTRUCTION SIGNS CLASS A	SF	120
36	PROJECT TEMPORARY TRAFFIC CONTROL	LS	1
OTHER			
37	TRIMMING AND CLEANUP	LS	1
38	MINOR CHANGE	CALC	1
39	SPCC PLAN	LS	1
40	MAILBOX SUPPORT TYPE 1	EA	1
41	REINSTALL SALVAGED GATE	LS	1
42	RECORD DRAWINGS	LS	1



									FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
											G-002
									GENERAL NOTES & SUMMARY OF QUANTITIES		
									2 OF 28		
REVISION			BY	DATE	JOB NUMBER 6085-66		DATE August 14, 2020				
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RAP - #1118-02
FED AID NO: BROS-2011(049)

LEGEND

WATER

	EXISTING	PROPOSED
WATER LINE		
SERVICE CONNECTION		
VALVES (GATE/BUTTERFLY/CHECK)		
IRRIGATION SLEEVE		
CAP		
COUPLING		
REDUCER		
WATER METER		
FIRE HYDRANT		
THRUST BLOCK		

SEWER/STORM DRAIN

SANITARY SEWER LINE		
STORM DRAIN LINE		
SANITARY SEWER MANHOLE		
SANITARY SEWER CLEANOUT		
STORM DRAIN MANHOLE		
STORM DRAIN CATCH BASIN		

MISC. UTILITIES

BURIED CONDUIT		
BURIED POWER		
OVERHEAD POWER		
BURIED TELEPHONE		
OVERHEAD TELEPHONE		
BURIED TV		
OVERHEAD TV		
GAS		
IRRIGATION		
UTILITY POLE		
UTILITY POLE ANCHOR		
ELECTRICAL JUNCTION BOX		
PAD TRANSFORMER		
POWER VAULT		
TELEPHONE RISER/VAULT		
FIBER OPTIC VAULT		
GAS METER		
STREETLIGHT		

SURVEY

	EXISTING	PROPOSED
MONUMENT (IN CASE)		
MONUMENT (SURFACE)		
SOIL BORING/TEST PIT		
CENTERLINE		
RIGHT-OF-WAY		
PROPERTY LINE		
EASEMENT LINE		
SECTION LINE		
SECTION CORNER		
SECTION QUARTER CORNER		

SURFACE FEATURES

DAYLIGHT / CATCH		
ORDINARY HIGH WATER ELEVATION		
WETLAND		
INDEX CONTOUR		
INTERMEDIATE CONTOUR		
CREEK/DITCH CENTERLINE		
RETAINING WALL		
SIDEWALK CURB & GUTTER		
DRIVEWAY/ACCESS RAMP W/ WARNING STRIP		
EDGE ASPHALT/CONCRETE		
EDGE GRAVEL		
FENCE LINE/GATE		
GUARDRAIL		
TREE, DECIDUOUS		
SIGN		
BUILDING		
ACP		
GRAVEL		

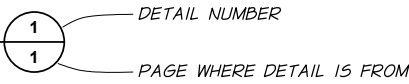
TRAFFIC CONTROL

TYPICAL TRAFFIC CONTROL ARROWS		
TYPICAL TRAFFIC CONTROL SYMBOLS		
TYPICAL TRAFFIC DIVIDER LINES		
FOG LINE		

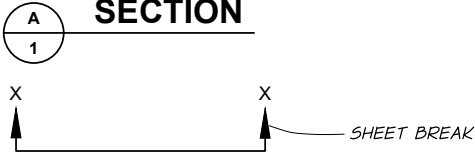
DRAFTING



DETAIL



SECTION



VERTICAL DATUM

THE USBR BRASS CAP BENCH MARK, IN CONCRETE ON TOP THE RADIAL GATE CHECK DROP STRUCTURE ON THE POTHOLES EAST CANAL - STATION 1369+11, ELEVATION OF 945.08 FEET AS STAMPED, IN SECTION 10, TOWNSHIP 14 NORTH, RANGE 30 EAST, W.M. EQUALS A GPS DERIVED NAVD88 (1991) ELEVATION OF 947.24 FEET.

BEARING DATUM

THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 14 NORTH, RANGE 30 EAST, W.M. EQUALS A GPS DERIVED BEARING OF SOUTH 89°39'47" EAST.

CONTROL POINT DATA

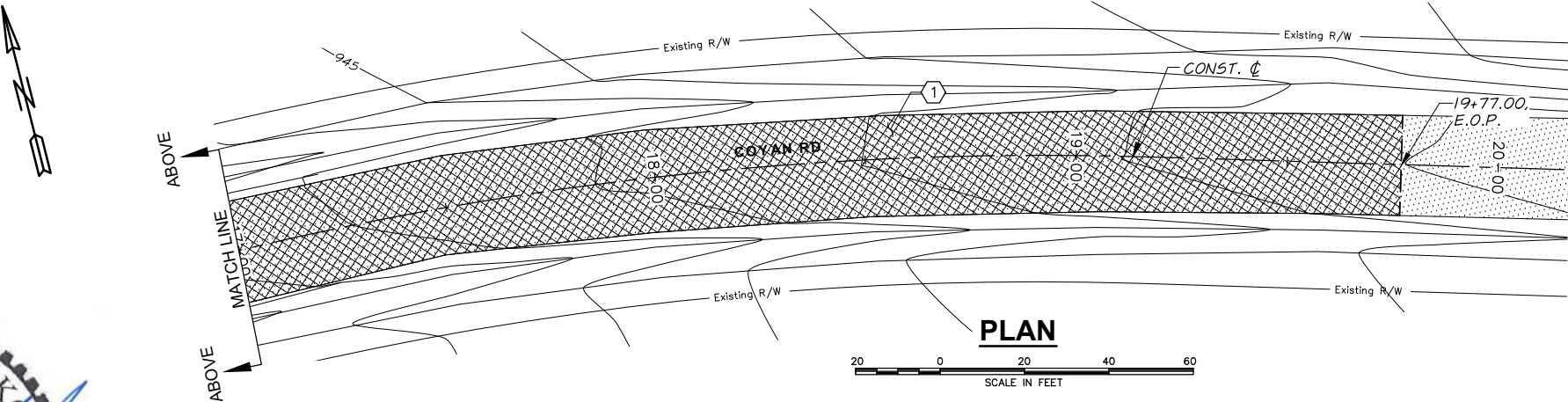
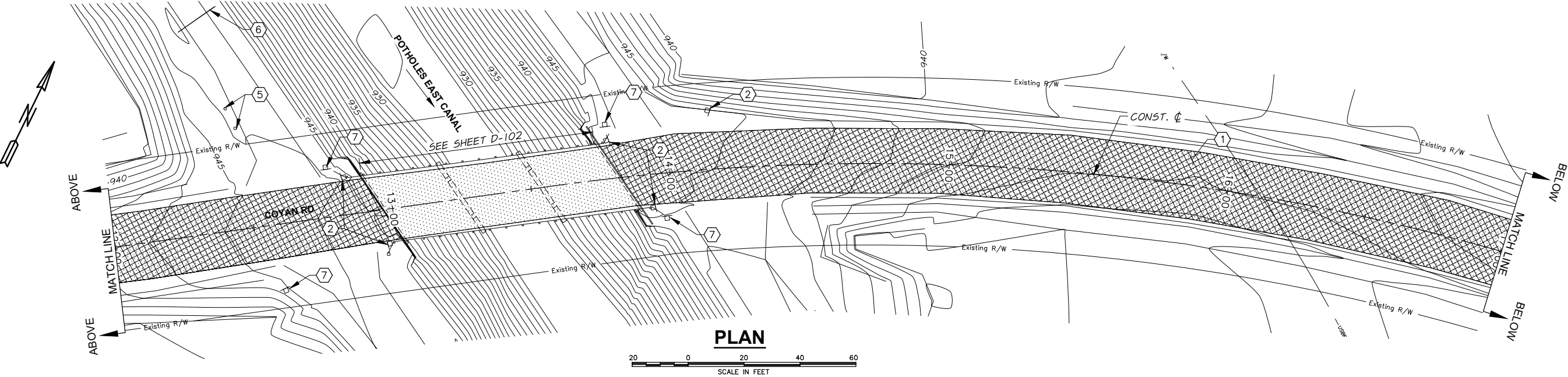
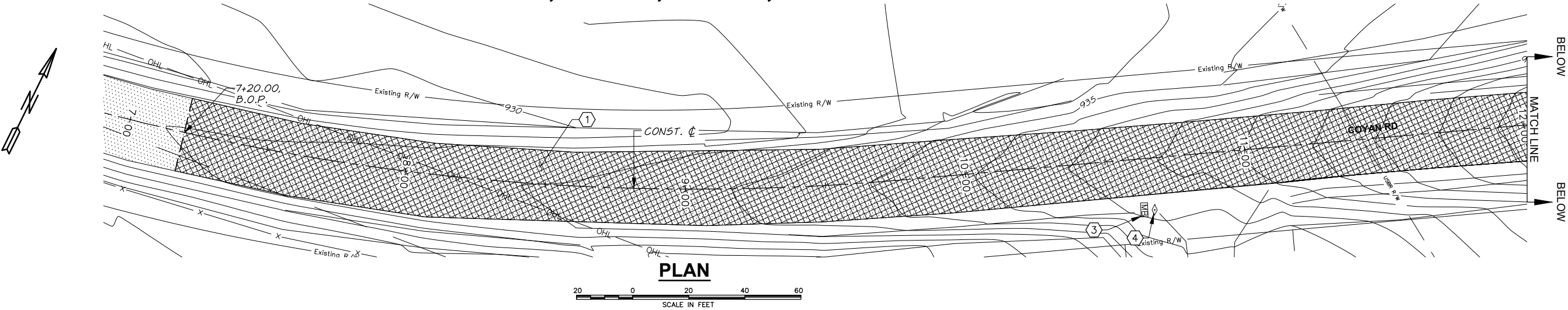
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	409959.80	1907070.68	929.79	SEC
102	409975.32	1904428.99	931.88	SEC
103	409942.57	1909701.30	960.66	SEC

NOTE:
THE CONTRACTOR SHALL PROTECT AND/OR REFERENCE CONTROL POINTS WITHIN AREAS TO BE DEMOLISHED.



									FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
									LEGEND & SURVEY		G-003
											3 OF 28

SEC. 3, T. 14N., R. 30E., W.M.



DEMOLITION NOTES

- 1 SAWCUT AND REMOVE EXISTING HMA/BST. APPROXIMATE THICKNESS 0.33'. EXISTING ROAD HMA/BST MAY BE INCORPORATED INTO THE SUBGRADE ABOVE THE 3' DEPTH SPECIFIED IN SECTION 2-02.3(3) PROVIDED IT IS GROUND/PULVERIZED.
- 2 REMOVE AND SALVAGE EXISTING SIGN AND DELIVER TO FRANKLIN COUNTY PUBLIC WORKS SHOP AT 105 W HAWTHORN STREET IN CONNELL.
- 3 TEMPORARILY RELOCATE EXISTING MAILBOX. COORDINATE LOCATION WITH POSTAL SERVICE AND PROPERTY OWNER.
- 4 REMOVE AND SALVAGE ADDRESS MARKER FOR REINSTALLATION.
- 5 REMOVE STEEL POST
- 6 REMOVE AND SALVAGE EXISTING STEEL GATE FOR REINSTALLATION.
- 7 REMOVE AND SALVAGE SIGN AND STEEL POST FOR REINSTALLATION.



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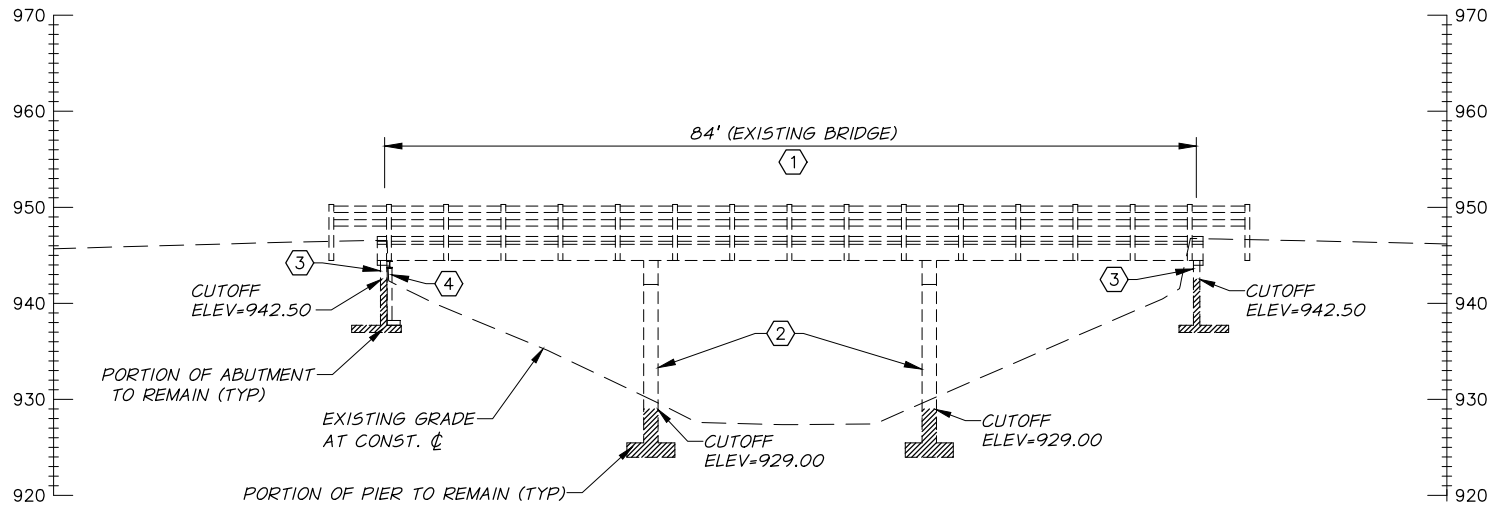
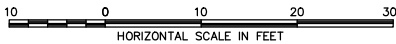
FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617
DEMOLITION PLAN

SHEET
D-101
4 OF 28

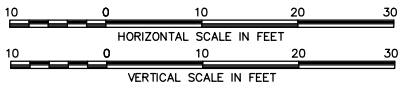
SEC. 3, T. 14N., R. 30E., W.M.



PLAN



PROFILE



DEMOLITION NOTES

- 1 REMOVE EXISTING BRIDGE SUPERSTRUCTURE. SEE SHEET NOTES.
- 2 SAWCUT AND REMOVE EXISTING CONCRETE PIERS TO CUTOFF ELEVATION SHOWN OR MUDLINE, WHICHEVER IS LOWER.
- 3 SAWCUT AND REMOVE EXISTING CONCRETE BRIDGE ABUTMENT TO ELEVATION SHOWN.
- 4 REMOVE TEMPORARY STEEL SUPPORT.

SHEET NOTES

1. DISMANTLE THE SUPERSTRUCTURE IN A WAY THAT PRESERVES THE TIMBER DECK STRINGERS AND OTHER SALVAGEABLE TIMBER AND STEEL COMPONENTS. AT THE ONSET OF DEMOLITION THE OWNERS REPRESENTATIVE WILL DETERMINE WHICH COMPONENTS ARE SALVAGEABLE. THE CONTRACTOR SHALL STRIP SALVAGED WOOD MATERIALS OF ALL SPIKES AND NAILS. SALVAGED COMPONENTS SHALL BE DELIVERED TO FRANKLIN COUNTY PUBLIC WORKS SHOP AT 105 W HAWTHORN STREET IN CONNELL. ALL OTHER MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR.
2. ALTHOUGH THE POTHOLES EAST CANAL WILL BE SHUTDOWN AND DRAINED AT THE TIME OF CONSTRUCTION, STANDING WATER AND MUD WILL BE PRESENT. PUMPING AND OR COFFERDAMS MAY BE REQUIRED TO COMPLETE THE WORK.
3. HEAVY EQUIPMENT MAY ACCESS THE CANAL BY WALKING DOWN THE EMBANKMENT. NO EXCAVATION OF THE EMBANKMENT WILL BE ALLOWED. ANY DAMAGE TO THE EXSITING EMBANKMENT CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE SOUTH COLUMBIA BASIN IRRIGATION DISTRICT.



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FRANKLIN COUNTY	SHEET
COYAN BRIDGE #200-9.93	
CRP 617	
BRIDGE DEMOLITION PLAN AND PROFILE	D-102
	5 OF 28

SEC. 3, T. 14N., R. 30E., W.M.

CURVE TABLE

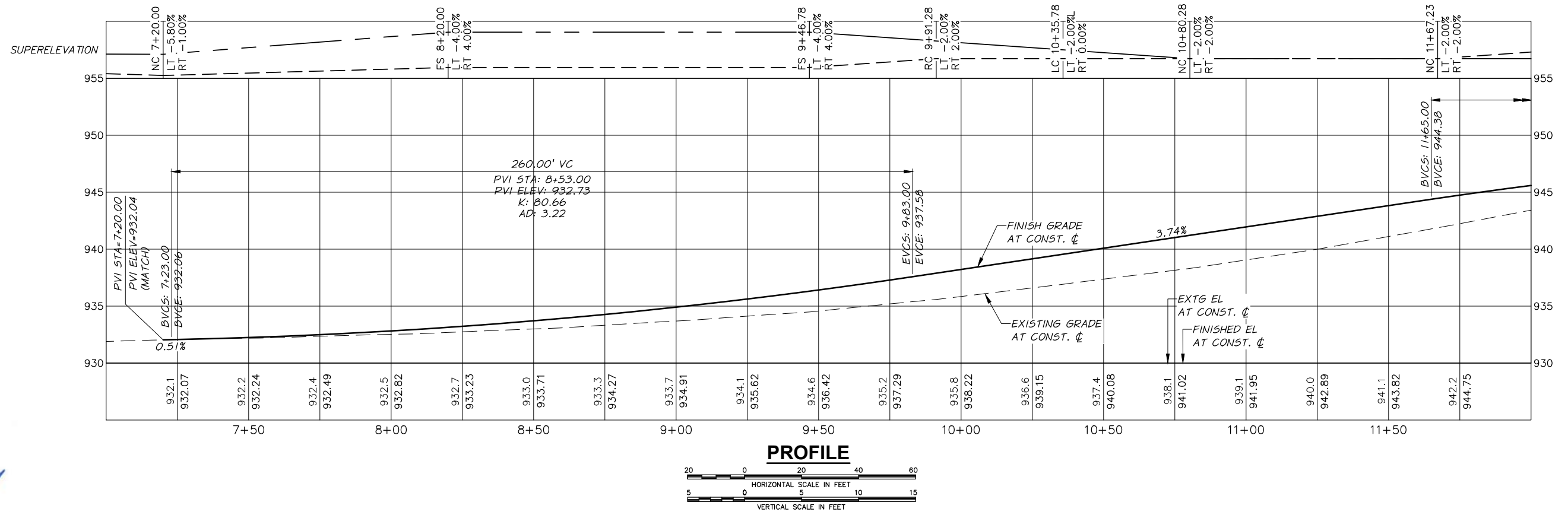
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	830.00'	374.71'	190.60'	25°52'00"


PLAN

HORIZONTAL SCALE IN FEET

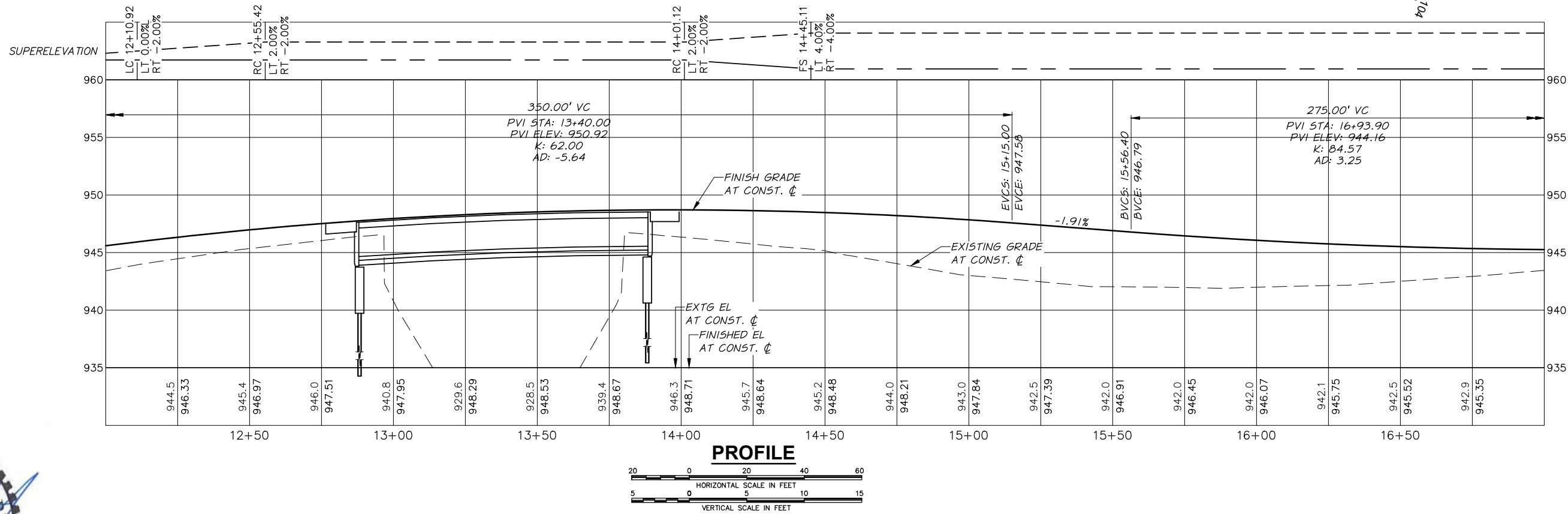
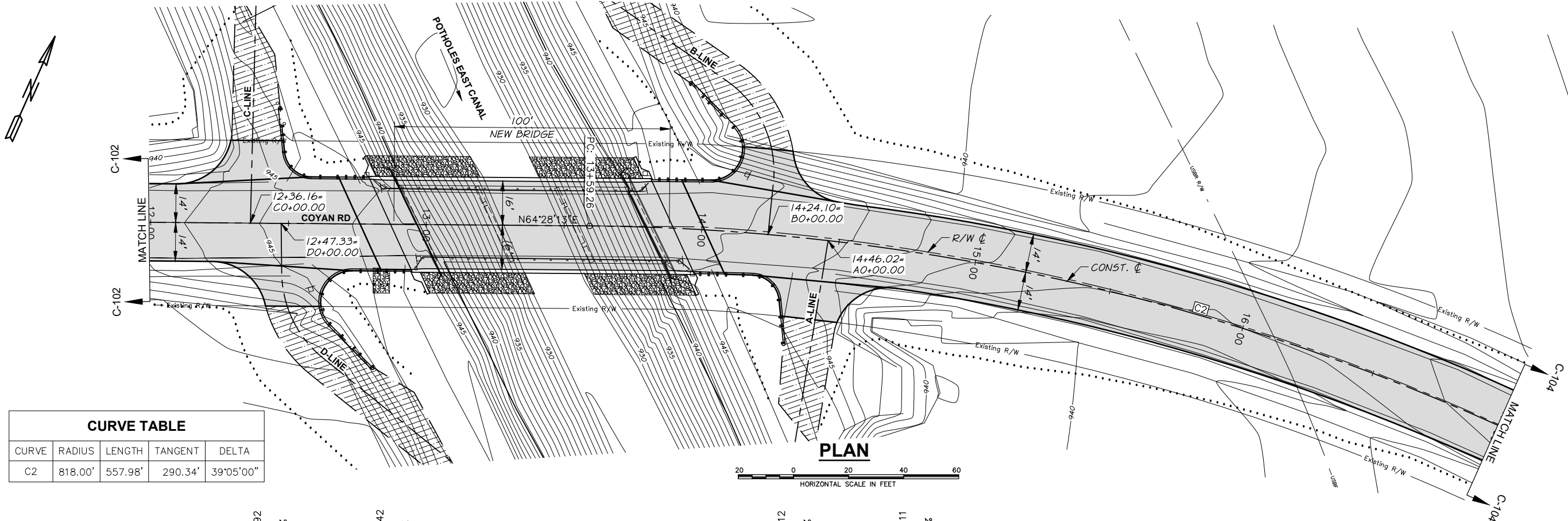
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CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	830.00'	374.71'	190.60'	25°52'00"



					 <p>anderson perry & associates, inc. engineering • surveying • natural resources</p>	<p align="center">RAP - #1118-02 FED AID NO: BROS-2011(049)</p>	<p align="center">FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617</p>	<p align="center">C-102</p>
REVISION		BY	DATE					
DESIGNED BY E. ZITTERKOPF				JOB NUMBER 6085-66	DATE August 14, 2020	<p align="center">RAP - #1118-02 FED AID NO: BROS-2011(049)</p>	<p align="center">FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617</p>	<p align="center">C-102</p>
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							<p align="center">ROADWAY PLAN AND PROFILE</p>	6 OF 28

SEC. 3, T. 14N., R. 30E., W.M.



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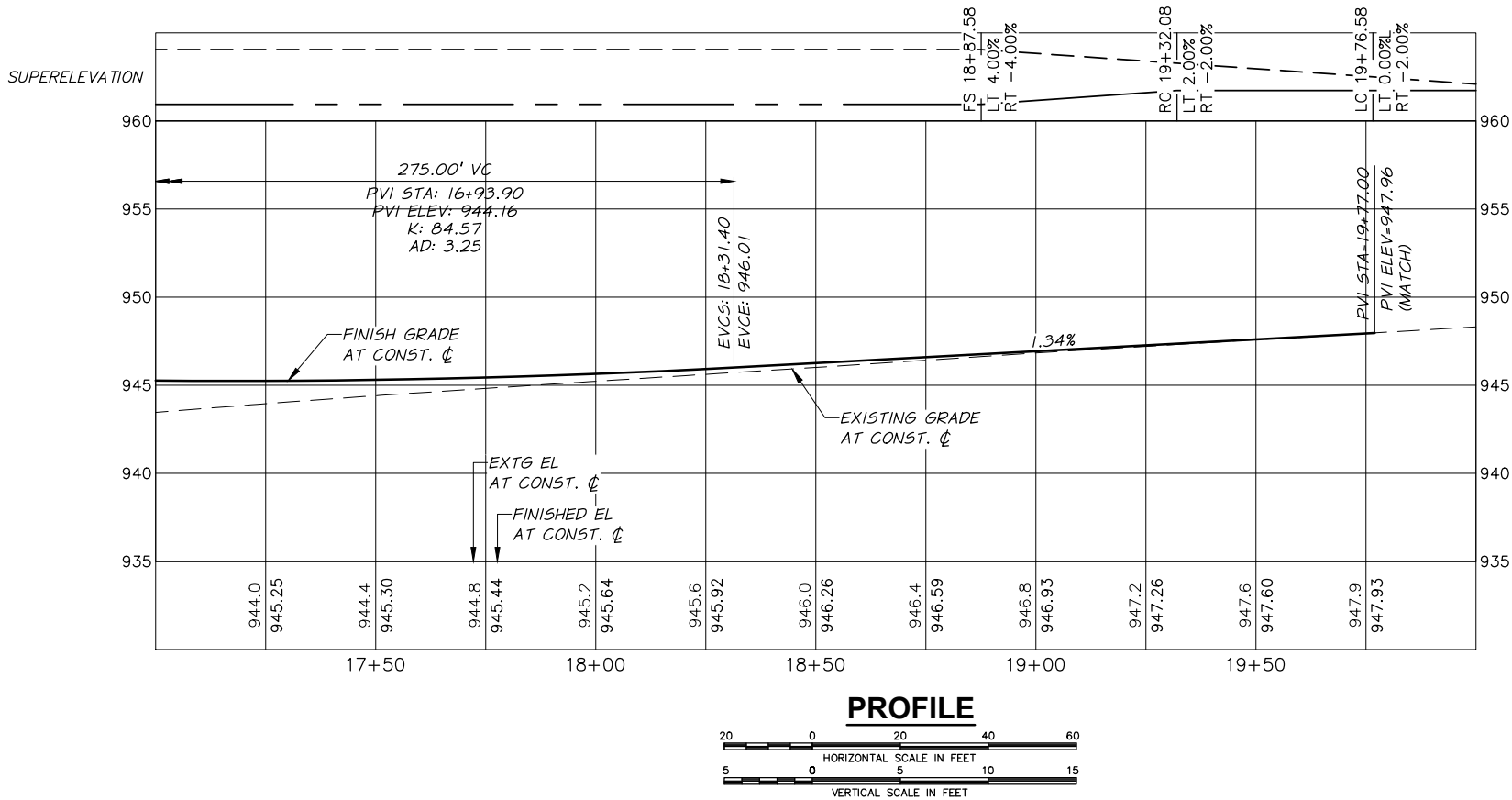
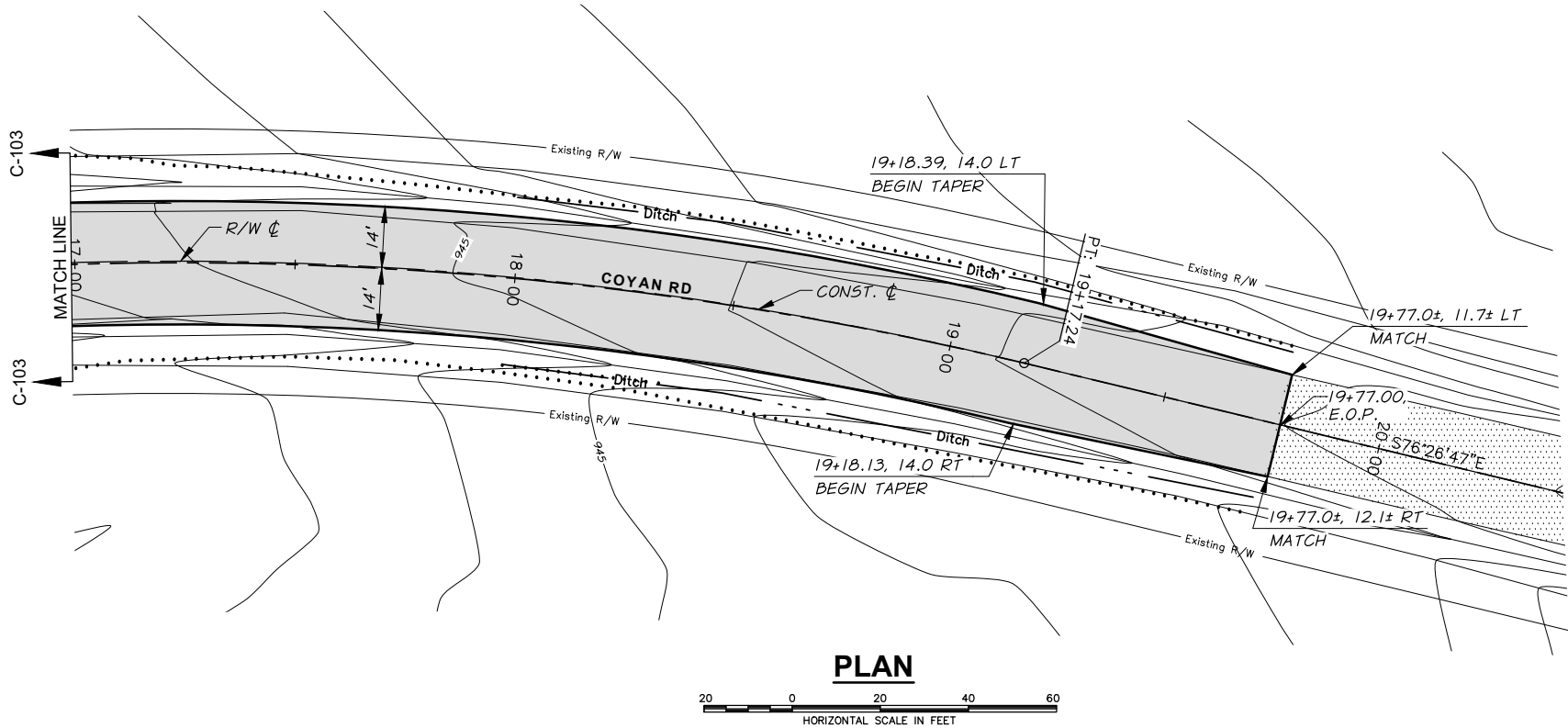
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FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617
ROADWAY PLAN AND PROFILE

SHEET
C-103
7 OF 28

SEC. 3, T. 14N., R. 30E., W.M.



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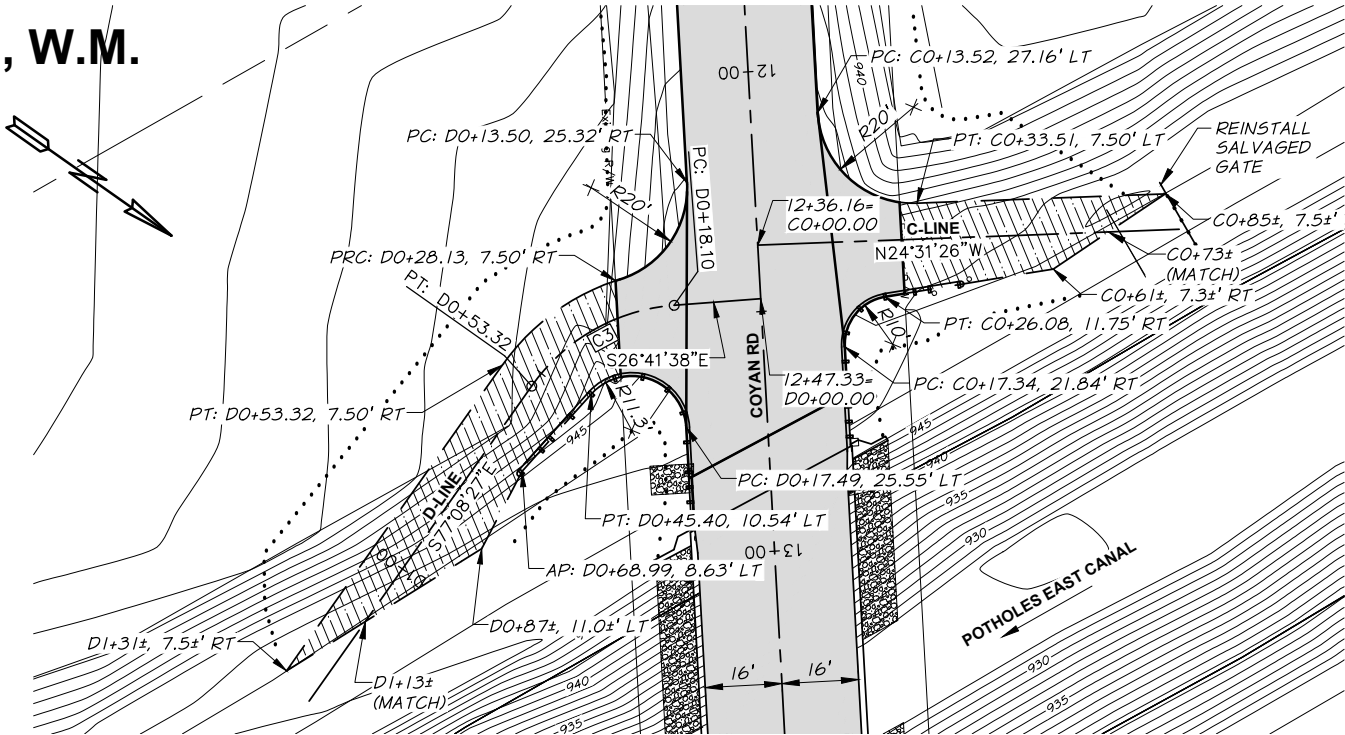
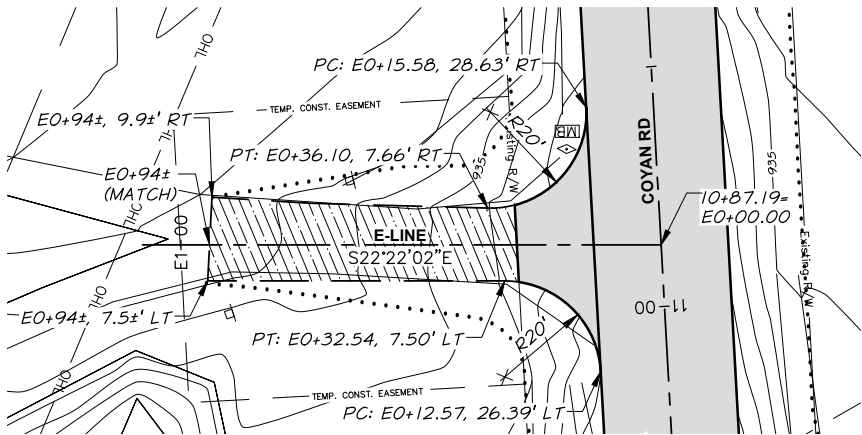
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FED AID NO: BROS-2011(049)



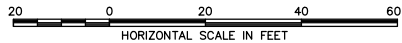
FRANKLIN COUNTY	
COYAN BRIDGE #200-9.93	
CRP 617	
ROADWAY PLAN AND PROFILE	

SHEET
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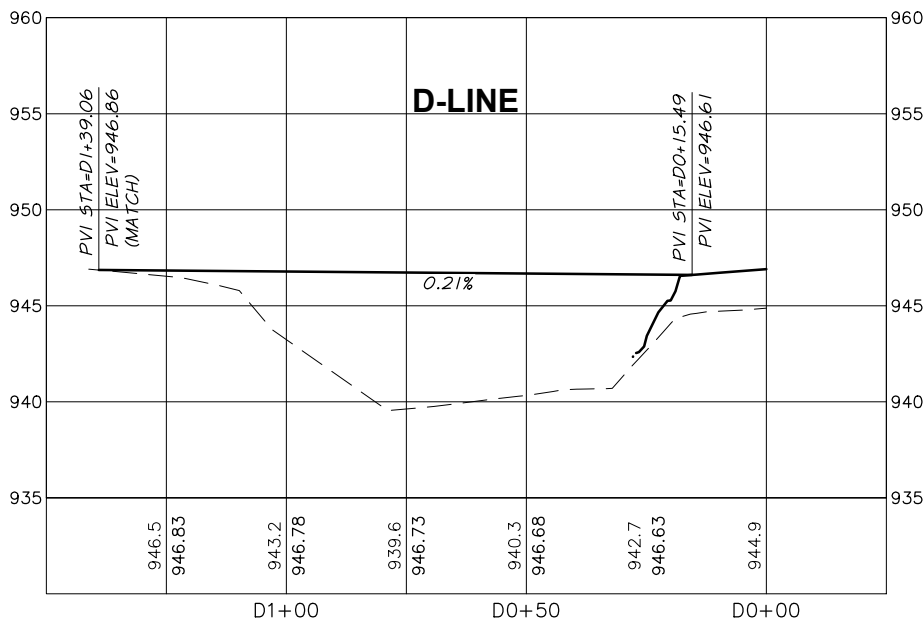
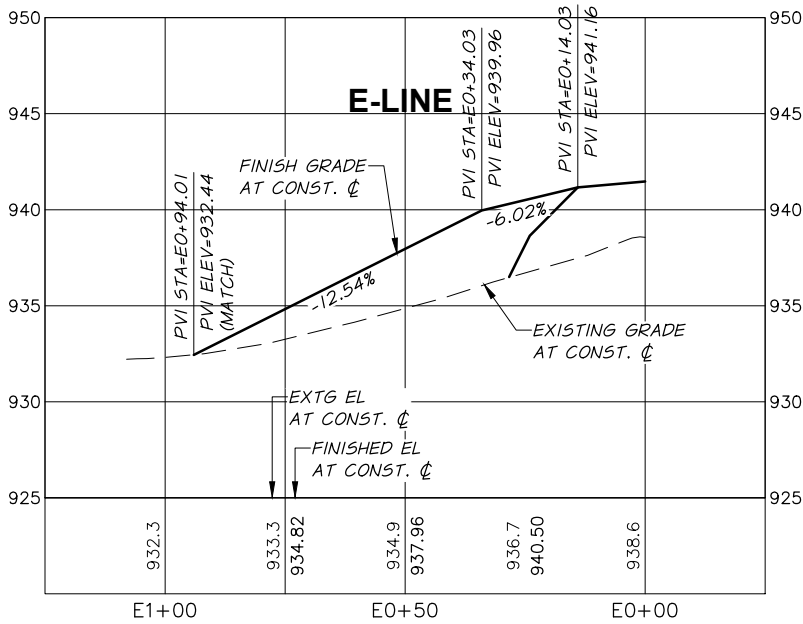
SEC. 3, T. 14N., R. 30E., W.M.



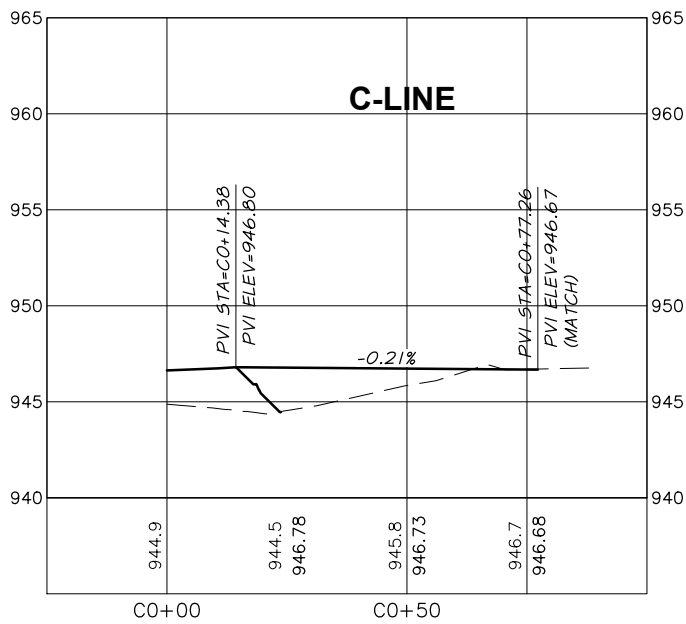
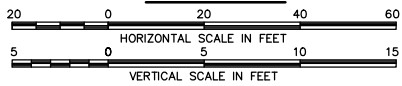
PLAN



CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C3	40.00'	35.22'	18.84'	50°26'49"



PROFILE



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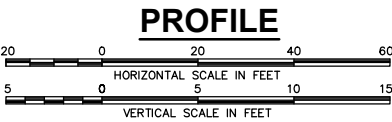
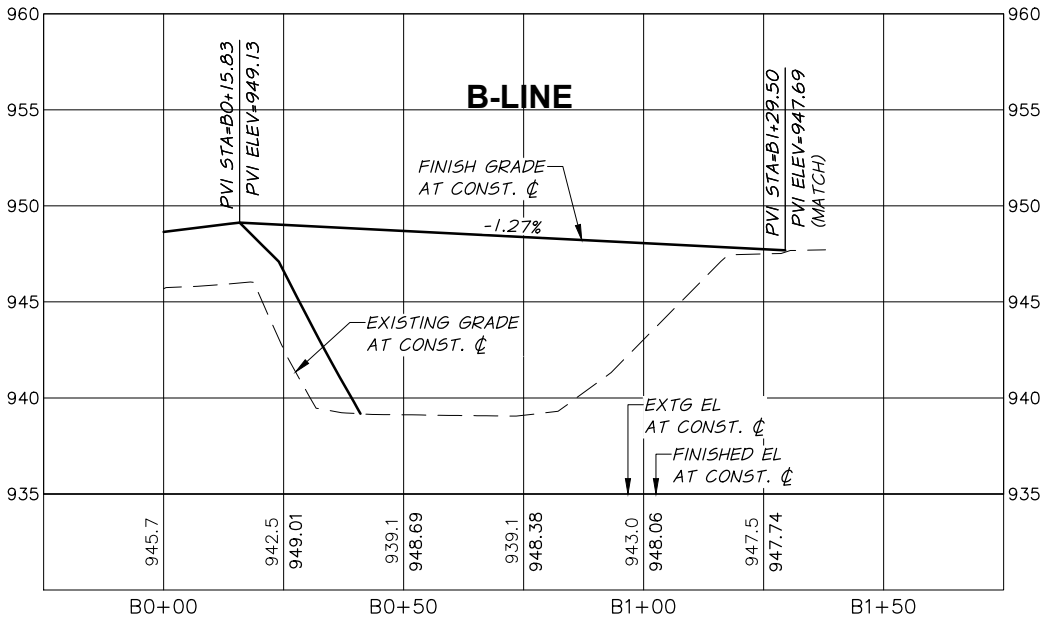
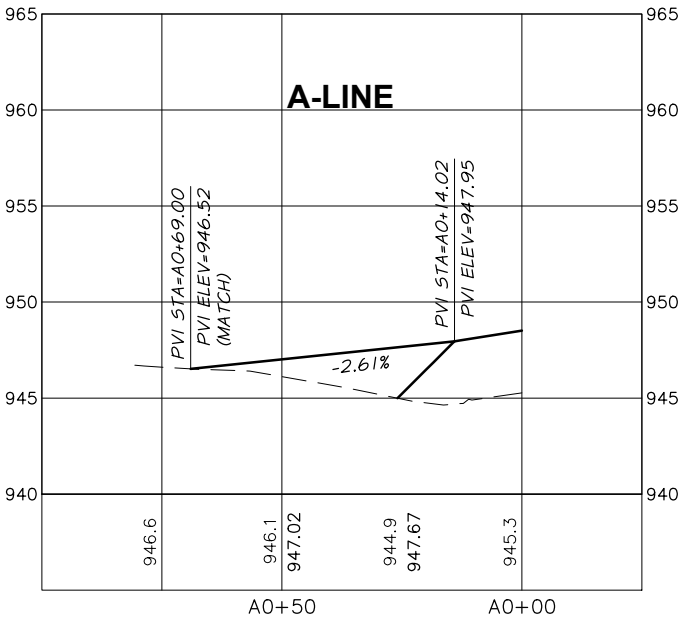
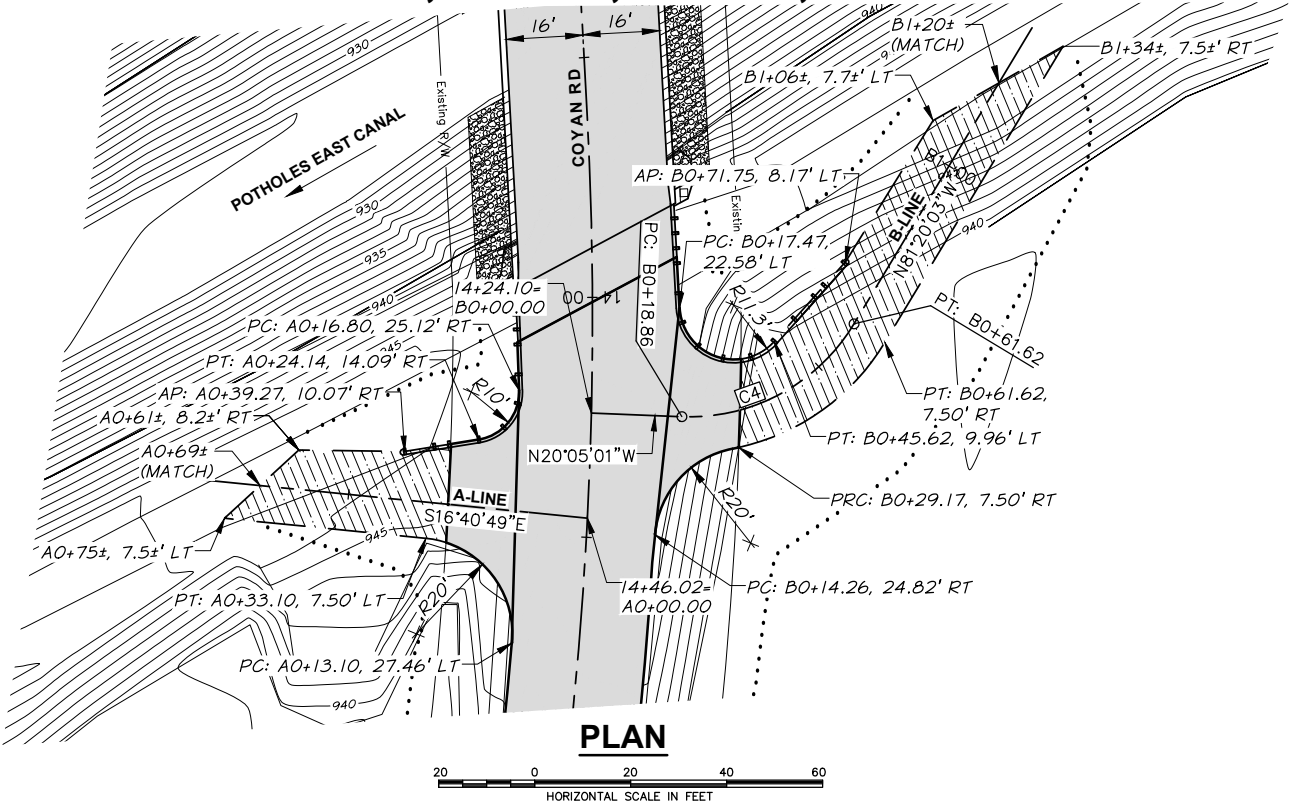


FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617	SHEET
APPROACH ROAD PLAN AND PROFILE	C-105
	9 OF 28

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SEC. 3, T. 14N., R. 30E., W.M.

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C4	40.00'	42.76'	23.68'	61°15'03"



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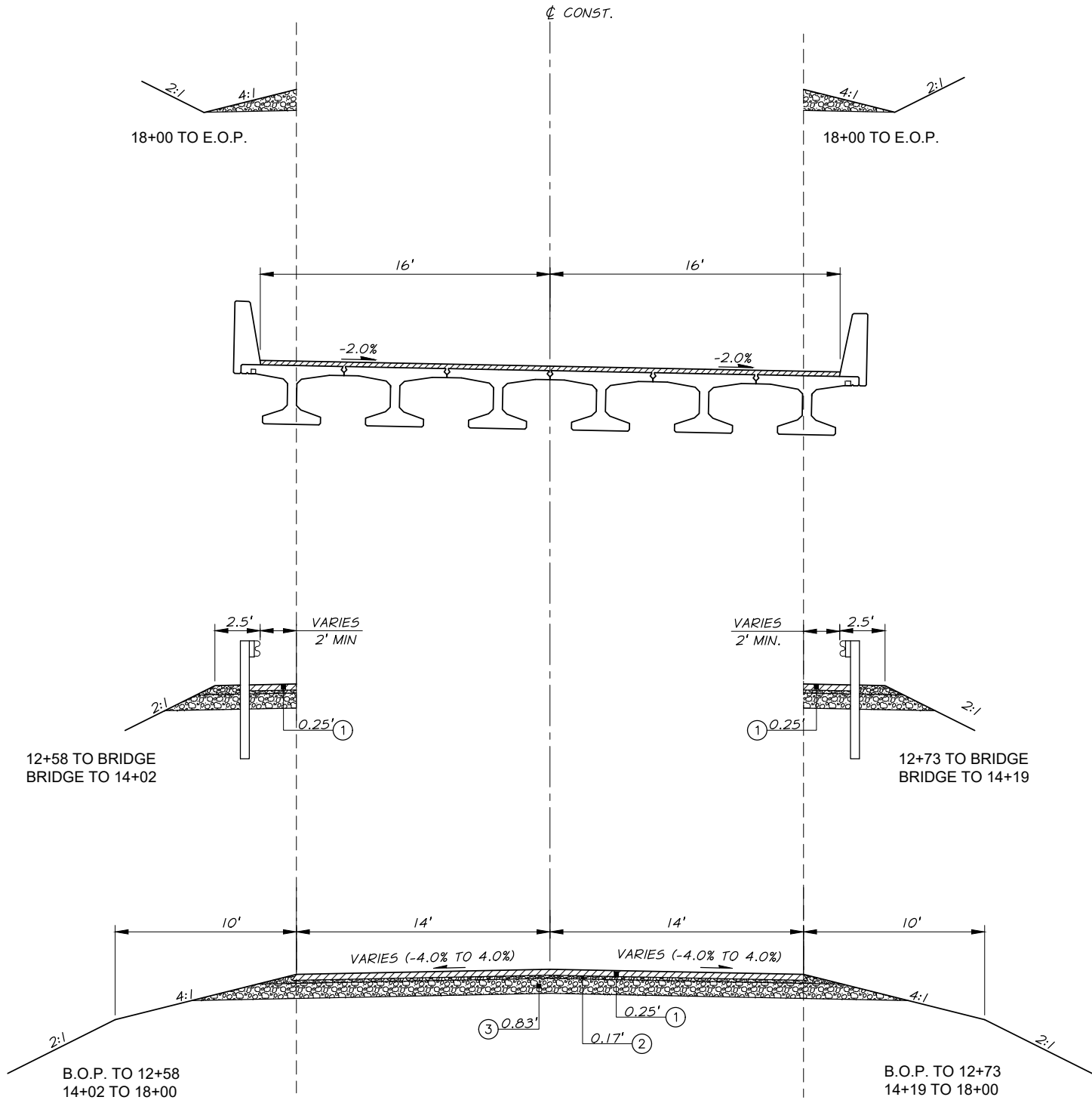
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FED AID NO: BROS-2011(049)



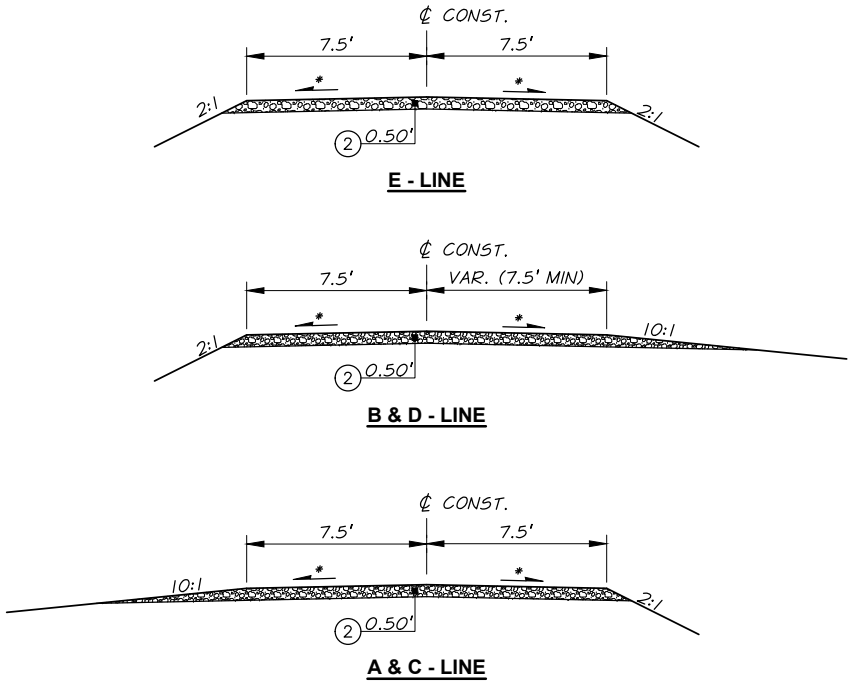
FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617
APPROACH ROAD PLAN AND PROFILE

SHEET
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TYPICAL ROAD SECTION
NTS



* GRADE TO DRAIN. MAX SLOPE 4%.

TYPICAL APPROACH ROAD SECTION
NTS

LEGEND

- ① HMA CL. 3/8-INCH PG 645-28
- ② CRUSHED SURFACING TOP COURSE
- ③ CRUSHED SURFACING BASE COURSE

SHEET NOTES

1. SEE PLAN SHEETS FOR TRANSITION AREAS AND SUPERELEVATION.



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FED AID NO: BROS-2011(049)



FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

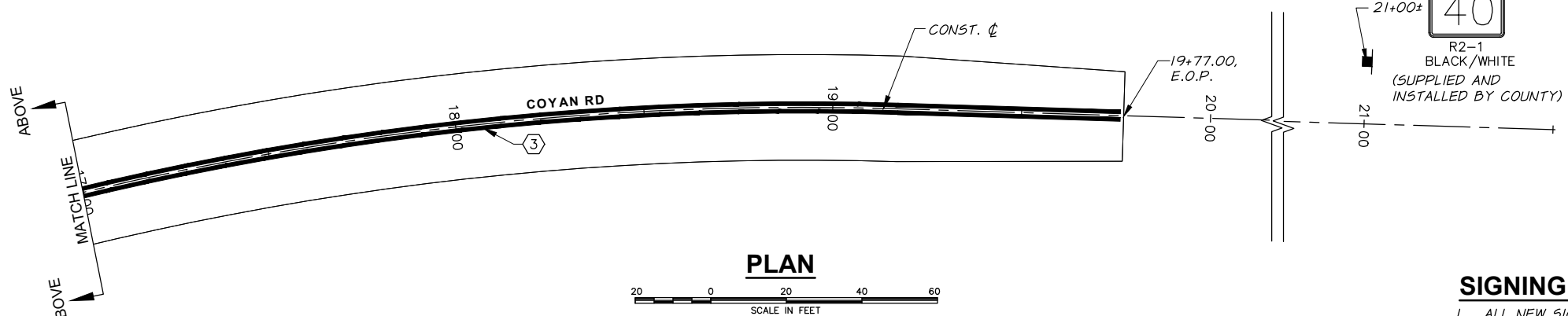
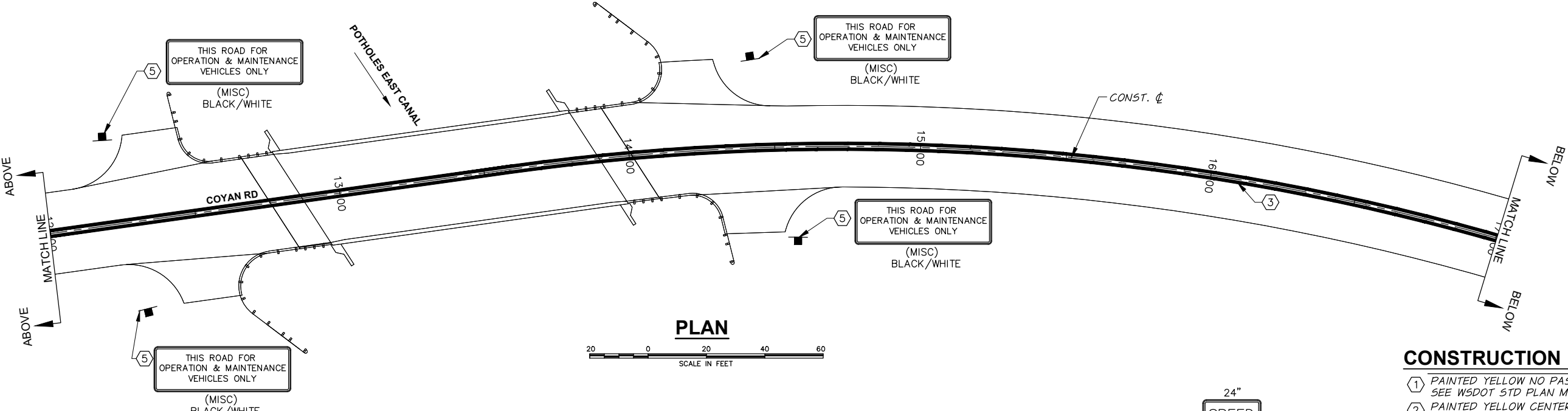
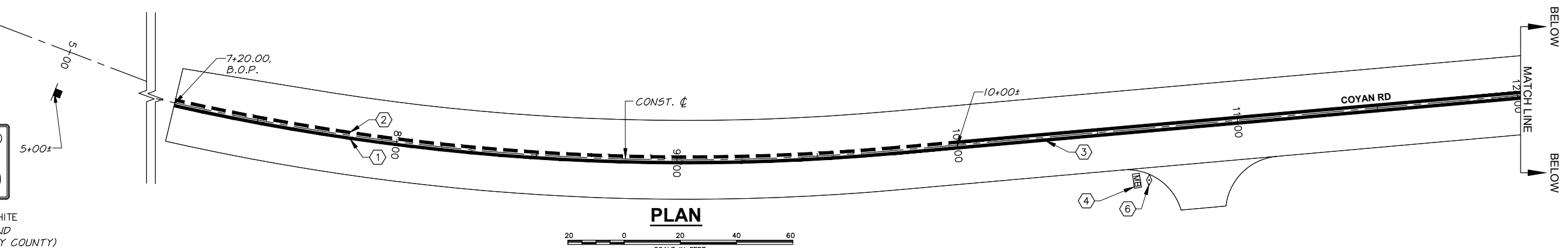
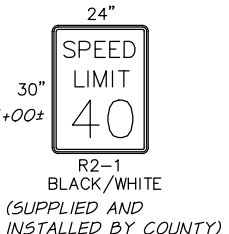
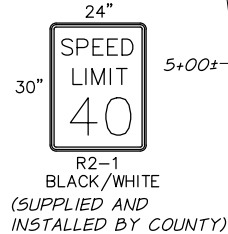
TYPICAL ROAD SECTIONS

SHEET

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CONSTRUCTION NOTES

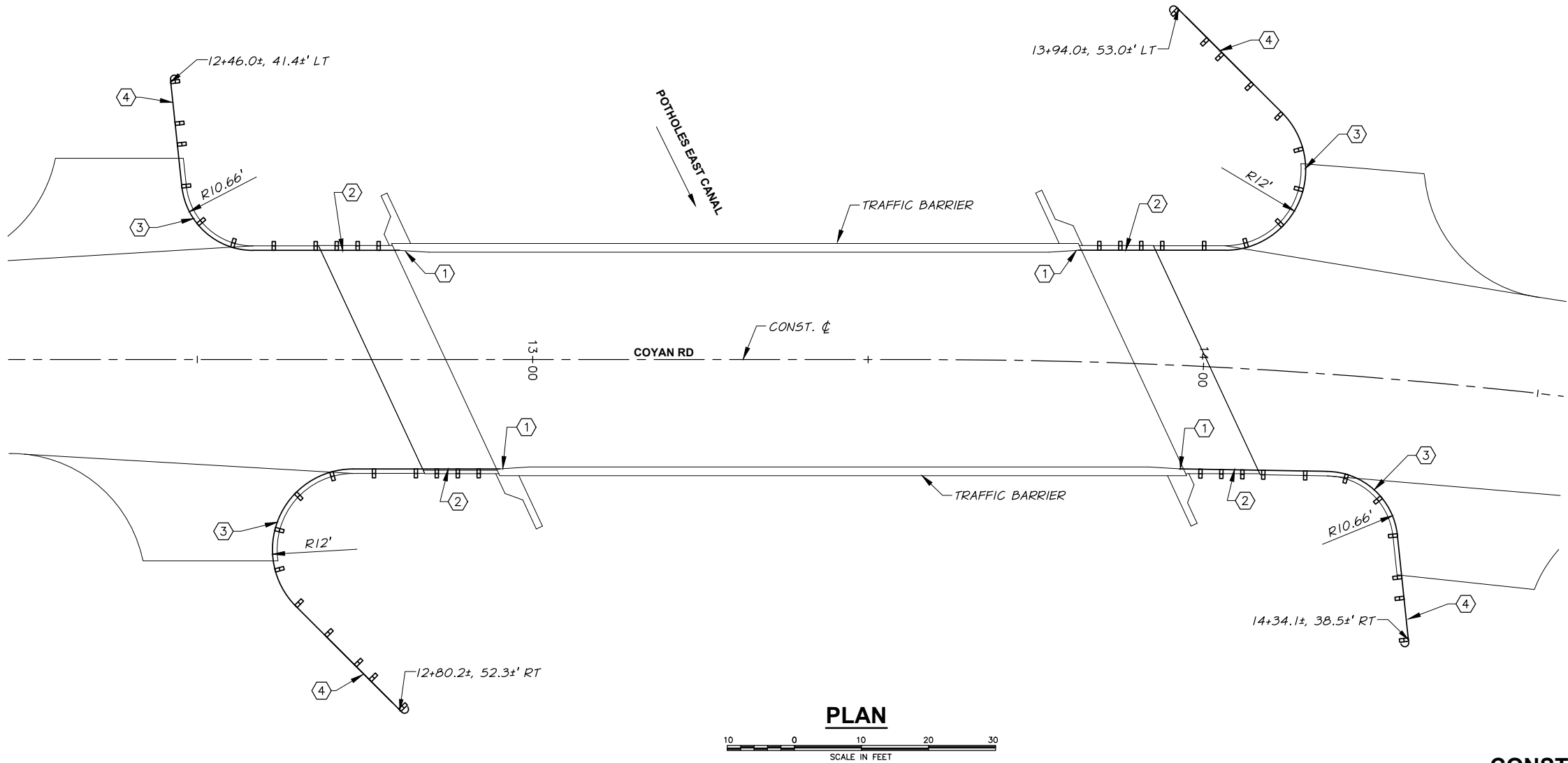
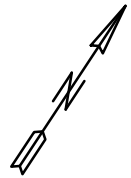
- 1 PAINTED YELLOW NO PASS LINE, SEE WSDOT STD PLAN M-20.10-02
- 2 PAINTED YELLOW CENTERLINE SKIP STRIPE, SEE WSDOT STD PLAN M-20.10-02
- 3 PAINTED DOUBLE YELLOW NO PASS LINE, SEE WSDOT STD PLAN M-20.10-02
- 4 MAILBOX SUPPORT TYPE I, SEE WSDOT STD PLAN H-70.10-01
- 5 REINSTALL SALVAGED SIGN AND POST
- 6 REINSTALL SALVAGED ADDRESS MARKER POST

SIGNING AND STRIPING GENERAL NOTES

1. ALL NEW SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD.
2. NEW SIGNS SHALL BE INSTALLED ON WOOD POSTS. SEE WSDOT STD PLAN 6-22.10-04.

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									W-101 12 OF 28
REVISION			BY		DATE				
DESIGNED BY E.ZITTERKOPF						JOB NUMBER	6085-66	DATE	August 14, 2020
DRAWN BY E.ZITTERKOPF						ACAD FILE:	6085-66-060W-101.DWG		
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CONSTRUCTION NOTES

- 1. END SECTION DESIGN F, SEE WSDOT STD PLAN C-24.10-01
- 2. BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 24, SEE WSDOT STD PLAN C-25.30-00
- 3. STRONG POST RADIUS GUARDRAIL, SEE WSDOT STD PLAN C-20.42-05
- 4. BEAM GUARDRAIL ANCHOR TYPE 10 (W-BEAM), SEE WSDOT STD PLAN C-23.60-04

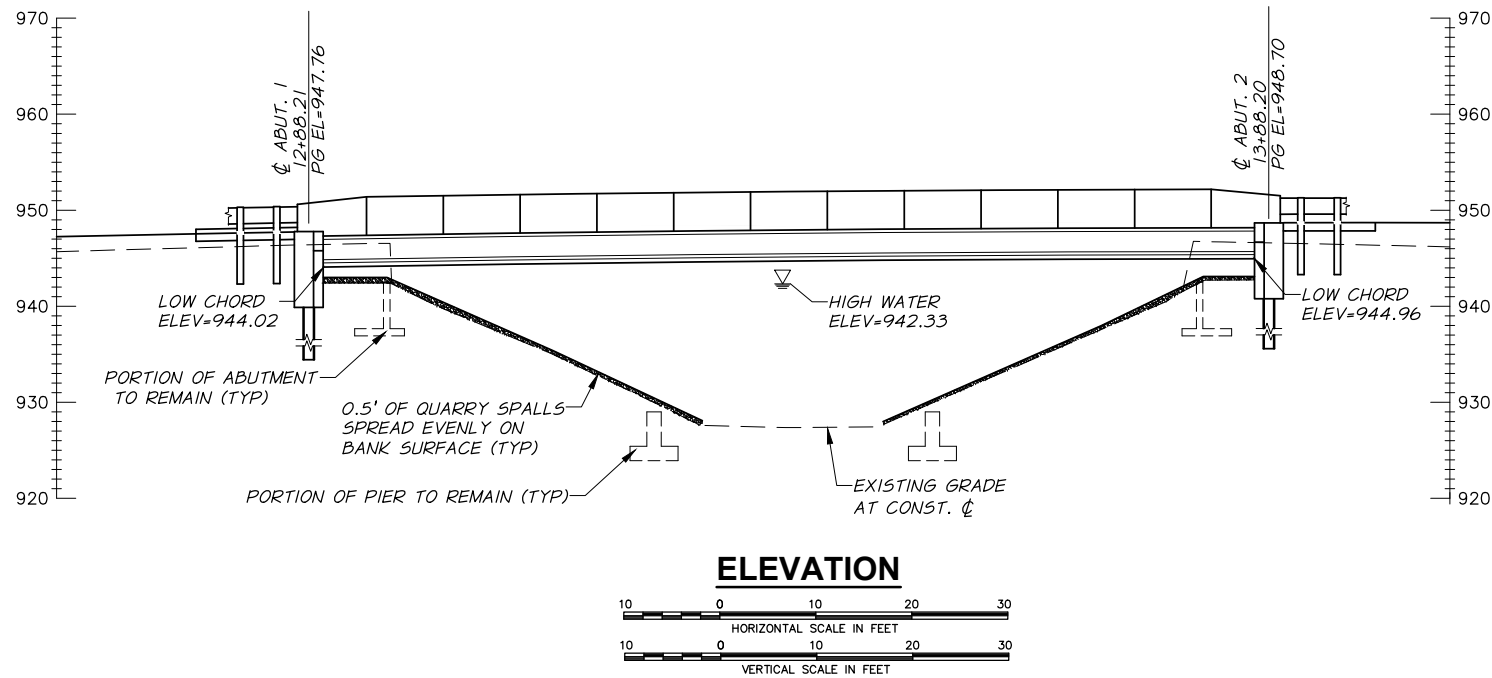
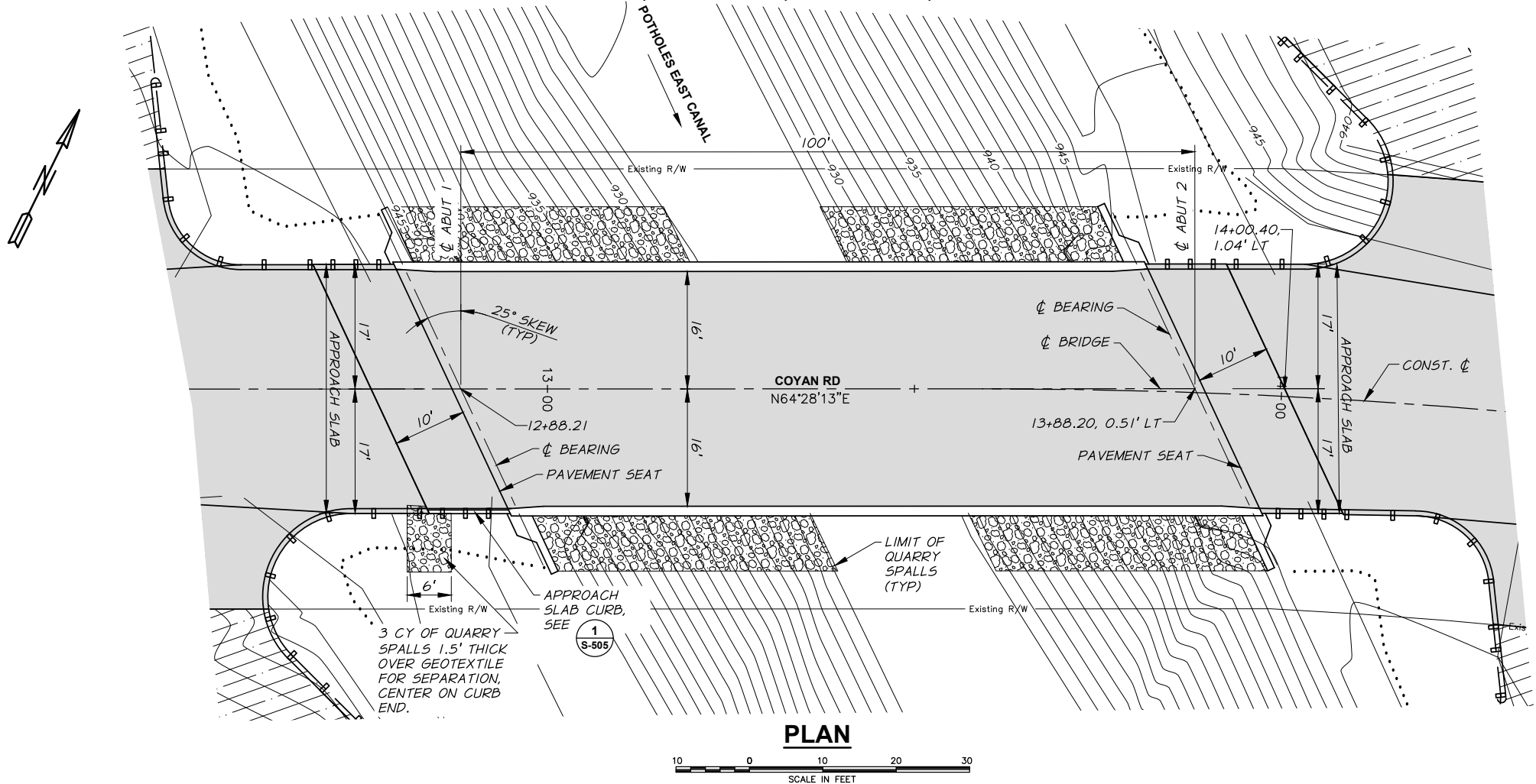
GUARDRAIL GENERAL NOTES

- 1. STATION AND OFFSET SHOWN ARE APPROXIMATE.
- 2. ALL GUARDRAIL COMPONENTS SHALL BE NEW AND CONSTRUCTED IN ACCORDANCE WITH WSDOT STD PLANS.



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SEC. 3, T. 14N., R. 30E., W.M.



BRIDGE GENERAL NOTES

ALL MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.

DESIGN SPECIFICATIONS: THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD AND RESISTANCE FACTOR DESIGN IN THE "AASHTO LRFD DESIGN SPECIFICATIONS", 8TH EDITION., AND THE WSDOT BRIDGE DESIGN MANUAL LRFD.

MATERIAL:
APPROACH SLAB CONCRETE: CLASS 4000A
GENERAL CONCRETE: CLASS 4000
GIRDER CONCRETE: SEE GIRDER DETAILS
REINFORCING STEEL: ASTM A706, GRADE 60
PRESTRESSING STEEL: SEE GIRDER DETAILS

FINISHING:
ALL EXPOSED CAST-IN-PLACE SURFACES ABOVE THE FINISHED GRADE TO RECEIVE A CLASS 1 FINISH. OF THE GIRDERS, ONLY THE EXTERIOR FACE OF THE EXTERIOR GIRDERS ARE REQUIRED TO RECEIVE A CLASS 1 FINISH.

ALL EXPOSED EDGES OF CAST-IN-PLACE CONCRETE SHALL BE CHAMFERED WITH A 1" (DIAGONAL LENGTH) CHAMFER.

OTHER:
UNLESS OTHERWISE SHOWN ON THE PLANS, CONCRETE COVER FROM THE FACE OF CONCRETE TO REINFORCING BARS SHALL BE 2" (3" FOR CONCRETE CAST AGAINST SOIL).

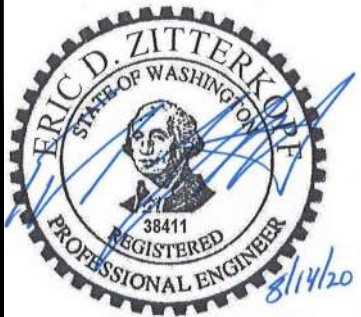
UNLESS OTHERWISE SHOWN, THE MINIMUM REINFORCING BAR SPLICE LENGTH SHALL BE 2'-0".


LOADING

LIVE LOAD: HL93

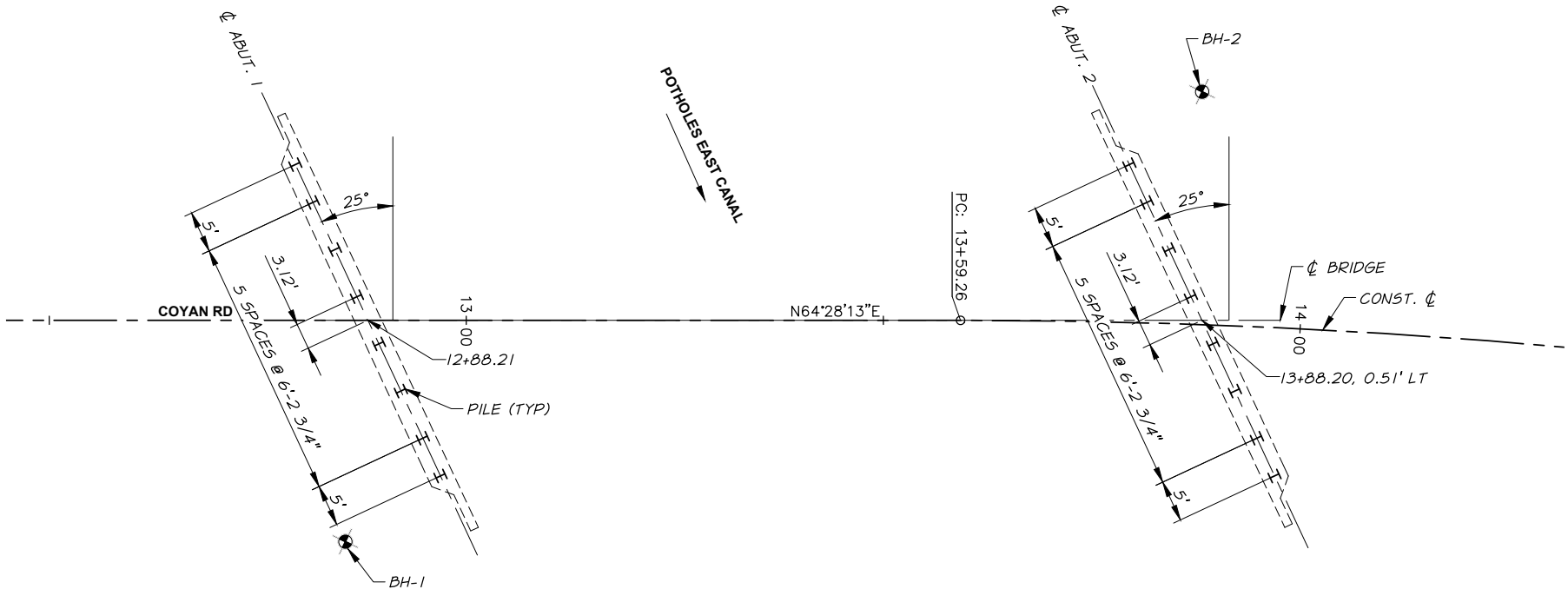
SUPERIMPOSED DEAD LOADS:
BRIDGE BARRIER - 690 LBS/FT
HMA OVERLAY- 35 LBS/FT2

SUPPLEMENTAL ABBREVIATIONS:
PG - PROFILE GRADE
TYP - TYPICAL
BRG - BEARING
EW - EACH WAY
FF - FAR FACE
OC - ON CENTER
CG - CENTER OF GRAVITY
ABUT - ABUTMENT
BK - BACK
EF - EACH FACE
NF - NEAR FACE
CLR - CLEAR
BOT - BOTTOM
ES - EQUALLY SPACED

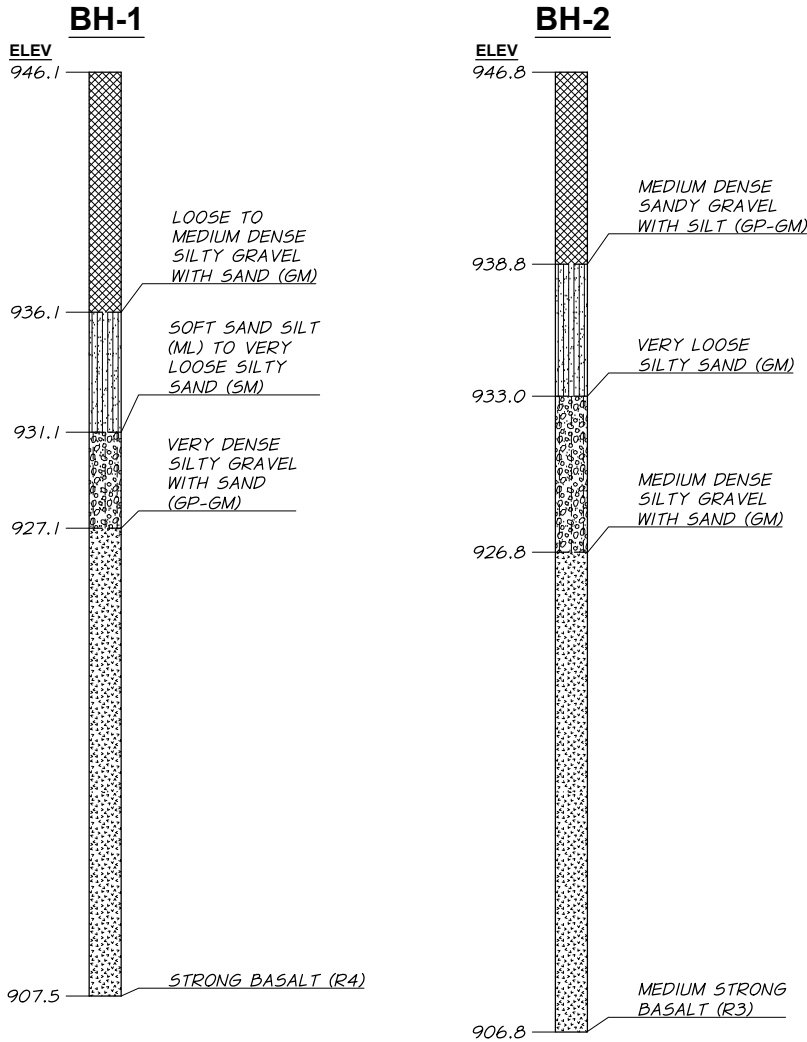


					 engineering • surveying • natural resources	FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
								S-101
						BRIDGE LAYOUT		
DESIGNED BY E.ZITTERKOPF				JOB NUMBER 6085-66		DATE August 14, 2020		
DRAWN BY E.ZITTERKOPF				ACAD FILE: 6085-66-060S-101.DWG				
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								14 OF 28

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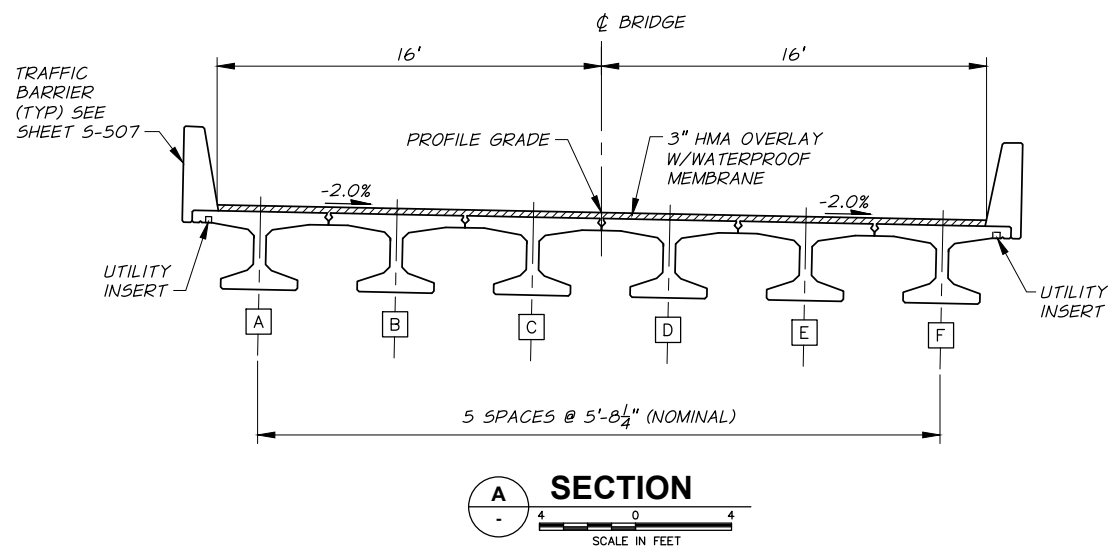
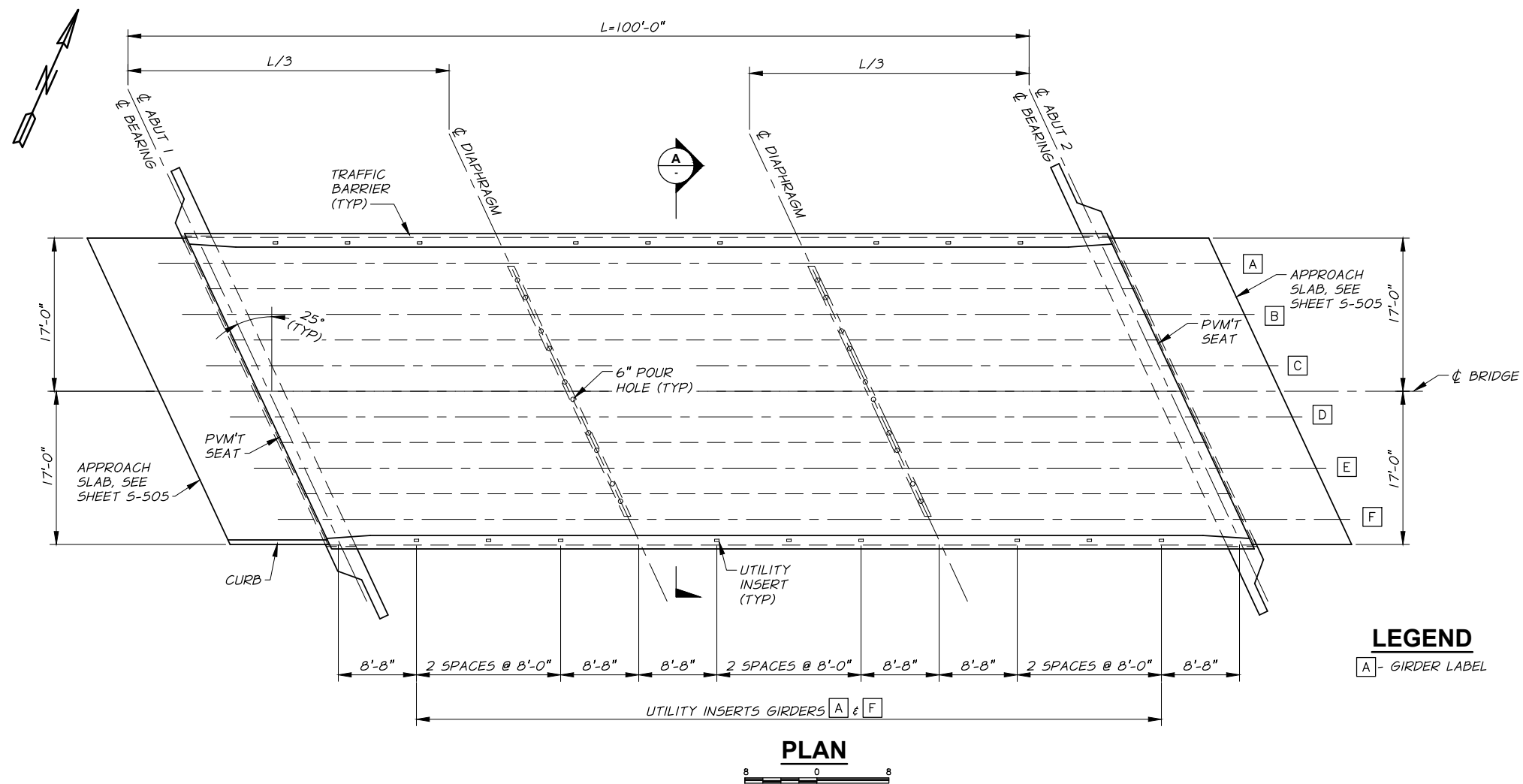
PILE DRIVING DATA*			
ABUTMENT	NOMINAL BEARING RESISTANCE (KIPS)**	MIN TIP ELEVATION	ESTIMATED TIP ELEVATION
1	142	927	926
2	142	927	926
*ALL PILING SHALL BE HP14X89 MEETING THE MATERIAL REQUIREMENTS OF ASTM A572 OR ASTM A992 GR. 50. WITH REINFORCED PILE TIPS.			
**ALL PILING SHALL BE DRIVEN TO REFUSAL A MINIMUM OF 1 FOOT INTO THE WEATHERED BASALT. DRIVING HAMMER SHALL BE SIZED TO REACH THE FULL STRUCTURAL CAPACITY OF THE SPECIFIED PILE.			




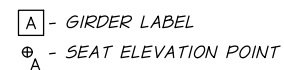
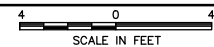
- NOTES:
- ELEVATIONS AND BOREHOLE LOCATIONS ARE APPROXIMATE.
 - SEE PROJECT FOUNDATION REPORT FOR ADDITIONAL DETAILS.

BORING DATA
NTS

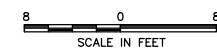
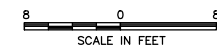
					 <p>anderson perry & associates, inc. engineering • surveying • natural resources</p>	FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
								S-102
REVISION		BY	DATE					PILE LAYOUT
DESIGNED BY E.ZITTERKOPF				JOB NUMBER 6085-66	DATE August 14, 2020			
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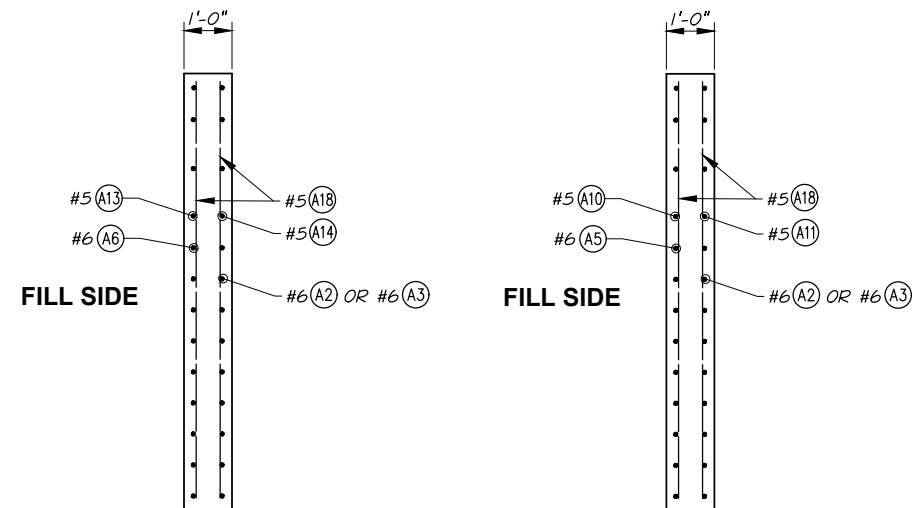
					 engineering • surveying • natural resources	FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617	SHEET	
							S-103	
REVISION		BY	DATE					BRIDGE FRAMING PLAN
DESIGNED BY E. ZITTERKOPF				JOB NUMBER 6085-66		DATE August 14, 2020		
DRAWN BY E. ZITTERKOPF				ACAD FILE: 6085-66-060S-103.DWG				
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				RAP - #1118-02 FED AID NO: BROS-2011(049)				



4 0 4
SCALE IN FEET



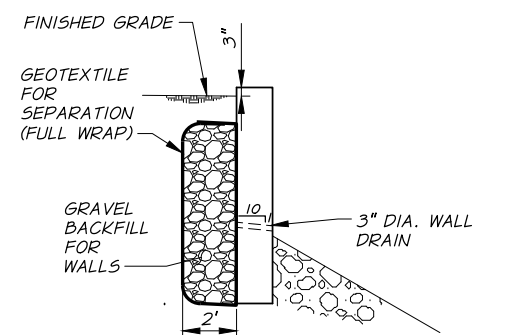
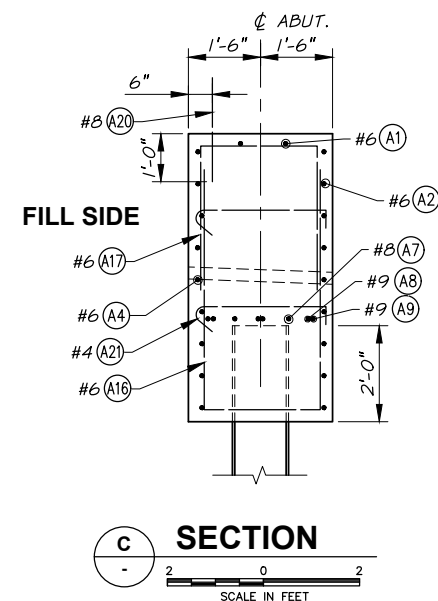
POINT	ELEVATION
G1	945.35
G	945.29
H	945.18
I	945.07
J	944.96
K	944.86
L	944.75
L1	944.69



SECTION

2 0 2

SCALE IN FEET



- NOTES:
1. CLEAN GRAVEL BACKFILL FOR WALLS TO EXTEND TO TOP OF WALL / ABUTMENT BENEATH ROAD BED AND TO WITHIN 1'-6" OF THE FINISHED GRADE AT OTHER LOCATIONS.
 2. ADJUST WALL DRAIN AS NEEDED TO AVOID REINFORCEMENT.

1 **DETAIL - ABUT / WALL BACKFILL**
VAR NTS



REVISION		BY	DATE	
DESIGNED BY E.ZITTERKOPF				JOB NUMBER 6085-66 DATE August 14, 2020
DRAWN BY E.ZITTERKOPF				ACAD FILE: 6085-66-060S-301-302.DWG
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RAP - #1118-02
FED AID NO: BROS-2011(049)



FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

ABUTMENT SECTIONS AND DETAILS

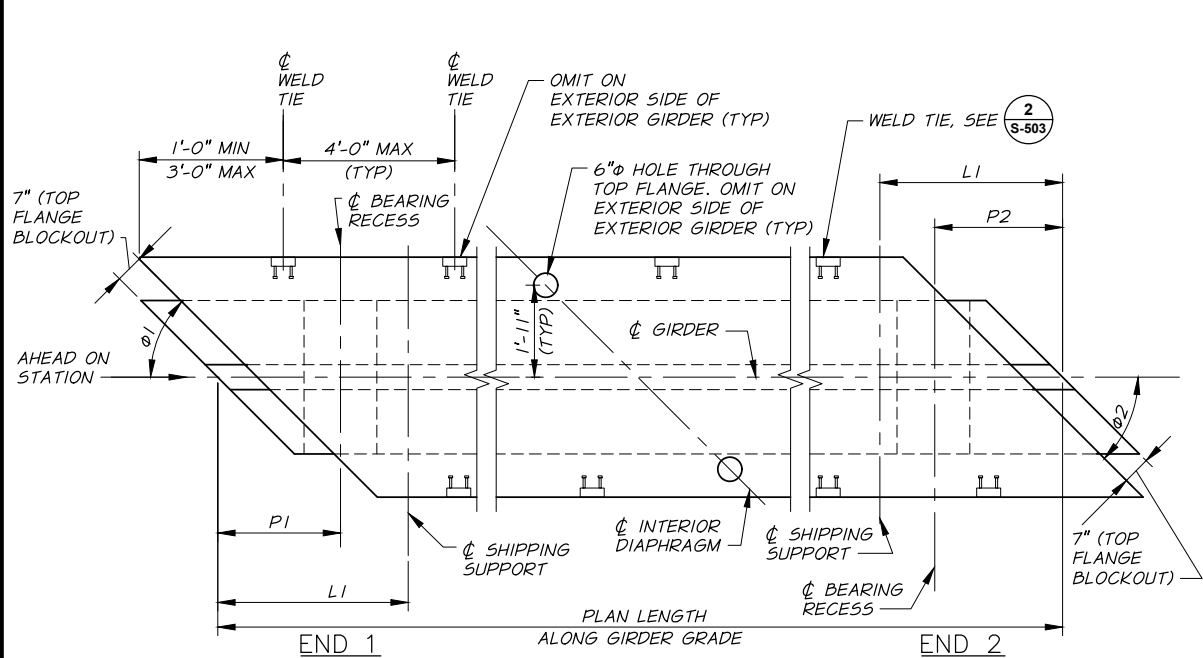
SHEET

S-302 |

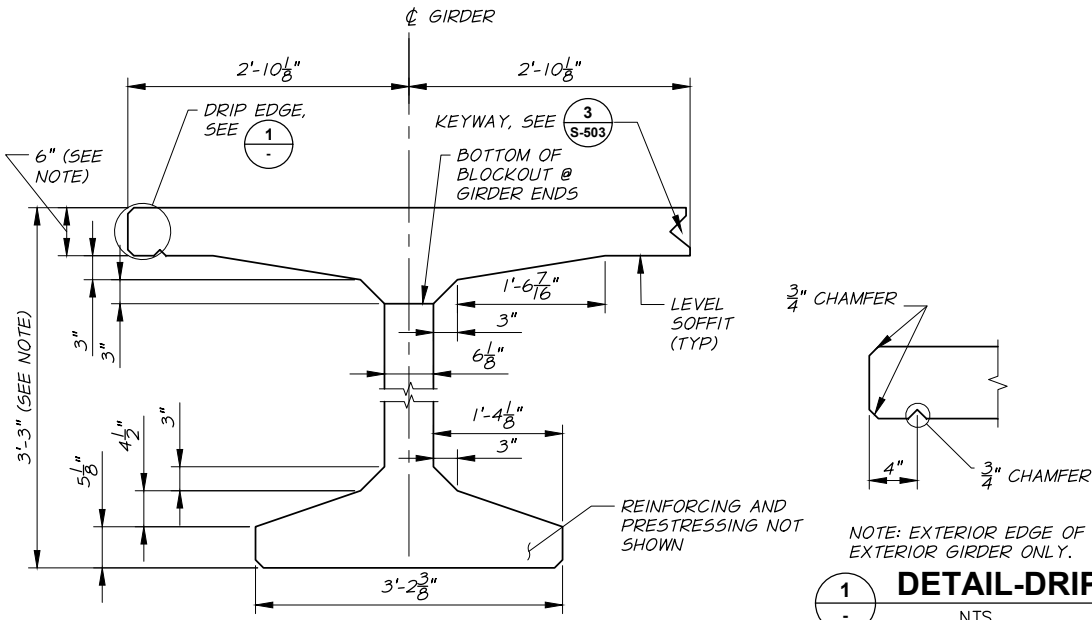
3 OF 28

GIRDER GENERAL NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6"Ø AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI.
3. CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS SHOWN IN THE GIRDER SCHEDULE.
4. THE TOP SURFACE OF THE GIRDER FLANGES SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.
5. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS.
6. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED LATERALLY TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.
8. FOR DIAPHRAGMS, OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1"Ø MEADOWBURKE MX-3 HI-TENSILE, 1"Ø x 5½" WILLIAMS F22 OPEN FERRULE INSERT, 1"Ø x 4½" DAYTON-SUPERIOR F-62 FLARED THIN SLAB FERRULE INSERT OR APPROVED EQUAL.
9. DEFORMED WELDED WIRE REINFORCEMENT CONFORMING TO SECTION 9-07.7 WITH DEFORMED WIRE CONFORMING TO SECTION 9-07.8 MAY BE SUBSTITUTED FOR MILD STEEL REINFORCEMENT IF AASHTO LRFD BRIDGE DESIGN SPECIFICATION REQUIREMENTS (INCLUDING DEVELOPMENT AND ANCHORAGE) ARE MET. WELDED WIRE REINFORCEMENT SHALL HAVE THE SAME AREA AND SPACING AS THE MILD STEEL REINFORCEMENT THAT IT REPLACES AND THE YIELD STRENGTH SHALL BE GREATER THAN OR EQUAL TO 60 KSI. SHEAR STIRRUP LONGITUDINAL WIRES AND TACK WELDS SHALL BE EXCLUDED FROM GIRDER WEBS. LONGITUDINAL WIRES FOR ANCHORAGE OF WELDED WIRE REINFORCEMENT SHALL HAVE AN AREA OF 40% OR MORE OF THE AREA OF THE WIRE BEING ANCHORED BUT SHALL NOT BE LESS THAN D4.

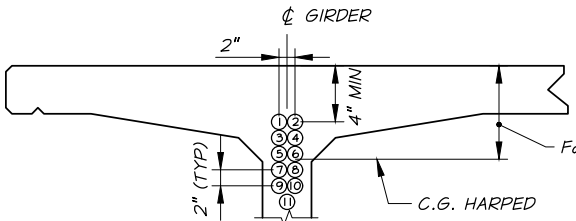


GIRDER PLAN
NTS



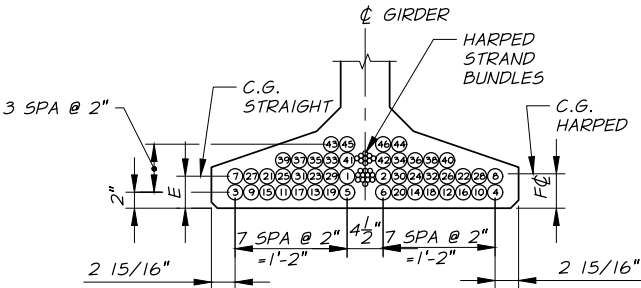
NOTE: NOMINAL DIMENSIONS AT MIDSPAN. FLANGE THICKEN AT ENDS. SEE DETAIL 1 S-503

SECTION
NTS



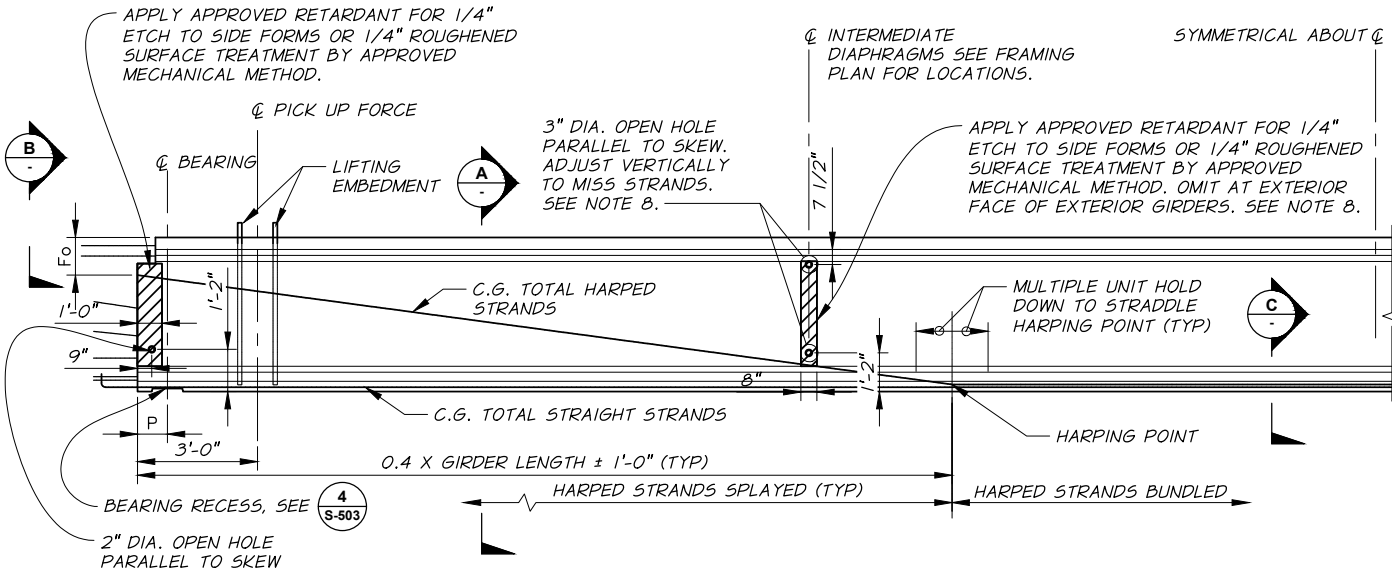
STRAND PATTERN AT GIRDER END
HARPED STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ① ② ETC.

B
NTS



STRAND PATTERN AT MID SPAN
STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ① ② ETC.

C
NTS



GIRDER ELEVATION
NTS



DESIGNED BY E.ZITTERKOPF		JOB NUMBER 6085-66		DATE August 14, 2020	
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FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

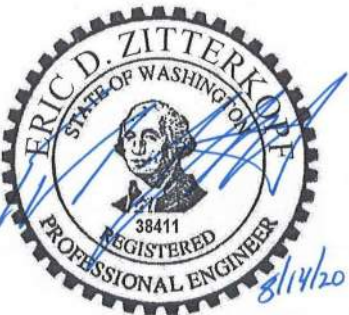
WF39DG GIRDER DETAILS I

SHEET

S-501

19 OF 28

R:\Clients\Franklin County\6085-66 Cogan Bridge\060 Design\6085-66-060S-502.dwg, 8/14/2020 8:48:48 AM, _AutoCAD PDF (General Documentation).pc3



REVISION		BY	DATE
DESIGNED BY E. ZITTERKOPF			JOB NUMBER 6085-66 DATE August 14, 2020
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REVIEWED BY L. KEENAN			COPYRIGHT 2020 BY ANDERSON PERRY & ASSOC., INC.

RAP - #1118-02 FED AID NO: BROS-2011(049)	
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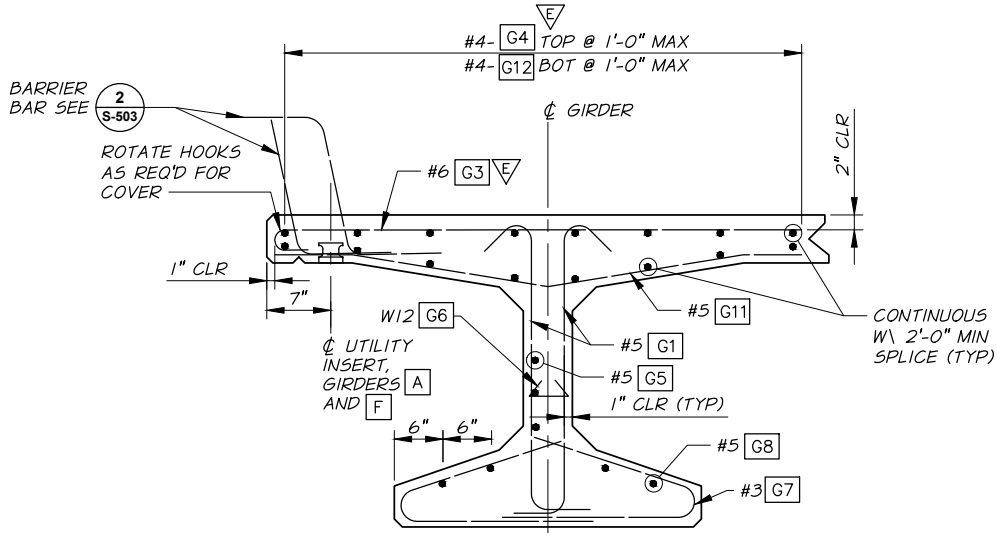


FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617	
WF39DG GIRDER DETAILS II	

SHEET
S-502
20 OF 28

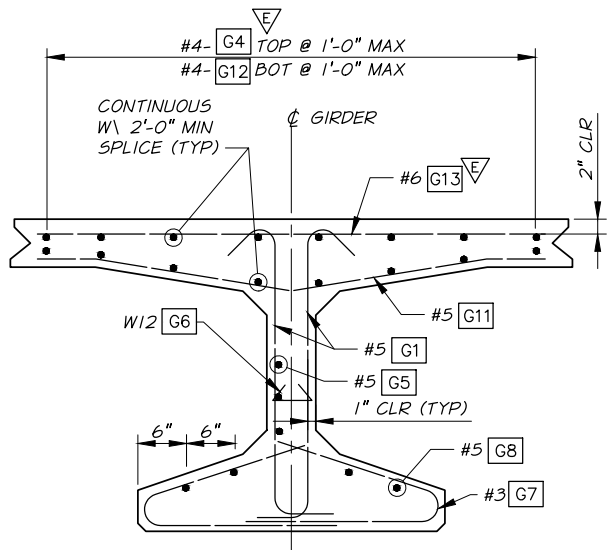
GIRDER SCHEDULE

SPAN	GIRDER	GIRDER SERIES	INT. DIAPHRAGM TYPE (FULL OR PARTIAL)	Ø1 (DEG.)	Ø2 (DEG.)	L1	L2	P1	P2	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		NUMBER OF STRAIGHT STRANDS	NUMBER OF HARPED STRANDS	LOCATION OF C.G. STRANDS			STRAIGHT STR. TO EXTEND		DEFLECTION		REINFORCEMENT DETAILS					
											28 DAYS F'c (KSI)	RELEASE F'ci (KSI)			E	Fg	Fo	END 1	END 2	LOWER BOUND 40 DAYS (IN)	UPPER BOUND 120 DAYS (IN)	ZONE 1		ZONE 2		ZONE 3	
																						SPACING	LENGTH	SPACING	LENGTH	SPACING	LENGTH
ALL	ALL	WF39DG	FULL	65	65	3'-3"	3'-3"	1'-4 1/2"	1'-4 1/2"	102'-9"	7.0	5.5	24	12	25 5/8"	4"	9"	<div><div>3 11/16"</div><div>6 12/16"</div></div>	<div><div>3 11/16"</div><div>6 12/16"</div></div>	2 1/8"	5 1/8"	2 1/4"	1'-8 1/4"	6"	9'-0"	9"	10'-6"

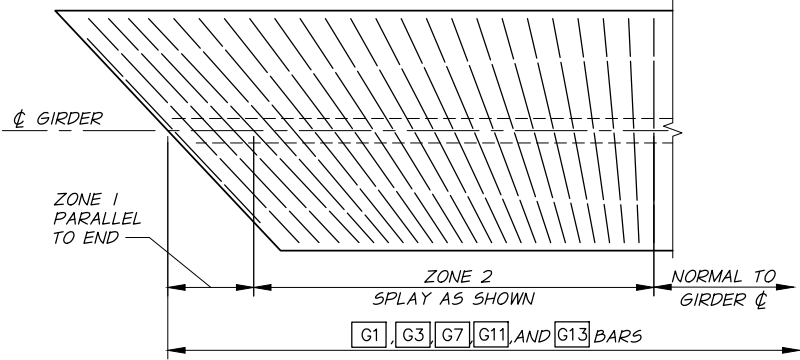


NOTE: UTILITY INSERT SHALL BE ANVIL® INTERNATIONAL UNIVERSAL CONCRETE INSERT FIG. 282 OR APPROVED EQUAL.

SECTION - EXTERIOR GIRDER
(STRANDS NOT SHOWN)
NTS



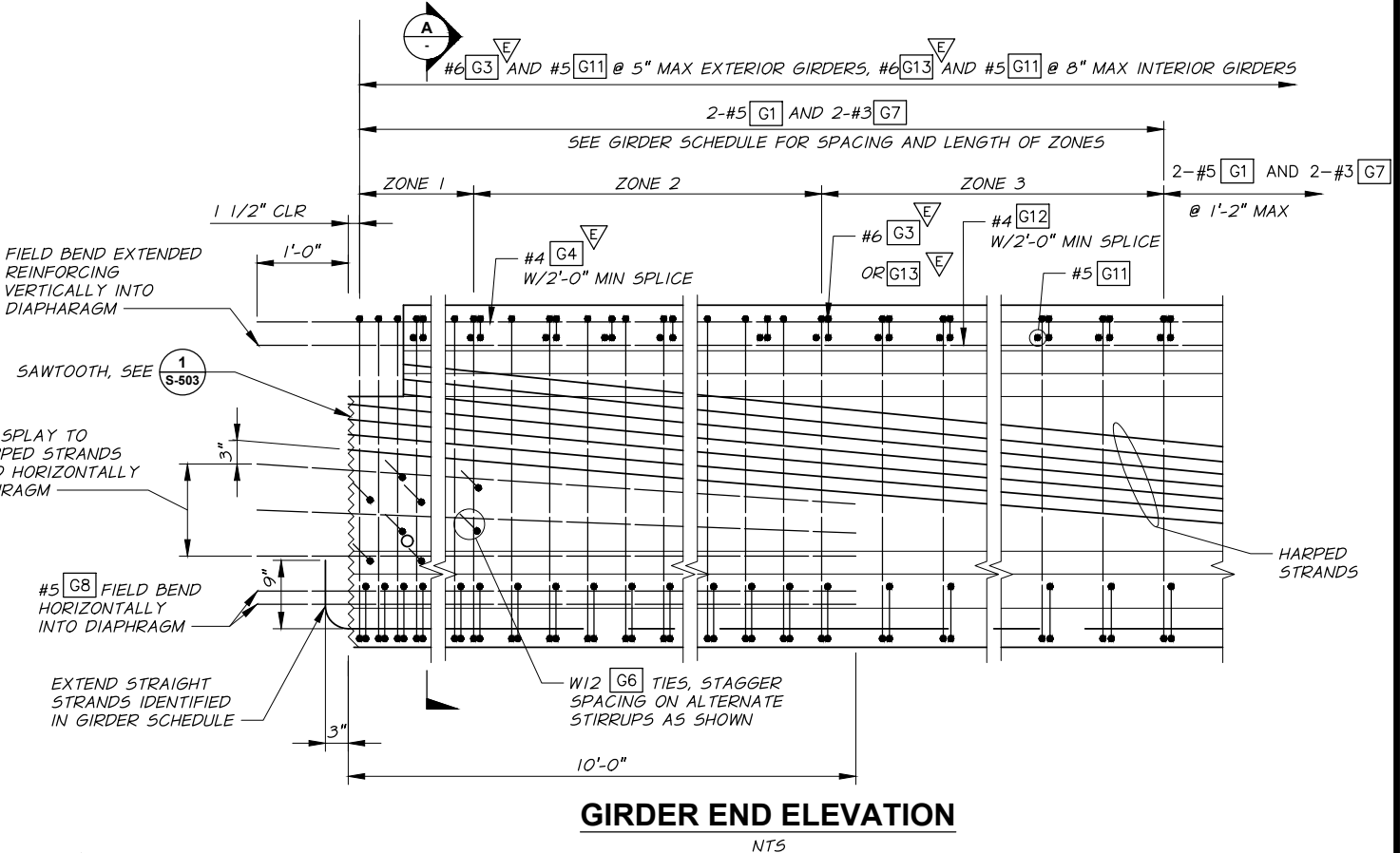
SECTION - INTERIOR GIRDER
(STRANDS NOT SHOWN)
NTS



NOTES:
1. ONLY TRANSVERSE REINFORCEMENT SHOWN.
2. LENGTHS OF G3, G7, G11, AND G13 VARY WITH SKEW.

TRANSVERSE REINFORCING AT SKEWED ENDS

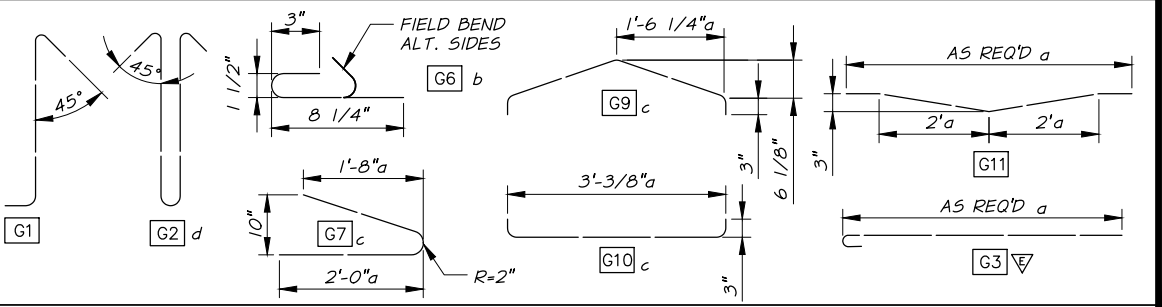
PLAN
NTS



GIRDER END ELEVATION

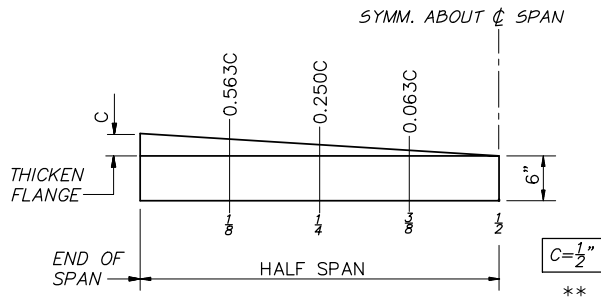
GIRDER BAR LIST

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

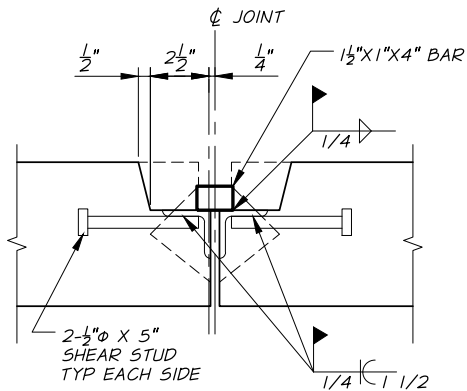


a - VARIES FOR SKEWED ENDS.
b - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.
c - PAIRS OF G7 BARS, OR G9 AND G10 BARS, MAY BE USED INTERCHANGEABLY AS BOTTOM FLANGE TIES.
d - 1 G2 MAY BE SUBSTITUTED FOR 2 G1 WITHIN ZONE 1.

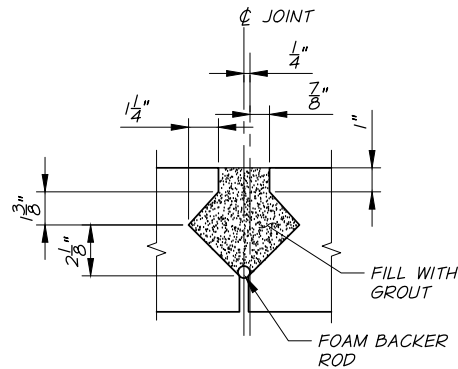
EPOXY COATED



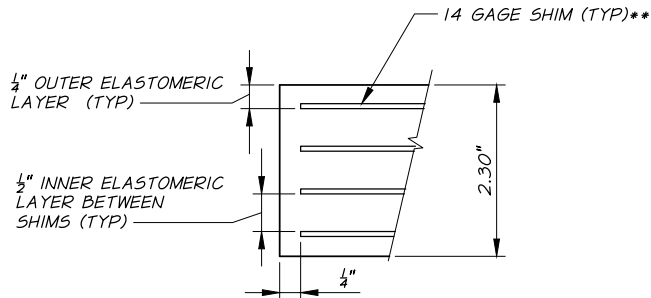
1
S-501
DETAIL - FLANGE THICKENING
NTS



2
S-501
DETAIL - WELD TIE
SCALE IN INCHES



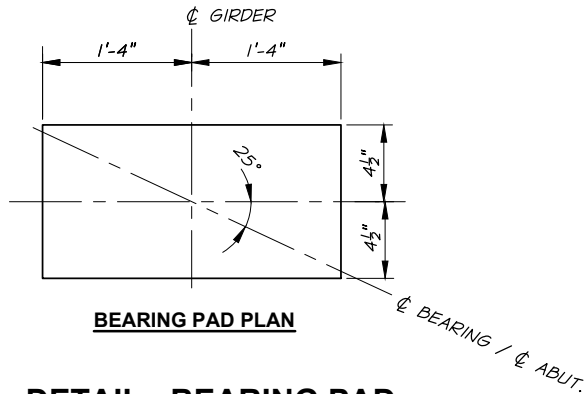
3
S-501
DETAIL - KEYWAY
SCALE IN INCHES



** SHIMS ASTM A570 GR 36

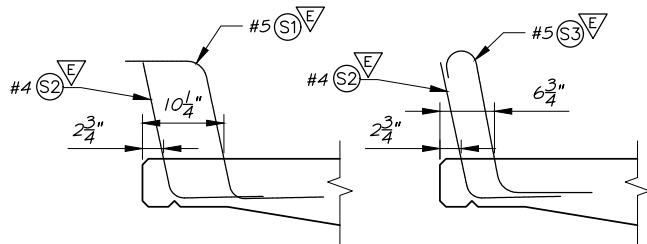
BEARING DESIGN TABLE (METHOD B)	
SERVICE 1 LIMIT STATE	
DEAD LOAD	90 KIPS
LIVE LOAD W/O IM	68 KIPS
SHEAR MODULUS	165 PSI
UNLOADED HEIGHT	2.30"
LOADED HEIGHT (DL)	2.29"

BEARING PAD TYPICAL SECTION



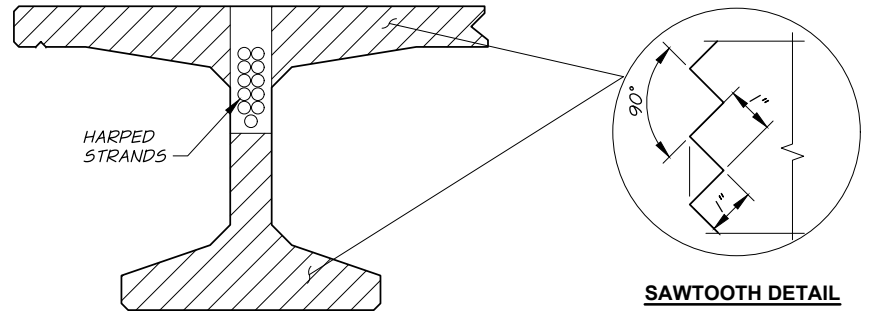
BEARING PAD PLAN

1
S-504
DETAIL - BEARING PAD
NTS



NOTE: SEE TRAFFIC BARRIER SHEETS FOR LOCATION AND SPACING OF REINFORCEMENT

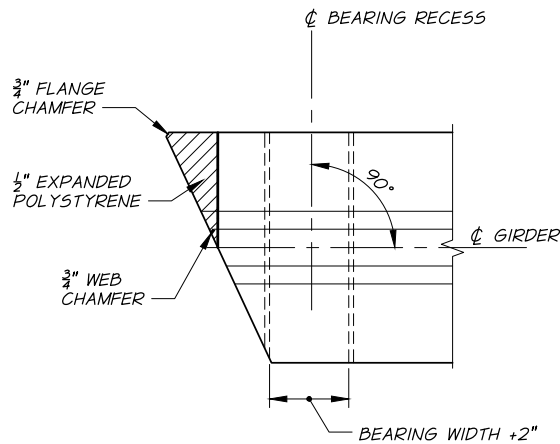
2
S-502
DETAIL - BARRIER BARS
NTS



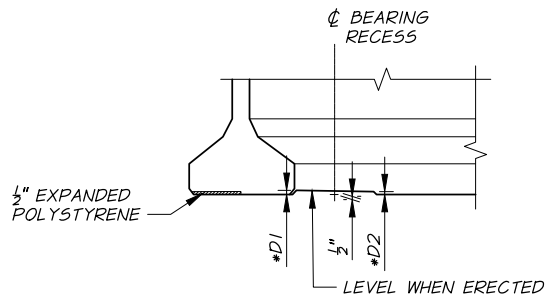
SAWTOOTH DETAIL

SAWTEETH ARE FULL WIDTH AND EXTEND FROM BOTTOM OF BOTTOM FLANGE TO LOWEST HARPED STRAND AS WELL AS TOP FLANGE TO TOP OF HARPED STRANDS.

1
S-502
DETAIL - GIRDER SAWTOOTH
NTS



PLAN



* FABRICATOR TO DETERMINE REQUIRED DIMENSION

ELEVATION

4
S-501
DETAIL - BEARING RECESS
NTS



REVISION	BY	DATE	JOB NUMBER	6085-66	DATE	August 14, 2020
DESIGNED BY	E. ZITTERKOPF		ACAD FILE:	6085-66-060S-503.DWG		
DRAWN BY	E. ZITTERKOPF					
REVIEWED BY	L. KEENAN					

RAP - #1118-02
FED AID NO: BROS-2011(049)

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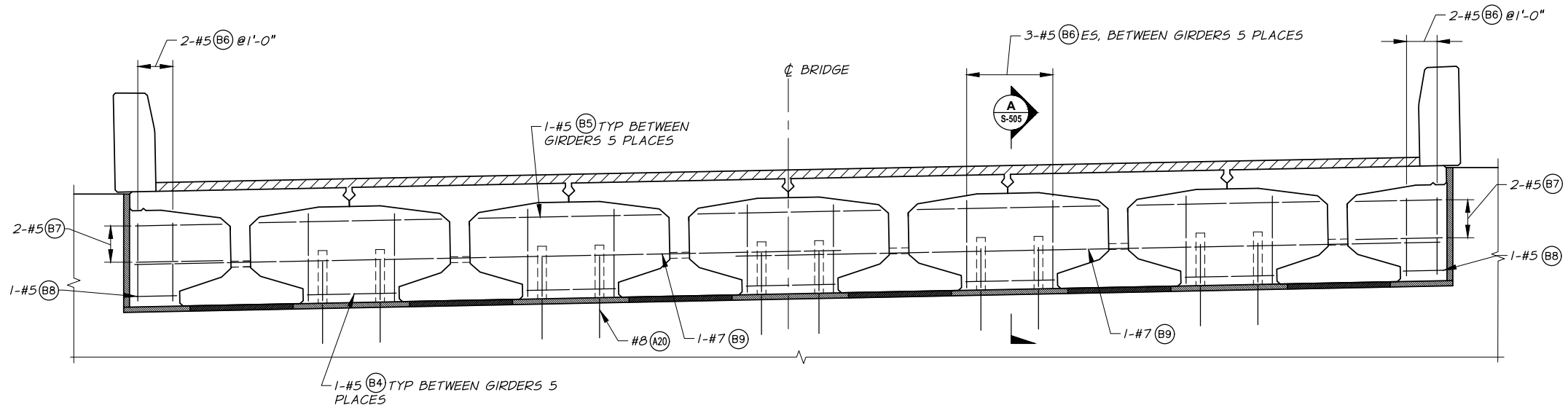
FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

WF39DG GIRDER DETAILS III

SHEET

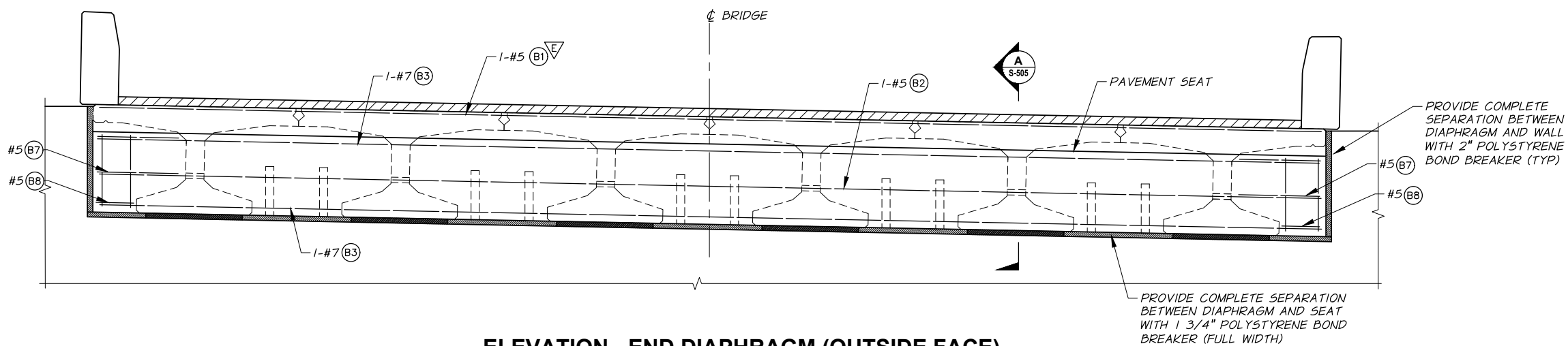
S-503

21 OF 28



ELEVATION - END DIAPHRAGM (INSIDE FACE)


2 0 2
SCALE IN FEET



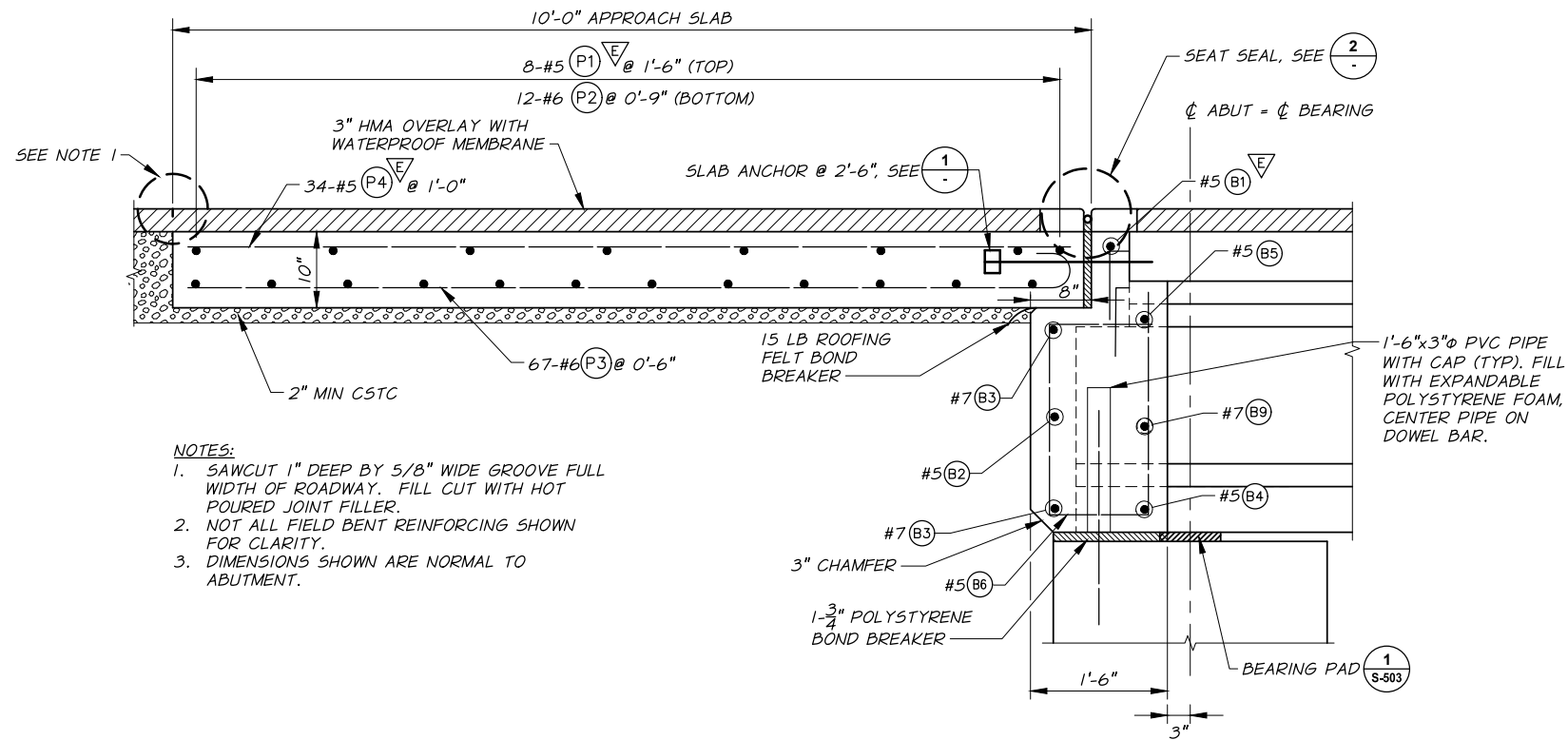
ELEVATION - END DIAPHRAGM (OUTSIDE FACE)

2 0 2
SCALE IN FEET



						FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617 END DIAPHRAGM	SHEET S-504 22 OF 28
REVISION	BY	DATE	JOB NUMBER	DATE			
DESIGNED BY E. ZITTERKOPF			6085-66	August 14, 2020			
DRAWN BY E. ZITTERKOPF			ACAD FILE: 6085-66-060S-504-506.DWG				
REVIEWED BY L. KEENAN			COPYRIGHT 2020 BY ANDERSON PERRY & ASSOC., INC.		RAP - #1118-02 FED AID NO: BROS-2011(049)		

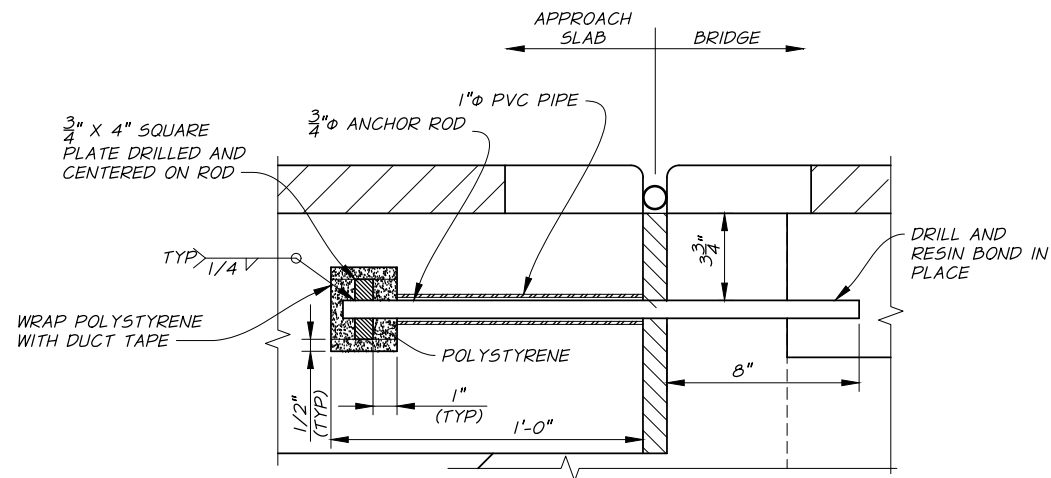
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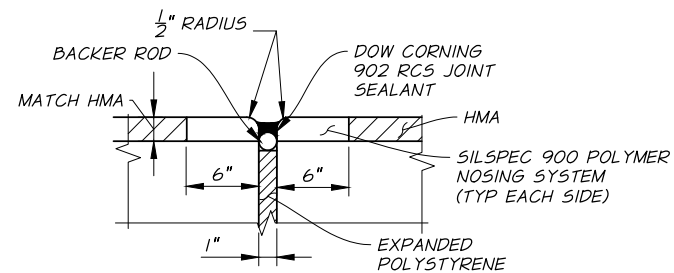
NOTES:

1. SAWCUT 1" DEEP BY 5/8" WIDE GROOVE FULL WIDTH OF ROADWAY. FILL CUT WITH HOT POURED JOINT FILLER.
2. NOT ALL FIELD BENT REINFORCING SHOWN FOR CLARITY.
3. DIMENSIONS SHOWN ARE NORMAL TO ABUTMENT.

A SECTION
S-504
SCALE IN FEET



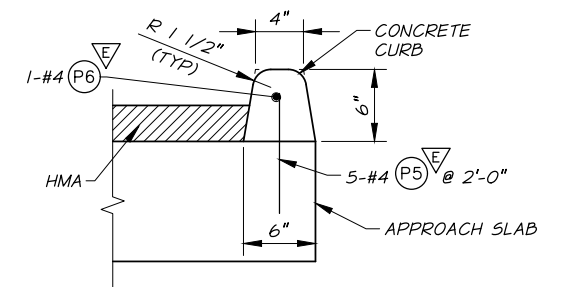
1 DETAIL - END PANEL ANCHOR
NTS



NOTES

1. INSTALL JOINT SEAL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. EXTEND JOINT SEAL UP CURB FACE.

2 DETAIL - PAVEMENT SEAT SEAL
NTS



1 DETAIL - APPROACH SLAB CURB
S-101 NTS



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DESIGNED BY E. ZITTERKOPF		JOB NUMBER 6085-66 DATE August 14, 2020
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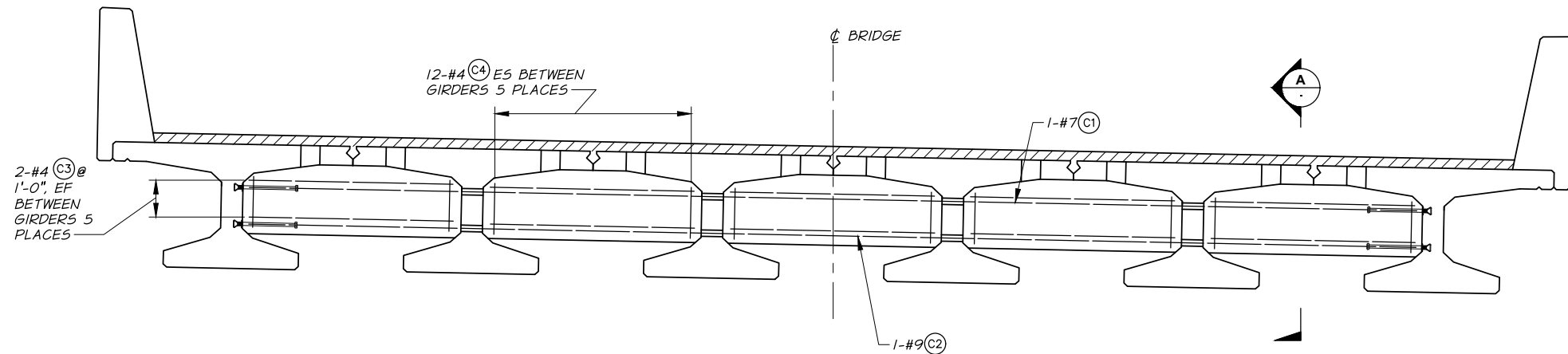
FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

END DIAPHRAGM SECTION AND DETAILS

SHEET

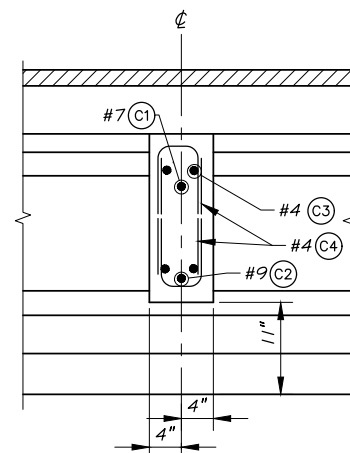
S-505

23 OF 28

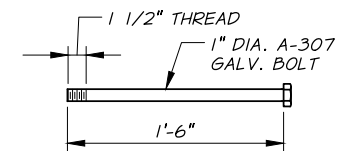


ELEVATION - INTERMEDIATE DIAPHRAGM

2 0 2
SCALE IN FEET




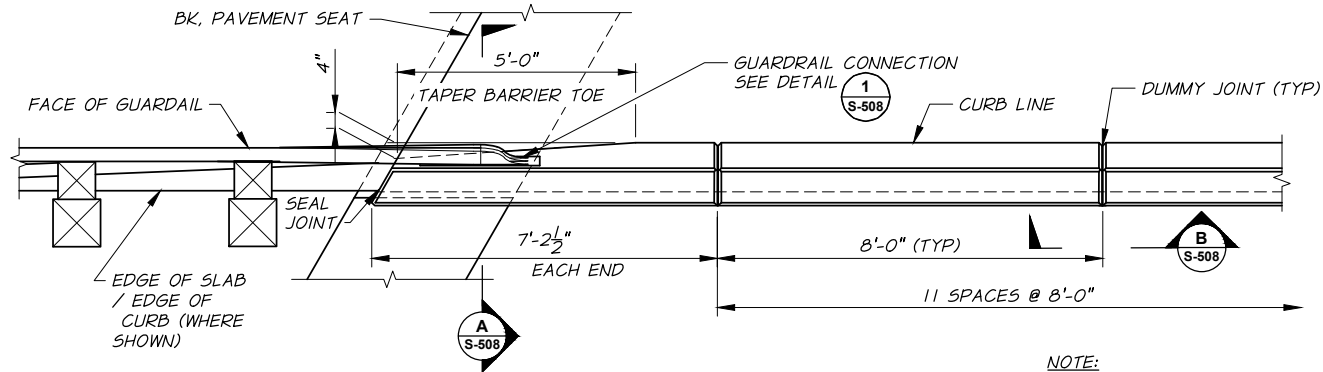
A
SECTION
NTS



1
DETAIL - DIAPHRAGM ANCHOR
NTS



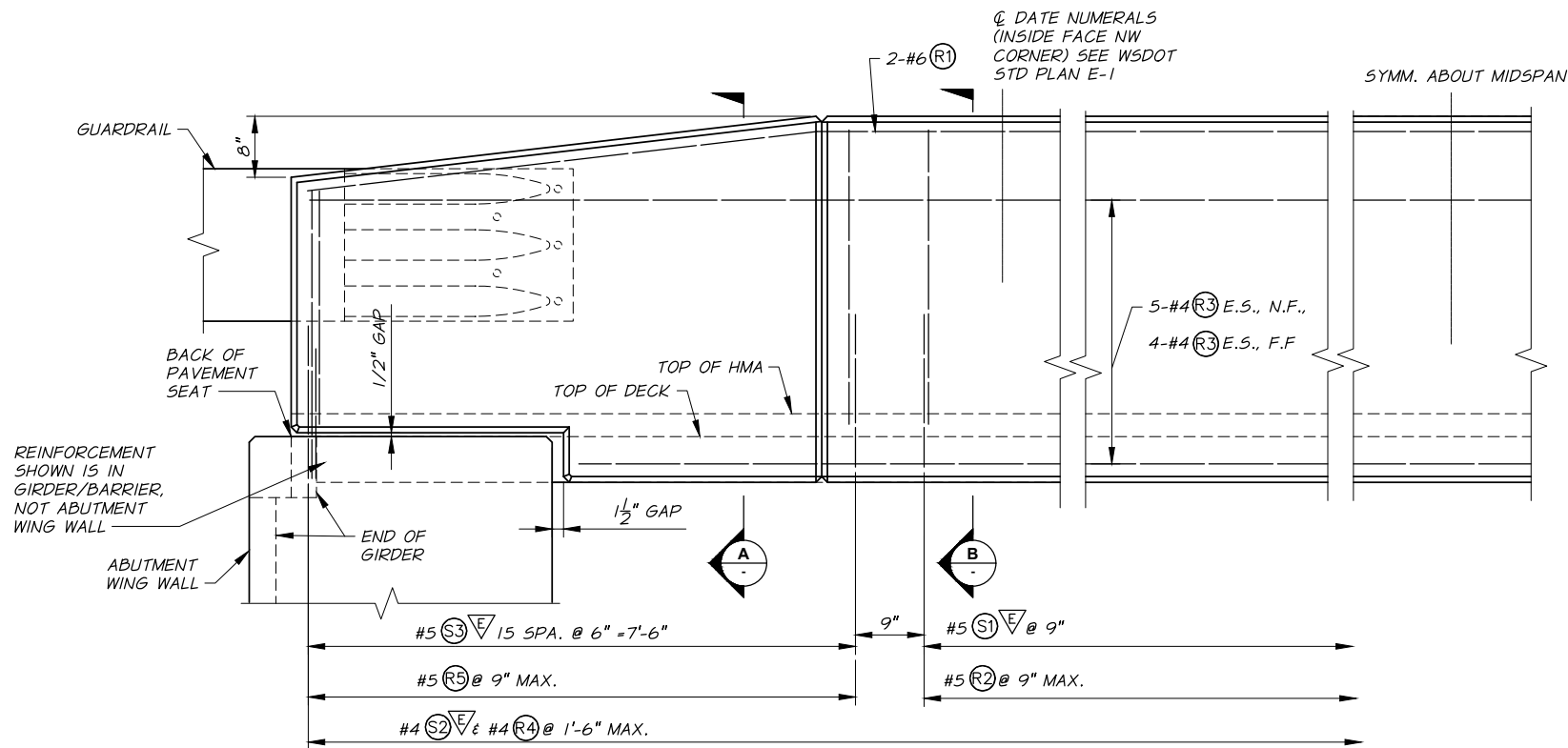
					 <p>anderson perry & associates, inc. <small>engineering • surveying • natural resources</small></p>	FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
								S-506
REVISION		BY	DATE			INTERMEDIATE DIAPHRAGM	24 OF 28	
DESIGNED BY E.ZITTERKOPF			JOB NUMBER 6085-66	DATE August 14, 2020				
DRAWN BY E.ZITTERKOPF			ACAD FILE: 6085-66-060S-504-506.DWG		RAP - #1118-02 FED AID NO: BROS-2011(049)			
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NOTE:
BARRIER CONTINUOUS BETWEEN
PAVEMENT SEATS. CONSTRUCTION
JOINTS WITH SHEAR KEYS ARE
PERMISSIBLE AT DUMMY JOINT
LOCATIONS ONLY.

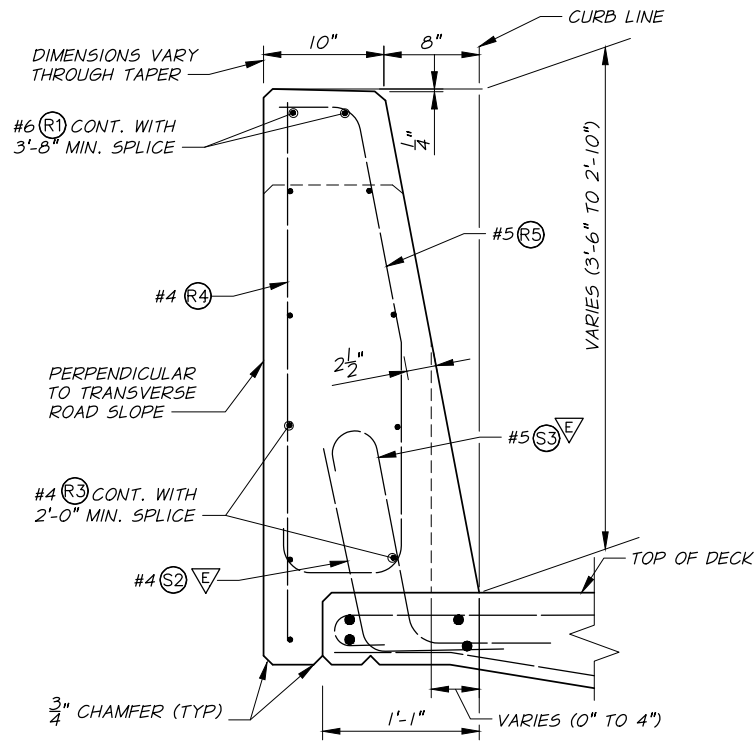
PLAN - TRAFFIC BARRIER

NTS



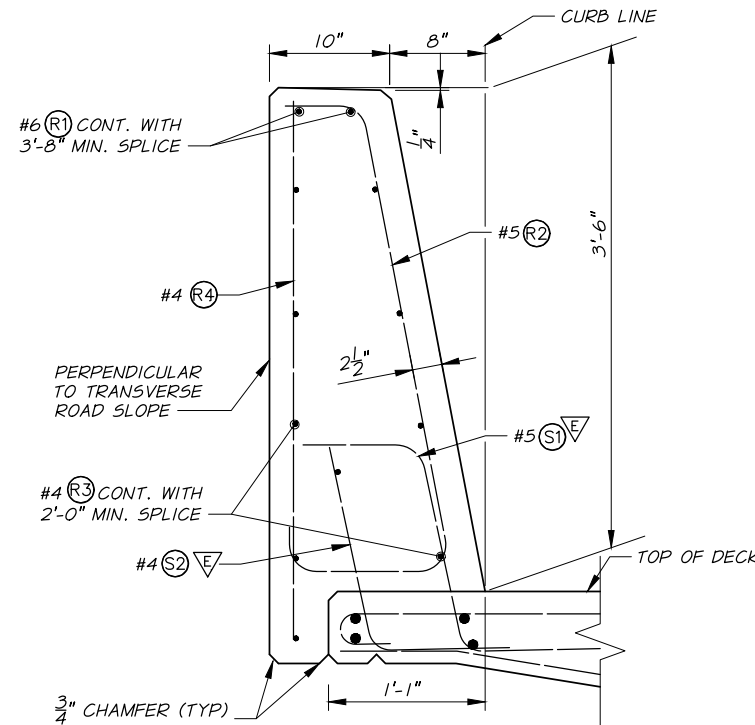
ELEVATION - TRAFFIC BARRIER

NTS



NOTE:
HMA OVERLAY NOT SHOWN.

A
SECTION
NTS



NOTE:
HMA OVERLAY NOT SHOWN.

B
SECTION
NTS



REVISION	BY	DATE	JOB NUMBER	6085-66	DATE	August 14, 2020
DESIGNED BY	E. ZITTERKOPF		ACAD FILE:	6085-66-060S-507-508.DWG		
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REVIEWED BY	L. KEENAN					

RAP - #1118-02
FED AID NO: BROS-2011(049)



FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

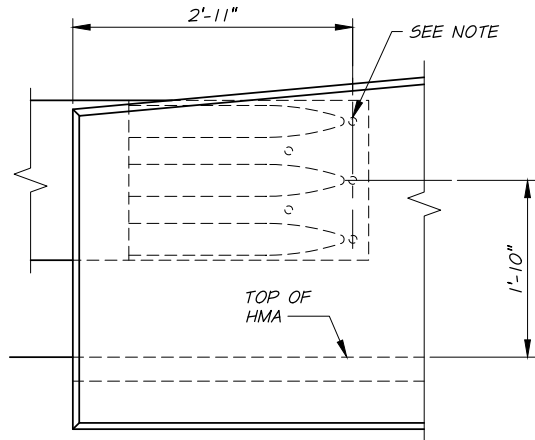
TRAFFIC BARRIER I

SHEET

S-507

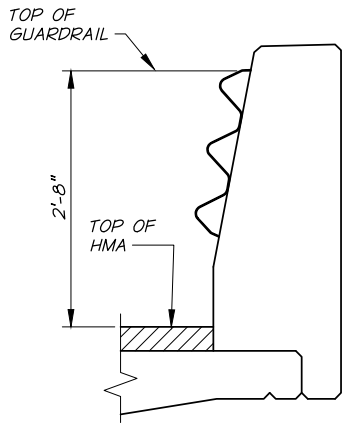
25 OF 28

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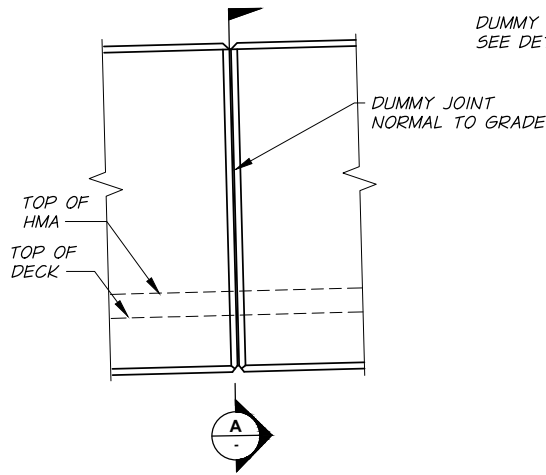


NOTE:
PROVIDE 5 - $\frac{7}{8}$ " DIA. ROCKET/KOHLER
F-50, LANCASTER MALLEABLE, OR DAYTON/
RICHMOND 6-62 FLARED THIN SLAB FERRULE
INSERTS OR APPROVED EQUAL (TYP). RESIN-
BONDED ANCHORS MAY BE SUBSTITUTED. SEE
WSDOT STD PLAN C-7A FOR HOLE PATTERN.

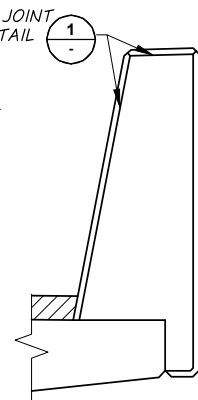
1
S-507
DETAIL - GUARDRAIL TYPE F CONNECTION
NTS



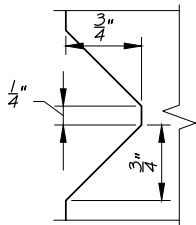
A
S-507
SECTION
NTS



B
S-507
VIEW
NTS



A
-
SECTION
NTS

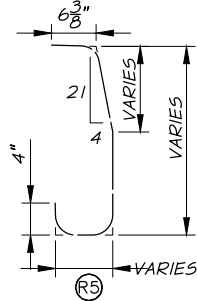
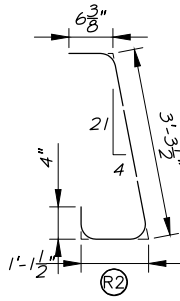
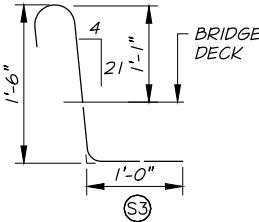
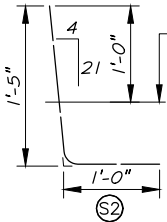
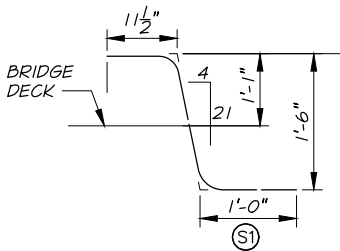


1
-
DETAIL - DUMMY JOINT
NTS

TRAFFIC BARRIER BAR LIST

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)

MARK	SIZE	
S1	5	
S2	4	
S3	5	
R1	6	STR.
R2	5	
R3	4	STR.
R4	4	STR.
R5	5	



- EPOXY COATED



DESIGNED BY E.ZITTERKOPF	BY	DATE	NTS
DRAWN BY E.ZITTERKOPF			
REVIEWED BY L.KEENAN			
JOB NUMBER 6085-66	DATE August 14, 2020		
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FRANKLIN COUNTY
COYAN BRIDGE #200-9.93
CRP 617

TRAFFIC BARRIER II

SHEET

S-508

26 OF 28

ABUTMENT - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
A1	SEAT	6	8	56	23'-9"					309
A2	FRONT FACE	6	18	50	40'-0"					1081
A3	FRONT FACE	6	18	50	17'-6"					473
A4	BACK FACE	6	18	50	36'-6"					987
A5	WING BACK FACE	6	18	84	5'-6"	2'-9"	3'-5"			297
A6	WING BACK FACE	6	18	84	5'-6"	2'-9"	4'-9"			351
A7	TOP OF PILES	8	4	50	24'-9"					264
A8	TOP OF PILES	9	6	50	38'-2"					779
A9	TOP OF PILES	8	6	56	42'-9"					937
A10	WING HORIZONTAL	5	8	84	2'-9"	3'-5"				51
A11	WING HORIZONTAL	5	8	88	1'-1"	8'-1"				76
A12	WING HORIZONTAL	5	8	87	2'-11"	1'-6"	2'-9"			60
A13	WING HORIZONTAL	5	8	84	4'-9"	2'-9"				63
A14	WING HORIZONTAL	5	8	83	8'-1"	1'-1"				76
A15	WING HORIZONTAL	5	8	89	2'-9"	2'-9"	2'-11"			70
A16	ABUTMENT VERITICALS	6	128	61	2'-7"	5'-0"	5'-0"			2419
A17	ABUTMENT VERTICALS	6	128	61	2'-7"	3'-0"	3'-0"			1650
A18	WING VERTICALS	5	26	50	VAR					237
A19	WING VERTICALS	5	28	50	4'-10"					141
A20	DOWELS	8	20	50	2'-4"					124
A21	WALL TIES	4	80	58	2'-8"					183

INTERMEDIATE DIAPHRAGM - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
C1	TRANSVERSE TIE TOP	7	2	50	30'-6"					124
C2	TRANSVERSE TIE BOTTOM	9	2	50	30'-6"					206
C3	HORIZONTAL FACE	4	40	50	5'-4"					142
C4	STIRRUPS	4	120	71	1'-4"					246

APPROACH SLAB - BAR LIST

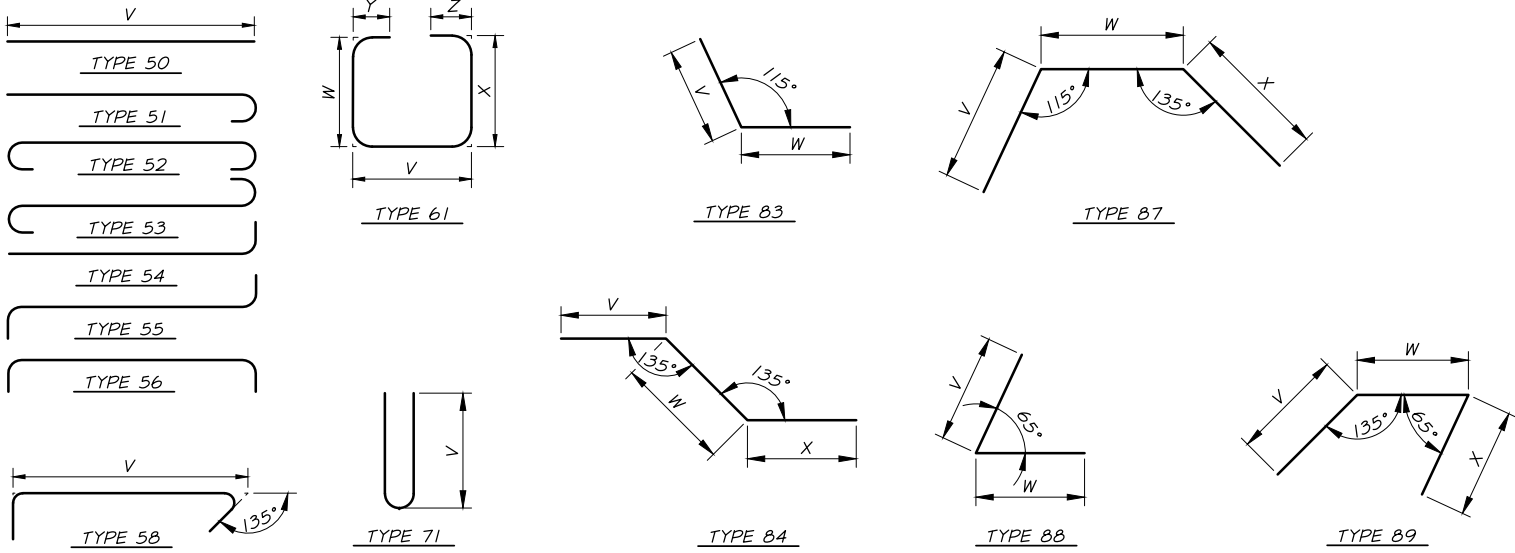
MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
P1	TRANSVERSE TOP	5	16	50	36'-2"					604
P2	TRANSVERSE BOTTOM	6	24	50	36'-2"					1304
P3	LONGITUDINAL BOTTOM	6	134	51	9'-8"					2081
P4	LONGITUDINAL TOP	5	68	50	9'-8"					686
P5	CURB DOWELS	4	5	50	0'-10"					3
P6	CURB LONGITUDINAL	4	1	50	9'-10"					7

END DIAPHRAGM - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
B1	SEAT TIE	5	2	50	37'-4"					77
B2	HORIZONTAL TIE	5	2	50	37'-4"					77
B3	HORIZONTAL TIE	7	4	50	37'-4"					303
B4	HORIZONTAL BETWEEN GIRDERS	5	10	50	2'-6"					26
B5	HORIZONTAL BETWEEN GIRDERS	5	10	50	5'-2"					54
B6	STIRRUPS	5	38	61	1'-2"	2'-1"	2'-5"	1'-1"		268
B7	HORIZONTAL ENDS	5	8	61	1'-2"	1'-10"	2'-5"			45
B8	HORIZONTAL ENDS	5	4	61	1'-2"	1'-1"	1'-1"			14
B9	HORIZONTAL TIE	7	4	50	20'-2"					84

BEND TYPES

(ALL DIMENSIONS ARE OUT TO OUT)



* CONTRACTOR RESPONSIBLE FOR FOR VERIFYING DIMENSIONS AND QUANTITIES OF REINFORCING STEEL.

E - EPOXY COATED



									FRANKLIN COUNTY COYAN BRIDGE #200-9.93 CRP 617		SHEET
									BAR LIST		S-601
											27 OF 28

DESIGNED BY E.ZITTERKOPF	BY	DATE	JOB NUMBER 6085-66	DATE August 14, 2020
DRAWN BY E.ZITTERKOPF			ACAD FILE: 6085-66-060S-601.DWG	
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FED AID NO: BROS-2011(049)

TRAFFIC CONTROL PLAN

NOT TO SCALE




TRAFFIC CONTROL NOTES

- 1. ALL REGULATORY TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE M.U.T.C.D.
- 2. ALL TRAFFIC CONTROL SIGNS AND DEVICES USED ON THIS PROJECT SHALL BE NEW OR LIKE NEW CONDITION.
- 3. TWO FLASHING WARNING CONTROL SIGNS SHALL BE USED TO MARK EACH BARRICADE AT NIGHT.
- 4. TYPE III BARRICADES SHALL HAVE REFLECTORIZED SHEETING ATTACHED. PAINTED STRIPING WILL NOT BE ALLOWED.
- 5. LOCATION OF ALL SIGNS SHALL BE AS APPROVED BY THE ENGINEER.
- 6. REMOVE, COVER OR RELOCATE SIGNS AS REQUIRED DURING VARIOUS CONSTRUCTION STAGES.
- 7. ACCESS SHALL BE PROVIDES AT ALL TIMES TO PROPERTY OWNERS WITHIN PROJECT LIMITS.
- 8. ACCESS TO THE CANAL ROAD SHALL BE PROVIDED AT ALL TIMES TO COLUMBIA BASIN IRRIGATION DISTRICT PERSONNEL.


TRAFFIC CONTROL SIGN SCHEDULE

1




W20-3 (SIMILAR)
36" X 36"
2 EACH

2



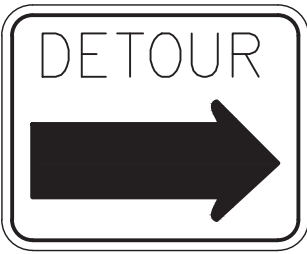
M4-10R
48" x 18"
1 EACH

3



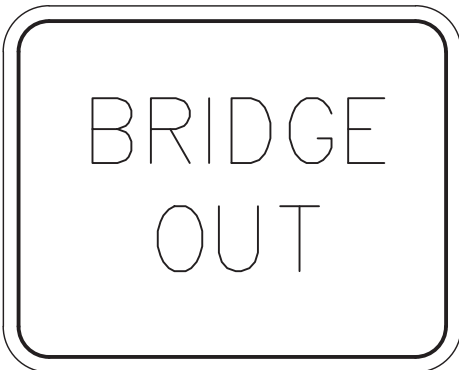
M4-10L
48" x 18"
1 EACH

4



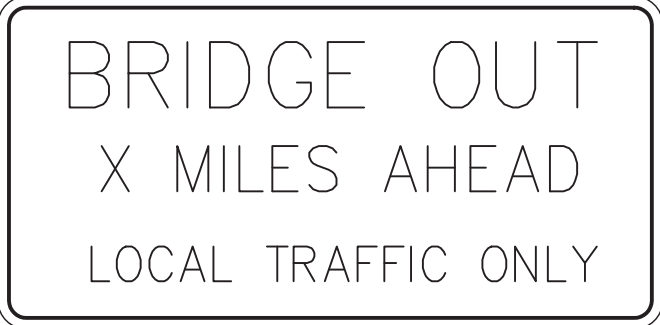
M4 - 9R
30" x 24"
1 EACH

5



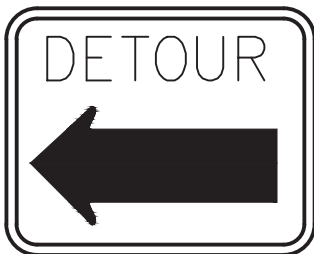
R11 - 2
48" x 30"
2 EACH

6



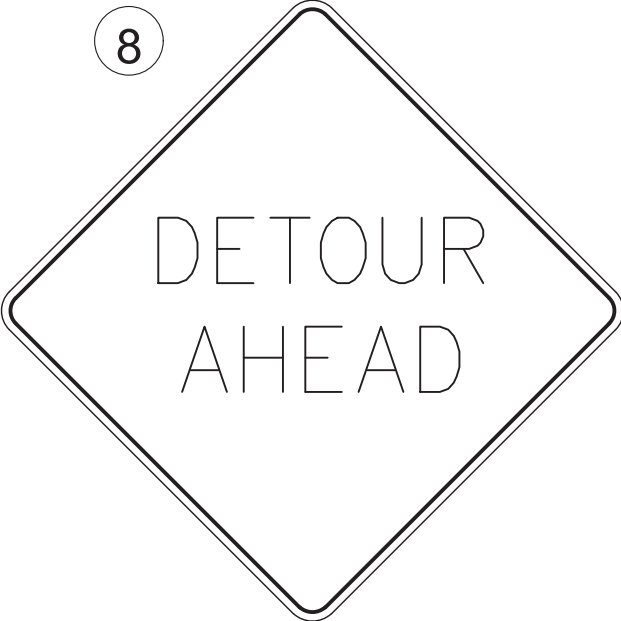
R11 - 3b
60" x 30"
2 EACH

7




M4 - 9L
30" x 24"
1 EACH

8



W20-2
36"X36"
3 EACH



TYPE III BARRICADE
(STD. PLAN K-80.20-00)
6 EACH

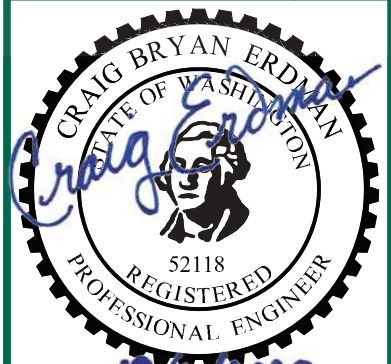


FRANKLIN COUNTY
PUBLIC WORKS DEPARTMENT
3416 STEARMAN AVE.
PASCO, WA 99301
(509)545-3514
WEB:WWW.CO.FRANKLIN.WA.US

REVISION	NO.	DESCRIPTION	BY	DATE

CRP 617
COYAN BRIDGE
#200-9.93

TRAFFIC CONTROL PLAN



FEDERAL AID NUMBER BROS-2011(049)	
CONTRACT NUMBER CRP 617	
STATE WA	REGION SC
PLAN CHECK	
DRAWN BY: SR	
DESIGNED BY: CBE	
CHECKED BY: KM	
DATE: 2020-10-01 08:49:28	
CADD DWG TRAFFIC CONTROL COYAN BRIDGE	
REF. NO.	SHEET