
Cowlitz County
Department of Public Works

**CONTRACT DOCUMENTS
FOR**

2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT

Cowlitz County Project No. 2216

NOVEMBER 2024

COWLITZ COUNTY
Department of Public Works
1600-13th Avenue South
Kelso, Washington 98626
Phone (360) 577-3030

BOARD OF COUNTY COMMISSIONERS

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Cowlitz County

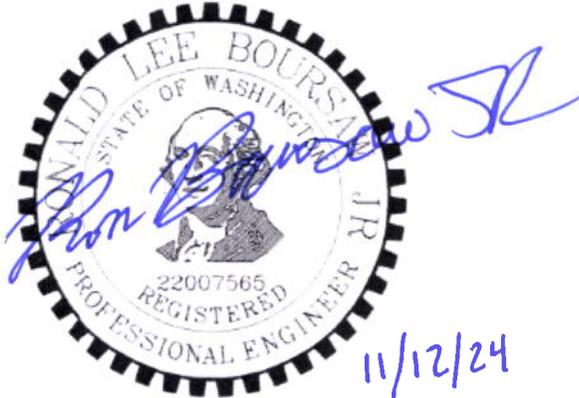
Department of Public Works

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FOR

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Responsible for all portions of the Contract Documents

COWLITZ COUNTY
Department of Public Works
1600-13th Avenue South
Kelso, Washington 98626
Phone (360) 577-3030

Approved by:

Susan Eugenis 11/12/24
Susan Eugenis, P.E. Date
County Engineer

2021 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT

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CALL FOR BIDS

The Board of County Commissioners of Cowlitz County, Washington will receive sealed bids until **December 11, 2024, prior to 1:30 p.m.**, for the following work: **2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT.**

Work performed under this contract consists of the following:

Installation and repair of guardrail, guardrail terminals and end treatments on a UNIT PRICE basis for new guardrail installation and damage to guardrail that may occur within the next year, and other work. At the County's sole discretion, the County may extend or renew the UNIT PRICE contract for one additional year by giving the bidder awarded the contract written notice 30 days prior to the contract one-year expiration date.

At that time all bids will be publicly opened and read in the Board's hearing room. Bids must be addressed to:

Board of County Commissioners
Attn: Clerk of the Board
207 Fourth Avenue North
Kelso WA 98626

Project bid documents (Plans, specifications, addenda, bid documents, bidders list and plan holders list) for this project are available online for inspection during the bidding period through the Builders Exchange of Washington (BXWA) website at www.bxwa.com. Click on Posted Projects, then Public Works, then Cowlitz County and then Projects Bidding. These documents are available for viewing, downloading and printing on your own equipment free of charge. This service is provided to Prime Bidders, Subcontractors, and Vendors bidding on this project. Bidders will need to "Register as a Bidder" through the BXWA in order to receive automatic e-mail notification of future addenda and to be placed on the Bidders List. Bidders should contact Builder's Exchange of Washington at (425) 258-1303 for questions regarding access or registration.

It is the sole responsibility of the Bidder to obtain Addenda, if any. Addenda information will be available on the BXWA web site at www.bxwa.com. Cowlitz County accepts no responsibility or liability and will provide no accommodation to bidders who fail to check for addenda and thereby submit inadequate or incomplete responses.

Cowlitz County will not provide paper copies of the Project bid documents for this project for bidding purposes. A copy of the plans and specifications may be reviewed at the office of the Clerk of the Board of County Commissioners.

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 amount of such bid proposal.

bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to Cowlitz County.

All documents received in response to this invitation to bid will become a matter of public record and subject to the Washington public disclosure act under chapter 42.56 RCW.

Cowlitz County, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The Board reserves the right to reject any and all bids and to waive any immaterial irregularities or informalities in any bid or in the bidding.

DATED this 12th day of November 2024.

BOARD OF COUNTY COMMISSIONERS
OF COWLITZ COUNTY, WASHINGTON

Richard R. Dahl, Chairman

Arne Mortensen, Commissioner

Dennis P. Weber, Commissioner

ATTEST:

Kelly Grayson, Clerk of the Board

BIDDER'S CHECKLIST

(Informational only – not required to be submitted with the BID)

2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT

Name of Project

ITEMS TO BE INCLUDED WITH BID

The following checked items are required to be completed and submitted with the BID, except as noted otherwise:

Required if Checked:

- 1. PROPOSAL FORM – To be completed and signed by bidder. Provide all information pertaining to BIDDER'S organization on the first page. Fill in all unit prices and amounts for each bid item. Fill in all subtotals, sales tax and the total bid amount in the spaces provided. List the addenda in the spaces provided to indicate acknowledgement. Sign, date, and provide requested information in the spaces provided on the last page.
- 2. CERTIFICATION OF APPRENTICESHIP – In the spaces provided on the PROPOSAL FORM, provide information on the BIDDER'S Apprenticeship Programs.
- 3. NON-COLLUSION DECLARATION – required on all projects.
- 4. PROPOSAL FOR INCORPORATING RECYCLED MATERIALS INTO THE PROJECT – required on all road construction projects.
- 5. CERTIFICATION FOR FEDERAL AID CONTRACTS – required on FHWA-funded projects.
- 6. DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION – required on FHWA-funded projects with a goal of greater than 0%.
- 7. DISADVANTAGED BUSINESS ENTERPRISE (DBE) WRITTEN CONFIRMATION DOCUMENT – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.
- 8. DISADVANTAGED BUSINESS ENTERPRISE (DBE) BID ITEM BREAKDOWN – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.
- 9. DISADVANTAGED BUSINESS ENTERPRISE (DBE) TRUCKING CREDIT FORM – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.
- 10. LOCAL AGENCY SUBCONTRACTOR LISTS – To be filled in and signed by BIDDER.

- 11. CONTRACTOR'S PROJECT INFORMATION STANDARD QUESTIONNAIRE - The BIDDER shall complete this form.
- 12. BID DEPOSIT FORM - This form is to be executed by the BIDDER and the Surety Company unless bid is accompanied by cash, cashier's check, or a certified check. The amount of the deposit or bid bond shall be not less than 5% of the total amount of the bid and may be shown in dollars or on a percentage basis. Bid Bond forms other than the enclosed form may be accepted providing it has been approved by the OWNER prior to bid submittal.
- 13. E-VERIFY DECLARATION – The BIDDER shall complete and sign this form.
- 14. CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES – The BIDDER shall complete and sign this form. This form is required to be submitted within 24 hours after the time for delivery of the bid proposal.

PROPOSAL FORM

TO: Board of County Commissioners
County Administration Building
207 Fourth Avenue North, 3rd Floor
Kelso, WA 98626

FOR: **2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT**
Name of Project

FROM:

_____	_____
Bidder's Business Name	Mailing Address
_____	_____
Email Address	City, State and Zip
_____	_____
Name of Bidder's Representative for Bid	Telephone
_____	_____
Washington Registration No.	Tax I.D. No.
_____	_____
Employment Security Department No.	State Excise Tax Registration No.
_____	_____
Industrial Insurance Coverage Account No.	UBI No.

INSTRUCTIONS TO BIDDERS

1. Contract Documents. See Section 1-04.2 of the Special Provisions for a list of the "contract documents" that make up the contract. Be sure that you have a copy of the **2024** Standard Specifications for Road, Bridge, and Municipal Construction, by the Washington State Department of Transportation and the American Public Works Association, Washington State Chapter. Such specifications are sometimes referred to as the "Standard Specifications."

2. Submission of Bid. Fill out this Proposal Form completely, in accordance with Section 1-02.6 of the Standard Specifications. Enclose your Proposal Form and bid deposit in an opaque sealed envelope addressed to:

Cowlitz County Board of County Commissioners
Attn: Clerk of the Board
County Administration Building, 3rd Floor
207 Fourth Avenue North
Kelso, WA 98626

Mark the outside of the envelope with the name of the bidder, the name of the project, and the date and time of the bid opening. It is your responsibility to make sure that your bid is physically received by the Clerk of the Board by the time set for the bid opening. Bids not so received will not be considered. Bids may not be submitted by facsimile machine.

The County's determination of when a bid was received shall be final and non-appealable.

3. Bidder Responsibility Standards. It is the intent of the Owner to award a contract to the lowest, responsible and responsive bidder for all described Work. Before award, the bidder must meet all criteria and satisfy all requirements of the following bidder-responsibility standards to be considered a responsible and a responsive bidder. The bidder may be required by the Owner to submit documentation demonstrating compliance with these standards to be qualified to be awarded a contract. The bidder must:

- a. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect at the time of bid submittal;
- b. Have a current Washington Unified Business Identifier (UBI) number;
- c. If applicable:
 - i. Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - ii. Have a Washington Employment Security Department number, as required in Title 50 RCW;
 - iii. Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
- d. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3).

4. Execution of Contract. The successful bidder must use the performance bond form and other forms provided by Cowlitz County to be considered both a responsible and responsive bidder.

5. Sales Tax Code. In computing and reporting sales taxes payable to the Washington State Department of Revenue on this project, the following code number shall be used: **0800**.

PROPOSAL

The undersigned bidder proposes to perform the project named above in strict compliance with the contract documents, for the following amounts:

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
SCHEDULE A – REPAIRS TO COWLITZ COUNTY OWNED GUARDRAIL				
1	Force Account	Miscellaneous Construction	5,000.00	5,000.00
2	4 Each	Mobilization		
3	800 Hours	Flaggers		
4	100 L.F.	Beam Guardrail Type 1, 6 Ft. Long Wood Post		
5	175 L.F.	Beam Guardrail Type 1, 6 Ft. Long Steel Post		
6	25 L.F.	Beam Guardrail Type 1, 8 Ft. Long Wood Post		
7	25 L.F.	Beam Guardrail Type 1, 8 Ft. Long Steel Post		
8	25 L.F.	Beam Guardrail Type 1, 9 Ft. Long Wood Post		
9	25 L.F.	Beam Guardrail Type 1, 9 Ft. Long Steel Post		
10	25 L.F.	Beam Guardrail Type 1, 11 Ft. Long Wood Post		
11	25 L.F.	Beam Guardrail Type 1, 11 Ft. Long Steel Post		
12	400 L.F.	Beam Guardrail Type 31, 6 Ft. Long Wood Post		
13	25 L.F.	Beam Guardrail Type 31, 6 Ft. Long Steel Post		
14	25 L.F.	Beam Guardrail Type 31, 8 Ft. Long Wood Post		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
15	25 L.F.	Beam Guardrail Type 31, 8 Ft. Long Steel Post		
16	225 L.F.	Beam Guardrail Type 31, 9 Ft. Long Wood Post		
17	25 L.F.	Beam Guardrail Type 31, 9 Ft. Long Steel Post		
18	25 L.F.	Beam Guardrail Type 31, 11 Ft. Long Wood Post		
19	25 L.F.	Beam Guardrail Type 31, 11 Ft. Long Steel Post		
20	50 Each	Beam Guardrail Type 31 Non-Flared TL-2 Terminal		
21	1 Each	Beam Guardrail Type 31 Non-Flared TL-3 Terminal		
22	1 Each	Beam Guardrail Anchor Type 1		
23	1 Each	Beam Guardrail Anchor Type 10		
24	1 Each	Beam Guardrail Non-Flared TL-2 Terminal		
25	1 Each	Beam Guardrail Non-Flared TL-3 Terminal		
26	625 L.F.	Raising Existing Beam Guardrail		
27	1000 L.F.	Removing Guardrail		
28	90 Each	Beam Guardrail 6 Ft. Long Wood Post		
29	5 Each	Beam Guardrail 8 Ft. Long Wood Post		
30	5 Each	Beam Guardrail 9 Ft. Long Wood Post		
31	25 Each	Beam Guardrail Block		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
32	750 L.F.	Beam Guardrail Rail Element (W Beam)		
33	35 L.F.	Beam Guardrail Rail Element (Thrie Beam)		

SUBTOTAL SCHEDULE A COWLITZ COUNTY COSTS\$ _____

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
SCHEDULE B – REPAIRS TO CITY OF CASTLE ROCK OWNED GUARDRAIL				
34	Force Account	Miscellaneous Construction	2,500.00	2,500.00
35	1 Each	Mobilization		
36	32 Hours	Flaggers		
37	Lump Sum	Other Temporary Traffic Control		
38	150 L.F.	Beam Guardrail Type 31, 6 Ft. Long Wood Post		
39	25 L.F.	Beam Guardrail Type 31, 8 Ft. Long Wood Post		
40	25 L.F.	Beam Guardrail Type 31, 9 Ft. Long Wood Post		
41	150 L.F.	Beam Guardrail Type 31, 11 Ft. Long Wood Post		
42	2 Each	Beam Guardrail Type 31 Non-Flared Terminal TL-2		
43	5 Each	Beam Guardrail 6 Ft. Long Wood Post		
44	5 Each	Beam Guardrail 8 Ft. Long Wood Post		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
45	5 Each	Beam Guardrail 9 Ft. Long Wood Post		

SUBTOTAL SCHEDULE B CITY OF CASTLE ROCK COSTS\$ _____

PROPOSAL COST SUMMARY:

SUBTOTAL SCHEDULE A COWLITZ COUNTY COSTS\$ _____

SUBTOTAL SCHEDULE B CITY OF CASTLE ROCK COSTS\$ _____

TOTAL COST\$ _____

Addenda. The bidder acknowledges receipt of the following addenda: _____, _____, _____, _____, and _____. (Insert numbers of any addenda received.)

Non-Collusion. Each bidder must submit a declaration of non-collusion completely executed with their bid. Reasonable grounds for believing that any bidder(s) have engaged, either directly or indirectly, into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with this bid will cause rejection of all proposals which said bidder(s) has shown interest, and none of the participants to such direct or indirect actions will be considered.

The person(s) signing this bid on behalf of the bidder declare(s) under penalty of perjury under the laws of the United States and the State of Washington that this bidder has 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 this bid.

Date

Signature of Person Authorized to Bind Bidder

Bidder's Business Name

Title of Person Signing Bid

Signed in _____, Washington

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

NON-COLLUSION DECLARATION

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

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

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

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

DOT Form 272-036I EF
07/2011



Proposal for Incorporating Recycled Materials into the Project

In compliance with a new law that went into effect January 1, 2016 (SHB1695), the Bidder shall propose below, the total percent of construction aggregate and concrete materials to be incorporated into the Project that are recycled materials. Calculated percentages must be within the amounts allowed in Section 9-03.21(1)E, Table on Maximum Allowable Percent (By Weight) of Recycled Material, of the Standard Specifications.

Proposed total percentage: _____percent.

Note: Use of recycled materials is highly encouraged within the limits shown above, but does not constitute a Bidder Preference, and will not affect the determination of award, unless two or more lowest responsive Bid totals are exactly equal, in which case proposed recycling percentages will be used as a tie-breaker, per the APWA GSP in Section 1-03.1 of the Special Provisions. Regardless, the Bidder's stated proposed percentages will become a goal the Contractor should do its best to accomplish. Bidders will be required to report on recycled materials actually incorporated into the Project, in accordance with the APWA GSP in Section 1-06.6 of the Special Provisions.

Bidder: _____

Signature of Authorized Official: _____

Date: _____

BID DEPOSIT FORM

2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT

Name of Project

Name of Bidder

The bidder named above hereby submits its bid deposit in the form of a certified check, cashier's check, cash or bid bond in the amount of \$_____, which amount is not less than five (5) percent of the total bid.

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, That we, _____, as Principal and _____, a corporation duly organized under the laws of the state of _____, and authorized to do business in the State of Washington, as Surety, are held and firmly bound unto Cowlitz County as Obligee, in the full and penal sum of five (5) percent of the total amount of the bid proposal of said Principal for the work hereinafter described, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, by these presents.

The condition of this bond is such, that whereas the Principal herein is herewith submitting his or its sealed proposal for the following public works project, to wit:

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

NOW, THEREFORE, if the said proposal bid by said Principal be accepted, and the contract be awarded to said Principal, and if the said Principal shall duly make and enter into and execute said contract and shall furnish bond as required by the contract documents within a period of ten (10) days from and after said award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall be and remain in full force and effect.

SIGNED AND SEALED this _____ day of _____, 2024.

Name of Bidder

Name of Surety

Authorized Signature

Authorized Signature*

Title

Title

Date

* Attach Power of Attorney

E-VERIFY DECLARATION

2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT
Cowlitz County Project No. 2216

Firm Name: _____

The undersigned declares, under **penalty of perjury** under the laws of Washington that:

1. That the above-named firm is currently enrolled in and using the E-Verify system implemented on October 25, 2011 as outlined in Resolution No. 11-118 and will continue to use the E-Verify system for so long as work is being performed on the above named project.
2. I certify that I am duly authorized to sign this declaration on behalf of the above-named bidder/proposer.
3. I acknowledge that Cowlitz County reserves the right to require a copy of the Memorandum of Understanding between the contractor listed above and the Department of Homeland Security certifying enrollment in the E-Verify program at any time. Failure to provide the required Memorandum of Understanding within 10 days of the request could lead to suspension of this contract.

Dated at _____, State of _____ on this _____ day of _____, 2024.

Signature _____

Printed Name _____

THIS PAGE MUST BE RETURNED WITH THE BID DOCUMENTS

COMPLIANCE WITH WAGE PAYMENT LAWS DECLARATION

2024 UNIT PRICE GUARDRAIL AND REPAIR PROJECT

Cowlitz County Project No. 2216

Firm Name: _____

1. The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date November 12, 2024, the bidder is not a “willful” violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.
2. I certify that I am duly authorized to sign this declaration on behalf of the above-named bidder/proposer.
3. I acknowledge that Cowlitz County is required to receive this declaration as a condition to awarding the public works contract pursuant to RCW 39.04.350.

The undersigned declares, under penalty of perjury under the laws of Washington that the foregoing is true and correct.

Signed and dated at _____, in State of _____, on this _____ day of _____ 2024.

Signature _____

Printed Name _____

THIS PAGE MUST BE RETURNED BEFORE THE PUBLIC WORKS CONTRACT CAN BE AWARDED

AGREEMENT

THIS AGREEMENT is entered into between **COWLITZ COUNTY** and _____
_____ ("Contractor") for the following
project: **2024 Unit Price Guardrail Installation and Repair** ("the Project").

The Parties Agree as Follows:

1. Acceptance of Bid Proposal. Cowlitz County accepts Contractor's bid proposal for the Project. Such acceptance is limited to the following items of the bid proposal: **1-45.**

2. Contractor to Accomplish Project. Contractor shall do all work and furnish all labor, materials, equipment, tools, services, and incidentals necessary to accomplish the Project in strict compliance with the contract documents.

3. Contract Amount. Cowlitz County shall pay Contractor in accordance with the contract documents, based on the unit prices and lump sums stated in the Proposal Form. The total contract amount for the Project shall not exceed \$ _____, including sales taxes.

4. Contract Documents. (a) This Agreement shall be governed by and incorporates by reference the **2024** Standard Specifications for Road, Bridge, and Municipal Construction, by the Washington State Department of Transportation and the American Public Works Association, Washington State Chapter (the "Standard Specifications"). All provisions of the Standard Specifications apply unless specifically modified herein. (b) The contract documents constitute the parties' entire and integrated agreement concerning the Project, and supersede all prior and contemporaneous negotiations, representations, or agreements, both written and oral.

5. Contractor Registration. By submitting a bid, each bidder warrants that it is currently a registered contractor in accordance with RCW 18.27. Continuous registration throughout the performance of the project is a requirement of the contract. The bidder shall promptly furnish proof of registration whenever requested.

6. Performance of Work. (a) The Contractor warrants that all work performed shall be free from defects in material and workmanship, shall conform to the contract documents, and shall be fit for Cowlitz County's intended purposes. If the Engineer determines that the work or any portion thereof fails to conform to the foregoing warranty, the Engineer shall give the Contractor written notice thereof and the Contractor shall then take corrective action as directed by the Engineer. The purpose of the corrective action will be to remedy all nonconforming work and any damage caused by the nonconforming work. The Contractor shall begin the repair or replacement within 10 days after

receiving the notice, and shall complete the work within such reasonable time as determined by the Engineer. If the Contractor fails to carry out the corrective action as required by this section, Cowlitz County may perform the corrective action with its own resources or by contract, and the Contractor shall pay all the costs thereof.

(b) If other provisions of the contract documents contain different performance requirements, the more stringent requirements shall apply.

(c) No inspection, acceptance, use, or occupancy of the work, or payment for the work, shall relieve the Contractor from its responsibilities.

(d) The Contractor warrants good title to all materials, supplies, and equipment incorporated into the work.

7. Uniformity of Equipment and Materials. Like items of equipment and materials to be incorporated into the work shall be products of one manufacturer.

8. Substitution of "Equal" Products. Unless otherwise provided, any reference in the contract documents to any product by a brand name, model, or catalog number shall be understood as establishing a standard of quality, and products equal in quality may be substituted if approved in advance by the Engineer. If the Contractor wishes to propose a substitution, it shall submit a written proposal in a form approved by the County, warranting and guaranteeing the substitute product will be, including but not limited to, at least equal to or better than the specified product in terms of quality, function, performance, compatibility and reliability, to the Engineer, whose decision shall be final. The proposal shall identify the proposed substitute product, and the Contractor shall upon request and at its expense furnish the Engineer with such detailed specifications, test results, and other data as are helpful to the Engineer. The Engineer will not consider any proposed substitution if there is inadequate time available to fully evaluate the proposal. If the Engineer approves a substitution proposed by the Contractor, it is understood that such approval is in reliance upon the Contractor's written warranty and guarantee the substitute product to be, including but not limited to, at least equal to or better than the specified product in terms of quality, function, performance, compatibility and reliability. There will be no additional compensation or extensions to the time for completion. If the installation, application or performance of the substitute product is not equal to the specified product, the Engineer may direct the Contractor to remove the substitute product and replace it with the specified product, and to remedy any damage and delay caused by the use of the substitute product, all at the Contractor's expense. The County has a right to a deductive Change Order if the substituted product proves less costly than the contractually required product. (Delete highlighted sections for federal aid projects)

9. Utilities. The Contractor shall comply with the provisions of RCW 19.122, Standard Specification 1-07.17, and this paragraph. The telephone number of the Cowlitz County Utilities Coordinating Council is (800) 424-5555. The Special Provisions and/or contract plans identify all underground facilities known by Cowlitz County to be located within the area of excavation required as part of the work. Locations and dimensions shown in the Special Provisions or on the plans are in

accordance with available information without uncovering, measuring, or other verification. If a utility is known or suspected of having underground facilities within the area of the excavation, and that utility is not a subscriber to the Cowlitz County Utilities Coordinating Council, the Contractor shall give individual notice to that utility.

10. Prevailing Wages and E-Verify. The Contractor shall pay no less than the State prevailing wage rates contained in the contract documents. Prevailing wage rates for the Unit Price Contract must be the prevailing wage rate in effect at the beginning of the Contract and must have prevailing wage rates updated annually. The Contractor shall pay all fees required by the Department of Labor and Industries in connection with the administration of the prevailing wage requirements. No increase in prevailing wage rates or fringe benefits shall be grounds for any additional compensation to the Contractor. Intents and affidavits for prevailing wage rates paid must be submitted annually for all work completed within the previous twelve-month period of the Unit Price Contract.

Cowlitz County requires that all businesses which contract with the County for contracts awarded by formal competitive procedures be enrolled in the Federal E-Verify Program. The requirement extends to every subcontractor meeting the same criteria. The Prime Contractor must provide certification of enrollment with bid submittal. The Prime Contractor is responsible for verification of every applicable subcontractor. Cowlitz County reserves the right to require a copy of a Memorandum of Understanding between the Prime or any Subcontractor and Department of Homeland Security upon request at any time during the project verifying the contractor's enrollment. Failure to provide this document could result in suspension of the project.

A copy of Resolution No. 11-118 is available at the Offices of the Board of County Commissioners. Federal E-Verify Program is a web-based application that can be accessed at www.dhs.gov/everify.

11. Air Pollution Regulations. The Southwest Washington Air Pollution Control Authority has adopted regulations to control the emission of contaminants into the air by sources within the Authority's jurisdiction, which includes Cowlitz County. The Contractor shall comply with all regulations and orders of such Authority.

12. Shoring. If in the performance of this contract, the Contractor or any subcontractor excavates any trench to a depth in excess of four feet, the Contractor shall provide adequate safety systems for the trench excavation that comply with the requirements of the Washington Industrial Safety and Health Act, RCW 39.04.180, and with all regulations thereunder. It is not anticipated that any excavation 4-feet or more in depth will be required for completion of the Work under this contract. Therefore, no bid item for trench safety systems is included in the bidder's proposal. In the event in the performance of the contract the Engineer directs excavation such that shoring or extra excavation is required as determined by the Engineer, payment to the Contractor for such work will be made in accordance with Standard Specifications Section 1-04.4.

13. Worker's Benefits. The following is added at the end of Standard Specification 1-07.10: Notwithstanding the provisions of the preceding paragraphs, Contractor shall remain at all times liable for payment of any and all premiums due under Title 50 or Title 51 RCW, or any other employee benefit act, with respect to all work performed by Contractor or any subcontractor pursuant to this contract. Contractor shall indemnify, defend and hold Cowlitz County harmless from and against any claim or demand for payment of such premiums. The Contractor's responsibilities under this section shall survive the termination or completion of the contract and/or any release of retainage with respect to the contract. These waivers by the Contractor are a material inducement to County to enter into this contract, are reflected in Contractor's compensation, and have been mutually negotiated by the parties.

**BOARD OF COUNTY COMMISSIONERS
OF COWLITZ COUNTY, WASHINGTON**

Richard R. Dahl, Chairman

Name of Contractor

Arne Mortensen, Commissioner

Signatory Authorized by Firm Bylaws
to Bind Contractor

Dennis P. Weber, Commissioner

Title

ATTEST:

Kelly Grayson, Clerk of the Board

Date

Date

Washington Contractor's Registration Number

APPROVED AS TO FORM:

Civil Deputy Prosecuting Attorney

[Executed copies shall be delivered each to County, Contractor, Surety and Insurance Company]

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that the undersigned Contractor and Surety, a corporation, organized and existing under and by virtue of the laws of the State of Washington, are jointly and severally obligated to Cowlitz County, State of Washington, in the penal sum of \$ _____, for the payment of which sum we jointly and severally bind ourselves and our heirs, executors, administrators, and assigns, and successors and assigns, firmly in accordance with the following provisions:

The Contractor has entered into or is about to enter into a contract with Cowlitz County for the following project: **2024 UNIT PRICE GUARDRAIL INSTALLATION AND REPAIR PROJECT.**

Now, if the Contractor fully and timely performs all terms, conditions and requirements of the contract in all respects, including all warranty provisions; and pays all laborers, mechanics, subcontractors, and materialmen, and all persons who supply such person or persons, or subcontractors, with provisions and supplies for the above project; and defends and indemnifies Cowlitz County against any direct or indirect loss, damage, liability, judgments, and costs, to the extent required by the contract; then this obligation shall be void; otherwise it shall remain in full force and effect.

Provided, however, that the conditions of this obligation shall not apply to any money loaned or advanced to the Contractor or to any subcontractor or other person in the performance of any such work.

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 Contractor shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

Any judgment against Cowlitz County that relates to or is covered by the contract or this bond shall be conclusive against the Contractor and the Surety, not only as to the amount of damages but also as to their liability if reasonable notice of the pendency of the suit has been given.

Name of Contractor

Name of Surety

Authorized Signature

Authorized Signature*

Title

Title

Date

Date

* Attach Power of Attorney

SPECIAL PROVISIONS

INTRODUCTION TO THE SPECIAL PROVISIONS

(January 4, 2024 APWA GSP, Option A)

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2024 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

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

The GSPs are labeled under the headers of each GSP, with the effective date of the GSP and its source. For example:

(March 8, 2013 APWA GSP)

(April 1, 2013 WSDOT GSP)

Project specific special provisions are labeled without a date as such:

*(*****)*

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any
- *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT Manual M21-01, current edition

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

**- DIVISION 1 -
GENERAL REQUIREMENTS**

DESCRIPTION OF WORK

(March 13, 1995)

This contract provides for the improvement of ***Installation and repair of guardrail, guardrail terminals and end treatments on a UNIT PRICE basis for new guardrail installation and damage to guardrail that may occur within the next year, and other work. At the County's sole discretion, the County, the County may extend or renew the UNIT PRICE contract for one additional year by giving the bidder awarded the contract written notice 30 days prior to the contract one-year expiration date*** and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

(*****)

Appendices. The following appendices are hereby provided for the Contractor's information:

- Appendix A – Standard Plans**
- Appendix B – Known Repair Locations**

1-01.3 Definitions

(January 19, 2022 APWA GSP)

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

Dates

Bid Opening Date

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

Award Date

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

Contract Execution Date

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

Notice to Proceed Date

The date stated in the Notice to Proceed on which the Contract time begins for each Unit Price repair. Separate Notice to Proceeds will be issued for Unit Price work. It is estimated that TWO Notice to Proceeds will be issued for Unit Price work within the first year of the UNIT PRICE contract.

Substantial Completion Date

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

Physical Completion Date

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

Completion Date

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

Final Acceptance Date

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

Supplement this Section with the following:

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

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

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

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

Additive

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

Alternate

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

Business Day

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

Contract Bond

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

Contract Documents

See definition for "Contract".

Contract Time

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

Notice of Award

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

Notice to Proceed

The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the Work and establishing the date on which the Contract time begins. Separate Notice to Proceeds will be issued for the Unit Price work, as the need arises. It is estimated that TWO Notice to Proceeds will be issued for Unit Price work within the first year of the UNIT PRICE contract.

Traffic

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

(*****)

"Contracting Agency" means Cowlitz County.

"Engineer" or "Project Engineer" means the Cowlitz County Engineer.

"Secretary" or "Secretary of Transportation" means the Board of County Commissioners of Cowlitz County.

"State" or "State of Washington" means Cowlitz County, except when referring to state departments other than the department of transportation, and except when referring to state publications, laws, etc.

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
Contract Provisions	2	Furnished automatically upon award.

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

1-02.5 Proposal Forms

(July 31, 2017 APWA GSP)

Delete this section and replace it with the following:

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

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

1-02.6 Preparation of Proposal

Section 1-02.6 is supplemented with the following:

(November 20, 2023)

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

1-02.6 Preparation of Proposal

(January 4, 2024 APWA GSP 1-02.6, Option B)

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:

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 DBE 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 DBE requirements are to be satisfied through such an agreement.

Add the following new section:

1-02.6(1) Recycled Materials Proposal

(January 4, 2016 APWA GSP)

The Bidder shall submit with the Bid, its proposal for incorporating recycled materials into the project, using the form provided in the Contract Provisions.

1-02.9 Delivery of Proposal

(July 8, 2024 APWA GSP Option B)

Delete this section and replace it with the following:

General

Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in the

Bid Documents, to ensure proper handling and delivery.

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

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

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 recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.

(*****)

1-02.12 Public Opening of Proposal

Section 1-02.12 is supplemented with the following:

Date Of Opening Bids

Sealed bids are to be received at the following location prior to the time specified in the CALL FOR BIDS:

Board of County Commissioners
Attn: Clerk of the Board
County Administration Building
207 Fourth Avenue North, 3rd Floor
Kelso, WA 98626

1-02.13 Irregular Proposals
(January 4, 2024 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 Bidder adds provisions reserving the right to reject or accept the Award, or enter into the Contract;
 - c. A price per unit cannot be determined from the Bid Proposal;
 - d. The Proposal form is not properly executed;
 - e. The Bidder fails to submit or properly complete a subcontractor list (WSDOT Form 271-015), if applicable, as required in Section 1-02.6;
 - f. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification (WSDOT Form 272-056), if applicable, as required in Section 1-02.6;
 - g. The Bidder fails to submit Written Confirmations (WSDOT Form 422-031) from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidder's DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
 - h. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award in accordance with Section 1-07.11;
 - i. The Bidder fails to submit a DBE Bid Item Breakdown (WSDOT Form 272-054), if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
 - j. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation.

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. The authorized Proposal Form furnished by the Contracting Agency is not used or is altered;
 - d. The completed Proposal form contains unauthorized additions, deletions, alternate Bids, or conditions;
 - e. Receipt of Addenda is not acknowledged;
 - f. 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

g. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders

(May 17, 2018 APWA GSP, Option A)

Delete this section and replace it with the following:

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

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

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

1-02.15 Pre-Award Information

(December 30, 2022 APWA GSP)

Revise this section to read:

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

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

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

(December 30, 2022 APWA GSP)

Revise the first paragraph to read:

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

1-03.1(1) Identical Bid Totals

(December 30, 2022 APWA GSP)

Revise this section to read:

After opening Bids, if two or more lowest responsive Bid totals are exactly equal, then the tie-breaker will be the Bidder with an equal lowest bid, that proposed to use the highest percentage of recycled materials in the Project, per the form submitted with the Bid Proposal. If those percentages are also exactly equal, then the tie-breaker will be determined by drawing as follows: Two or more slips of paper will be marked as follows: one marked "Winner" and the other(s) marked "unsuccessful". The slips will be folded to make the marking unseen. The slips will be placed inside a box. One authorized representative of each Bidder shall draw a slip from the box. Bidders shall draw in alphabetic order by the name of the firm as registered with the Washington State Department of Licensing. The slips shall be unfolded and the firm with the slip marked "Winner" will be determined to be the successful Bidder and eligible for Award of the Contract. Only those Bidders who submitted a Bid total that is exactly equal to the lowest responsive Bid, and with a proposed recycled materials percentage that is exactly equal to the highest proposed recycled materials amount, are eligible to draw.

1-03.4 Contract Bond

(July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

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

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:

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

1-03.7 Judicial Review

(December 30, 2022 APWA GSP)

Revise this section to read:

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

1-04 SCOPE OF THE WORK

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

(December 30, 2022 APWA GSP)

Revise the second paragraph to read:

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

1. Addenda,
2. Proposal Form,

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

(*****)

Interpretation of Contract Documents. The Contractor shall provide any work or materials clearly implied in the contract even if the contract documents do not mention it specifically. If the contract documents use words that are not defined therein but have a commonly accepted technical or trade meaning, the words shall be understood in accordance with that meaning.

1-04.4 Changes

(January 19, 2022 APWA GSP)

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

1-04.6 Variation in Estimated Quantities

(*****)

Supplement this section with the following:

The quantities that are entered into the Proposal are only to provide a common proposal for bidders. Actual quantities will be determined in the field as the work progresses, and will be paid at the original bid price, regardless of final quantity. Bid items shall not be subject to the provisions of 1-04.6 of the Standard Specifications.

1-05 CONTROL OF WORK

1-05.1 Authority of The Engineer

Section 1-05.1 is supplemented with the following:

(*****)

Additional Directions from Engineer. If the Engineer determines that the provisions in the contract documents are not sufficiently clear to permit the Contractor to proceed with the work, the Engineer shall, either on his own or upon written request from the Contractor, furnish such additional written directions as he deems appropriate. When the Contractor makes such a request, it must do so in writing and must allow ample time to permit the Engineer to review the request and prepare any additional directions before the Contractor begins any work affected by the request. Any additional directions issued by the Engineer shall not be inconsistent with the contract documents and shall have the same force and effect as if contained in the contract documents.

1-05.7 Removal of Defective and Unauthorized Work

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

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

1-05.11 Final Inspection

Delete this section and replace it with the following:

1-05.11 Final Inspections and Operational Testing

(October 1, 2005 APWA GSP)

1-05.11(1) Substantial Completion Date

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

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

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

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

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

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

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

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

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

1-05.11(3) Operational Testing

It is the intent of the Contracting Agency to have at the Physical Completion Date a complete and operable system. Therefore, when the work involves the installation of machinery or other mechanical equipment; street lighting, electrical distribution or signal systems; irrigation systems; buildings; or other similar work it may be desirable for the Engineer to have the Contractor operate and test the work for a period of time after final inspection but prior to the physical completion date. Whenever items of

work are listed in the Contract Provisions for operational testing, they shall be fully tested under operating conditions for the time period specified to ensure their acceptability prior to the Physical Completion Date. During and following the test period, the Contractor shall correct any items of workmanship, materials, or equipment which prove faulty, or that are not in first class operating condition. Equipment, electrical controls, meters, or other devices and equipment to be tested during this period shall be tested under the observation of the Engineer, so that the Engineer may determine their suitability for the purpose for which they were installed. The Physical Completion Date cannot be established until testing and corrections have been completed to the satisfaction of the Engineer.

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

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

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

Add the following new section:

1-05.16 Water and Power

(October 1, 2005 APWA GSP)

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

1-06 CONTROL OF MATERIAL

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.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws To Be Observed

Section 1-07.1 is supplemented with the following:

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

1-07.2 State Sales Tax

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

1-07.2 State Sales Tax

(June 27, 2011 APWA GSP)

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

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

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

1-07.2(1) State Sales Tax — Rule 171

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

1-07.2(2) State Sales Tax — Rule 170

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

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

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

1-07.2(3) Services

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

1-07.7 Load Limits

Section 1-07.7 is supplemented with the following:

(March 13, 1995)

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

1-07.13 Contractor's Responsibility for Work

(*****)

1-07.13(4) Repair of Damage

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

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

(*****)

1-07.14 Responsibility for Damage

Section 1-07.14 is supplemented with the following:

Indemnification. References in Standard Specification 1-07.14 to the Contractor's "agents" shall be understood to include the Contractor's subcontractors. The Contractor's responsibilities under Standard Specification 1-07.14 shall survive the termination or completion of the contract.

(*****)

1-07.16(1)B Contracting Agency Property

Section 1-07.16(1)B is supplemented with the following:

The Contractor is allowed to use County Public Works shops for nonworking hours storage of equipment and materials. The Longview Shop is located at 5715 Ocean Beach Highway, Longview, WA, the Castle Rock Shop is located at 111 Gassman Road, Castle Rock, WA, the Kalama Shop is located at 1736 South Cloverdale Road, Kalama, WA, and the Kelso/Central Shop is located at 2215 Talley Way, Kelso, WA. The Contractor shall coordinate access and storage location with the project inspector and the shop supervisor.

Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

(April 2, 2007)

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

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

****Power:** Cowlitz Public Utility District
961 12th Avenue
Longview, Washington 98632
(360) 577-7546

Gas: Cascade Natural Gas
2688 Coweeman Park Dr.
Kelso, Washington 98626
(888) 522-1130

Nippon Dynawave Packaging Company
3401 Industrial Way
Longview, Washington 98632
(360) 425-2150

Telephone: Lumen Technologies
4501 NE Minnehaha St
Bldg II
Vancouver, WA 98661
(564) 888-2024

Kalama Telephone
PO Box 1068
Kalama, Washington 98625
(360) 673-2764

Sprint Communications
2210 S. 35th Street
Tacoma, WA 98409
(360) 402-4159

Ziplay Fiber
354 S. 4th St.
P.O. Box 535
Coos Bay, OR. 97420
(503) 626-3270

Water/Sewer: City of Kelso
PO Box 819
Kelso, Washington 98626
(360) 423-6590

Water/Sewer: Cowlitz County Public Works (includes Leachate Pipeline)
1600 – 13th Avenue South
Kelso, Washington 98625
(360) 577-3030

City of Longview
Utility Operations Center
1460 Industrial Way
Longview, Washington 98632
(360) 442-5700

City of Kalama
6300 Old Pacific Highway South
Kalama, Washington 98625
(360) 673-3706

Beacon Hill Sewer District
1121 Westside Highway
Kelso, Washington 98626
(360) 636-3860

City of Castle Rock
Dave Vorse
360" A" Street
Castle Rock, Washington 98611
(360) 274-7478

Fiber Optic: Cascade Networks
1111 11th Avenue
Longview, WA 98632-3109
(360) 414-5990

Lumen Technologies
4501 NE Minnehaha St
Bldg II
Vancouver, WA 98661
(564) 888-2024

AT&T
11241 Willows Road NE Suite 130
Redmond, WA 98052

Zayo Fiber Solutions
2101 4th Avenue, Suite 2000
Seattle, Washington 98121
(702) 755-1143

Cable: Comcast
6916 NE 40th Street
Vancouver, WA 98661
(360) 891-3204**

(*****)

The above are all the utilities known by the County to be within the location of the planned excavation or project area. With respect to any utilities other than those identified above, which are not known to the County, the Contractor shall bear full responsibility. Additionally, the Contractor shall take all steps required to comply with RCW Chapter 19.122. Once marked by the owner of the underground facility, the Contractor is responsible for maintaining the markings, per RCW 19.122.030.

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

(December 30, 2022 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 extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.

- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.
- F. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
- H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract and no additional payment will be made.

1-07.18(2) Additional Insured

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

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

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

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

1-07.18(3) Subcontractors

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

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

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

1-07.18(4) Verification of Coverage

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

Verification of coverage shall include:

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

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

1-07.18(5) Coverages and Limits

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

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

1-07.18(5)A Commercial General Liability

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

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

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

Such policy must provide the following minimum limits:

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

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

\$1,000,000	Combined single limit each accident
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1-07.18(5)C Workers' Compensation

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

1-07.23 Public Convenience And Safety

1-07.23(1) Construction Under Traffic

The second paragraph of Section 1-07.23(1) is supplemented with the following:

(*****)

The Contractor shall limit the total delay to the public, to a maximum of *** 20 *** minutes, during travel through the project. If the delay becomes greater than *** 20 *** minutes, the Contractor shall immediately begin to take action to cease the operations that are causing the delays. If the *** 20 *** minute delay limit has been exceeded, as determined by the Engineer, the Contractor shall provide to the Engineer, a written proposal to revise his work operations to meet the *** 20 *** minute limit. This proposal shall be approved by the Engineer prior to resuming any work requiring traffic control.

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.

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

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

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

1-08 PROSECUTION AND PROGRESS

Add the following new section:

1-08.0 Preliminary Matters

(May 25, 2006 APWA GSP)

Add the following new section:

1-08.0(1) Preconstruction Conference

(July 8, 2024 APWA GSP)

Prior to the Contractor beginning the work, a preconstruction conference will be held between the

Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To review DBE Requirements, Training Plans, and Apprenticeship Plans, when applicable.
5. To establish normal working hours for the work;
6. To review safety standards and traffic control; and
7. 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 10 am prior to the day(s) the Contractor is requesting to change the hours.

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

1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times. (The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab;

inspectors; and other Contracting Agency employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)

2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non-working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll.

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

(May 25, 2006 APWA GSP;

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

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

1-08.1 Subcontracting

Section 1-08.1 is supplemented with the following:

(*****)

The Contractor shall ensure that each subcontractor (in any tier) agrees in writing to: (a) perform its work in strict compliance with these contract documents; and (b) defend, indemnify, and hold harmless Cowlitz County (and its officials, employees, and agents) from claims and liabilities arising from the subcontractor's acts and omissions, to the same extent provided in Standard Specification 1-07.14 for the Contractor. Upon request, the Contractor will promptly provide the Engineer with a copy of any subcontract.

The Contractor shall include the language of this section in each of its first tier subcontracts, and shall require each of its subcontractors to include the same language of this section in each of their subcontracts, adjusting only as necessary the terms used for the contracting parties. Upon request of the Owner, the Contractor shall promptly provide documentation to the Owner demonstrating that the subcontractor meets the subcontractor responsibility criteria below. The requirements of this section apply to all subcontractors regardless of tier.

At the time of subcontract execution, the Contractor shall verify that each of its first tier subcontractors meets the following bidder responsibility criteria:

1. Have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of subcontract bid submittal;
2. Have a current Washington Unified Business Identifier (UBI) number;
3. If applicable, have:
 - a. Have Industrial Insurance (workers' compensation) coverage for the subcontractor's employees working in Washington, as required in Title 51 RCW;
 - b. A Washington Employment Security Department number, as required in Title 50 RCW;
 - c. A Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
 - d. An electrical contractor license, if required by Chapter 19.28 RCW;
 - e. An elevator contractor license, if required by Chapter 70.87 RCW.
4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065 (3).

1-08.3 Progress Schedule.

Add the following to Section 1-08.3:

(*****)

A critical path schedule shall be submitted by the Contractor for review and approval by the Engineer prior to the preconstruction meeting. Work shall not begin until the critical path schedule is approved. Any deviation from the approved critical path must be submitted to the Engineer with a modified critical path schedule two (2) working days prior to the proposed deviation. Approval must be received from the Engineer prior to proceeding with the deviation. Costs for the critical path schedule shall be included in the bid items of this contract and will not be paid for individually.

1-08.4 Prosecution of Work

Section 1-08.4 is supplemented with the following:

(*****)

Work Assignments will be issued by separate Notice to Proceeds. The work shall begin within twenty (20) calendar days from the date of the notice to proceed.

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(*****)

The number of working days and the date of physical completion for the Unit Price Contract shall be established at the time of each notice to proceed.

1-08.9 Liquidated Damages

(March 3, 2021 APWA GSP, Option B)

Revise the second and third paragraphs to read:

Accordingly, the Contractor agrees:

1. To pay (according to the following formula) liquidated damages for each working day beyond the number of working days established for Physical Completion, and
2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due to the Contractor.

Liquidated Damages Formula

$$LD=0.15C/T$$

Where:

LD = liquidated damages per working day (rounded to the nearest dollar)

C = original Contract amount

T = original time for Physical Completion

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

1-09 MEASUREMENT AND PAYMENT

1-09.6 Force Account

(December 30, 2022 APWA GSP)

Supplement this section with the following:

1-09.9 Payments

(July 8, 2024, APWA GSP, Option B)

Delete the fourth paragraph and replace it with the following:

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 payment. The progress estimates are subject to change at any time prior to the calculation of the Final Payment.

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

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

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

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

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

(March 13, 2012 APWA GSP)

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.

Section 1-09.9 is supplemented with the following:

(*****)

Partial Payments. Partial payments shall be made once each month, based on estimates prepared by the Engineer. The Contractor shall prepare a document detailing work and labor performed and material furnished during each calendar month, and shall deliver the document to the Engineer by the fifth day of the following month. The documentation shall be in a format prescribed by the Engineer. If the Contractor's documentation is timely submitted, the County Auditor will issue a warrant payable to

the Contractor on the last working day of the month, based on the estimate prepared by the Engineer.

1-09.11(3) Time Limitation and Jurisdiction

(December 30, 2022 APWA GSP)

Revise this section to read:

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

1-09.13(3)A Arbitration General

(January 19, 2022 APWA GSP)

Revise the third paragraph to read:

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

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2 Traffic Control Management

Section 1-10.2 is supplemented with the following:

(November 2, 2022)

Work Zone Safety Contingency

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

Enhancements do not include the use of Uniformed Police Officers or WSP, address changes to the allowed work hour restrictions, or changes to the staging plans in the Contract (if applicable). If allowed

by the Engineer, these items will be addressed in accordance with Section 1-04.4.

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

General

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

(October 3, 2022)

The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust
27055 Ohio Ave.
Kingston, WA 98346
(360) 297-3035
<https://www.nwlett.edu>

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

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

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

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

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

1-10.3 Traffic Control Labor, Procedures, and Devices

1-10.3(3)A Construction Signs

(*****)

The first paragraph of Section 1-10.3(3)A is revised to read as follows:

All signs required by the approved traffic control plan(s) as well as any other appropriate signs prescribed by the Engineer shall be furnished by the Contractor. The Contractor shall provide the posts or supports and erect and maintain the signs in a clean, neat, and presentable condition until the necessity for them has ceased. When the need for these signs has ceased, the Contractor, upon approval of the Engineer, shall remove all signs, posts, and supports from the project and they shall remain the property of the Contractor. There shall be no intermixing of signs with non-fluorescent orange reflective sign sheeting and signs with fluorescent orange reflective sign sheeting on the same signpost.

The third paragraph of Section 1-10.3(3)A is supplemented with the following:

The Contractor shall furnish, install, and remove all construction signs and all cones, barricades, flashers, and other traffic control devices of a temporary and portable nature. The Contractor shall maintain all signs and other traffic control devices.

"MOTORCYCLES USE EXTREME CAUTION" signs per W21-1701 of the WSDOT Sign Fabrication Manual shall be supplied by the Contractor if there will be grooved pavement, abrupt lane edges, steel plates or gravel-or-earth surfaced roadways within the project limits. The Contractor shall include the signs in the Traffic Control Plan and install the signs in advance of the work zone and maintain the signs for as long as the above conditions are present. These signs are in addition to any other signs stating the condition of the roadway. MOTORCYCLES USE EXTREME CAUTION" signs shall be considered Class B signs.

The seventh paragraph of Section 1-10.3(3)A is revised to read as follows:

Signs, posts, or supports that are lost, stolen, damaged, destroyed, or which the Engineer deems to be unacceptable while their use is required on the project, shall be replaced by the Contractor without additional compensation.

1-10.4 Measurement (use 1-10.4(2) or 1-10.4(3))

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

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

(August 2, 2004)

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

(*****)

Delete Section 1-10.4(2) and replace with the following:

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

When the Bid Proposal does not contain the item “Project Temporary Traffic Control”, Sections 1-10.4(1) and 1-10.5(1) are deleted and the Bid Proposal will contain some or all of the following items, measured as noted.

“Flaggers” will be measured by the hour. Hours will be measured for each flagging station, shown on an approved Traffic Control Plan, when that station is staffed in accordance with Section 1-10.3(1)A. When a flagging station is staffed on an intermittent basis, no deduction will be made in measured hours provided that the person staffing the station is in a standby mode and is not performing other duties. Hours will also be measured for flaggers performing the duties of setting up and removing traffic control signs and devices before and after the flagging stations are staffed. (Highlighted sentence is used if no bid item for Other temporary Traffic Control)

1-10.5 Payment

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

Add the following to Section 1-10.5(2):

Delete the fifth and sixth paragraphs of Section 1-10.5(2), which begin “Flaggers’, per hour.” and “The unit Contract price...”, respectively, and replace with the following:

(*****)

“Flaggers”, per hour.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work defined in Section 1-10.3(1)A and Section 1-10.3(1)B. Payment for Flaggers shall also include performing the duties of the Traffic Control Supervisor, furnishing, installing and removing construction signs, barricades, flashers, cones, traffic safety drums, and other temporary traffic control devices.

Cowlitz County will not in any event pay for Flaggers at overtime rates unless the Engineer has specifically directed such overtime work.

BID ITEMS UNIT PRICE CONTRACT

This project is for installation of new guardrail and for guardrail repairs anticipated on a recurring basis to meet the operational needs of Cowlitz County. The primary purpose of the contract will be for repair of damaged guardrail. There may be short runs of new guardrail or runs of raising guardrail included. The contractor agrees to a fixed period indefinite quantity delivery at the defined unit prices in their bid proposal. The contract is to last for one year. Cowlitz County has the sole discretion of extending or renewing the unit priced contract for one additional year by giving written notice to the Contractor 30

days prior to this contract's one-year expiration date. Based on Cowlitz County's recent experience, it is anticipated that the successful Contractor will be tasked up to two times within the one-year period to install new guardrail, repair damaged guardrail or raise guardrail. Cowlitz County will issue Notice to Proceed's to initiate the work. Each Notice to Proceed will include estimated quantities and locations and provide the number of working days allowed to complete the work. Work for each Notice to Proceed shall begin within 20 calendar days of the Notice to Proceed date. The estimated quantities in the bid proposal are the anticipated work for a two-year period, and are subject to change. There are no guarantees that Cowlitz County will extend or renew the contract past the initial one-year period. The Contracting Agency reserves the right to revise quantities or delete bid items without adjusting unit prices. The bid quantities for bid items 3 through 31 are approximate and are for the purposes of bidding only. Overruns and underruns in these bid items shall not be cause for adjustment in the unit prices. Extensions of time will be evaluated in accordance with Section 1-08.8.

BID ITEM 1 & 34: MISCELLANEOUS CONSTRUCTION

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 1-09.6, except as modified below.

1-09.6 Force Account

Insert the following paragraph before the first paragraph of Section 1-09.6, which begins "The terms of the contract or of a change order may call...":

The Miscellaneous Construction bid item has been included for any additional work directed by the Engineer that is not required by the original contract. The amount indicated in the proposal for this bid item is to provide a common bid amount. The actual amount paid under this bid item may vary from no payment to the full amount of the bid item.

Add the following to Section 1-09.6:

In lieu of the preceding prescribed method of determining payment for force account work, payment may be made at unit prices or lump sum prices agreed to by the Engineer and the Contractor, prior to beginning the Miscellaneous Construction work.

BID ITEM 2 & 35: MOBILIZATION

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 1-09.7 except as modified below:

Section 1-09.7 is supplemented with the following:

Unit Price Contract Mobilization:

The unit price contract for Mobilization shall be per each for each Notice to Proceed. This will be measured per each callout and shall be paid in accordance with Section 1-09.7, except the original Contract amount referenced in Section 1-09.7 shall be the UNIT PRICE in the bid proposal.

BID ITEM 3 & 36: FLAGGERS

This bid item shall be accomplished in accordance with the Plans and Standard Specification Sections 1-07 and 1-10 and the Special Provisions for Section 1-10.

BID ITEM 4: BEAM GUARDRAIL TYPE 1, 6 FT. LONG WOOD POST

BID ITEM 5: BEAM GUARDRAIL TYPE 1, 6 FT. LONG STEEL POST

BID ITEM 6: BEAM GUARDRAIL TYPE 1, 8 FT LONG WOOD POST

BID ITEM 7: BEAM GUARDRAIL TYPE 1, 8 FT. LONG STEEL POST

BID ITEM 8: BEAM GUARDRAIL TYPE 1, 9 FT. LONG WOOD POST

BID ITEM 9: BEAM GUARDRAIL TYPE 1, 9 FT. LONG STEEL POST

BID ITEM 10: BEAM GUARDRAIL TYPE 1, 11 FT. LONG WOOD POST

BID ITEM 11: BEAM GUARDRAIL TYPE 1, 11 FT. LONG STEEL POST

BID ITEM 12 & 38: BEAM GUARDRAIL TYPE 31, 6 FT. LONG WOOD POST

BID ITEM 13: BEAM GUARDRAIL TYPE 31, 6 FT. LONG STEEL POST

BID ITEM 14 & 39: BEAM GUARDRAIL TYPE 31, 8 FT LONG WOOD POST

BID ITEM 15: BEAM GUARDRAIL TYPE 31, 8 FT. LONG STEEL POST

BID ITEM 16 & 40: BEAM GUARDRAIL TYPE 31, 9 FT LONG WOOD POST

BID ITEM 17: BEAM GUARDRAIL TYPE 31, 9 FT. LONG STEEL POSTS

BID ITEM 18 & 41: BEAM GUARDRAIL TYPE 31, 11 FT. LONG WOOD POST

BID ITEM 19: BEAM GUARDRAIL TYPE 31, 11 FT. LONG STEEL POST

BID ITEM 20 & 42: BEAM GUARDRAIL TYPE 31 NON-FLARED TL-2 TERMINAL

BID ITEM 21: BEAM GUARDRAIL TYPE 31 NON-FLARED TL-3 TERMINAL

BID ITEM 22: BEAM GUARDRAIL ANCHOR TYPE 1

BID ITEM 23: BEAM GUARDRAIL ANCHOR TYPE 10

BID ITEM 24: BEAM GUARDRAIL NON-FLARED TL-2 TERMINAL

BID ITEM 25: BEAM GUARDRAIL NON-FLARED TL-3 TERMINAL

BID ITEM 26: RAISING EXISTING BEAM GUARDRAIL

BID ITEM 27: REMOVING GUARDRAIL

BID ITEM 28 & 43: BEAM GUARDRAIL 6 FT. LONG WOOD POST

BID ITEM 29 & 44: BEAM GUARDRAIL 8 FT. LONG WOOD POST

BID ITEM 30 & 45: BEAM GUARDRAIL 9 FT. LONG WOOD POST

BID ITEM 31: BEAM GUARDRAIL BLOCK

BID ITEM 32: BEAM GUARDRAIL ELEMENT (W BLOCK)

BID ITEM 33: BEAM GUARDRAIL ELEMENT (THRIE BEAM)

BID ITEM 37: OTHER TEMPORARY TRAFFIC CONTROL

These bid items shall be accomplished in accordance with the Plans and Standard Specification Section 8-11, except as modified below.

8-11 GUARDRAIL

8-11.2 Materials

Add the following to Section 8-11.2:

(*****)

Beam Guardrail Flared and Non-Flared Terminals shall be listed on the WSDOT Qualified Product List.

Terminals shall have a TL-2 rating when so specified on the Plans. Otherwise, TL-2 terminals will not be allowed.

8-11.3(1)D) Removing Guardrail and Guardrail Anchor

Add the following to Section 8-11.3(1)D:

(*****)

All guardrail and associated posts, anchors, and terminal sections, as determined salvageable by the Engineer, shall be removed by the Contractor and delivered to the Cowlitz County Central Shop located at **2215 Talley Way, Kelso, Washington 98626**. All guardrail determined to be non-salvageable by the Engineer shall become property of the Contractor to be disposed of off-site in accordance with Section 2-03.3(7)C.

8-11.4 Measurement

Delete paragraph one of Section 8-11.4, which begins, “Measurement of beam guardrail...” and replace with the following:

(*****)

Measurement of beam guardrail and beam guardrail with long posts will be by the linear foot measured along the line of completed guardrail from end to end including Design F end sections for connection to concrete barrier but excluding transition and terminal sections as are covered by other bid items of this contract.

Delete paragraph six of Section 8-11.4, which begins, “Measurement of removal of guardrail will be...” and replace with the following:

(*****)

Measurement of removal of guardrail will be by the linear foot measured along the line of guardrail removed including transition sections, expansion sections, guardrail anchors, and terminal sections.

Add the following to paragraph seven of Section 8-11.4, which begins, “Measurement of removal of guardrail anchors will be...”:

(*****)

Guardrail anchors that are within the limits of removal of guardrail will not be measured, as they are included in the bid item for removal of guardrail.

8-11.5 Payment

(*****)

Delete the fifth sentence of the first paragraph of Section 8-11.5, which begins, “The unit contract price per linear foot...” and replace with the following:

The unit contract price per linear foot for “Beam Guardrail Type____”, “Beam Guardrail Type 1-____ Ft. Long Post”, or “Beam Guardrail Type 31-____ Ft. Long Post” shall include all CRT posts and installation of the guardrail to the posts as specified and indicated on the plans.

(*****)

ESCALATION/DE-ESCALATION: Bid prices shall remain firm for a period of one (1) year from the date of award. The contract prices may be changed after the first year for the following reasons: An increase or decrease in the supplier's cost of materials may be justification for price change; however, this shall not be construed in any way to increase vendor's margin of profit. A written request for price increase must include backup documentation as to the nature of the increase and shall be submitted to the County Engineer at least 60 days prior to the scheduled price increase/decrease or renewal of contract. Approval of each request shall be by written confirmation from the County Engineer. If the County should consider said increase unwarranted or unreasonable, the County reserves the right to terminate the contract with the vendor. Any price decline at the manufacturer's level shall be reflected in an immediate reduction of the contract prices and the vendor shall notify the buyer of said decline.

(September 3, 2024)

Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01, effective September 3, 2024, is made a part of this contract.

The Standard Plans are revised as follows:

A-10.30

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

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

A-40.20

Sheet 1, NOTES 1, 2, 3, and 4 are replaced with the following:

1. Use the ½ inch joint details for bridges with expansion length less than 100 feet and for bridges with L type abutments. Use the 1 inch joint details for other applications.
2. Use detail 5, 6, 7 on steel trusses and timber bridges with concrete bridge deck panels.
3. For details 1, 2, 3, and 4, the item "HMA Joint Seal at Bridge End" shall be used for payment. For details 5 and 6, the item "HMA Joint Seal at Bridge Deck Panel Joint" shall be used for payment. For detail 7, the item "Clean and Seal Bridge Deck Panel Joint" shall be used for payment.

Sheet 2, Detail 8 reference to "6-09.3(6)" is revised to read "6-21.3(7)".

A-50.40

Sheet 1, Plan View: The callout "BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 21 OR TYPE 24 (SEE STANDARD PLAN C-25.20 OR C-25.30)" is revised to read "BEAM GUARDRAIL TYPE 31 TRANSITION

SECTION TYPE 21, 24, OR 25 (SEE STANDARD PLAN C-25.20, C-25.30, OR C-25.32)"

A-60.40

Note 2 reference to "6-09.3(6)" is revised to read "6-21.3(7)".

B-90.40

Valve Detail – DELETED

C-2c

DELETED

C-4f

DELETED

C-20.42

DELETED

C-23.70

Sheet 2, ANCHOR BRACKET ASSEMBLY DETAIL, dimension, "R. 5/16" is revised to read; R. 15/16"
ANCHOR PLATE DETAIL, weld callout (fillet), 1/4" is revised to read; 3/16"

C-81.15

Sheet 1, General Notes, Add Note 7, to read;"7. The concrete class for the moment slab shall be class 4000 typically and class 4000A when the top of the slab is used as the roadway, or sidewalk, surface. The concrete class for the barrier is defined in Standard Specification Section 6-10.3."

C-85.11

On Section B, the callout "3" EXPANDED POLYSTYRENE AROUND COLUMN (TYP.)" is revised to read "3" EXPANDED POLYSTYRENE OR POLYETHYLENE FOAM AROUND COLUMN (TYP.)"

D-3.09

Sheet 1, Geosynthetic Wall with 2 FT Traffic Surcharge detail, callout – "BARRIER ON WALL ~ SEE Standard Plan D-3.15 or D-3.16" is revised to read: "BARRIER ON WALL ~ SEE Standard Plan C-81.10 and/or C-81.15"

D-3.10

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

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

D-3.11

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

APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

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

D-10.10

Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 1 and 1SW”.

D-10.15

Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 2 and 2SW”.

D-10.30

Wall Type 5 may be used in all cases.

D-10.35

Wall Type 6 may be used in all cases.

D-10.40

Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 7”.

D-10.45

Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 8”.

F-10.18

General Note 1; “Construct curb joints at concrete pavement transverse joint locations. If all adjacent pavement is HMA, see Standard Plan F-30.10 for Curb Expansion and Contraction Joint Spacing.” Is revised to read – “See Standard Plan F-30.10 and Standard Specification Section 8-04.3 for Curb Expansion and Contraction Joint details and spacing.”

F-30.10

All five instances of the “2.0% MAX.” are replaced with “2.1% MAX.”

F-40.12

The one instance of “2.0% MAX.” is replaced with “2.1% MAX.”

Note 7 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope

from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement. When a ramp is constructed on a radius, the Curb Ramp length is measured on the inside radius along the back of the walkway.

Section B is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

Section C is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

F-40.14

The one instance of "2.0% MAX." is replaced with "2.1% MAX."

Note 7 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement. When a ramp is constructed on a radius, the Curb Ramp length is measured on the inside radius along the back of the walkway.

Section A is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

Section C is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

F-40.15

The one instance of "2.0% MAX." is replaced with "2.1% MAX."

Note 7 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.

Section A is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

F-40.16

The one instance of "2.0% MAX." is replaced with "2.1% MAX."

Note 8 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.

Section A is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

Section B is amended as follows:

Delete: "15' – 0" MAX. (TYP.)"

F-80.10

The one instance of "2.0% MAX." is replaced with "2.1% MAX."

Note 6 is replaced with the following:

The running slope of the Pedestrian Ramp shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk.

Section A is amended as follows:

Delete: "15" Max."

J-10.10

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

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

J-10.16

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

J-10.17

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

J-10.18

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

J-20.26

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

Add General Note 2, to read: "Signs shown are for locations with pedestrian signal displays (Accessible Pedestrian Signals/APS). Accessible information device (AID) pushbuttons signs not shown."

Revise View Titles (Both Sheets) to read: "ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY"

J-20.16

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

J-21.10

Sheet 1, Anchor Bolt Template, callout; "9" (IN) BOLT CIRCLE" is revised to read: "9" (IN) DIA.BOLT CIRCLE"

Base Plate Detail, callout; "3/4" (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/6" (IN)" IS REVISED TO READ; "3/4" (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/16" (IN)"

Flat Foundation Detail – Elevation, callout; "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" is revised to read; "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ FOUR REQ'D. PER ASSEMBLY"

Flat Foundation Detail – Elevation, dimension; 4' – 0" is revised to read; "4' – 0" ROUND OR 3' – 0" SQUARE"

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-40.10

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

J-40.36

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

J-40.37

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

J-75.20

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

J-75.55

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

M-40.10

Guide Post Type ~ Reflective Sheeting Applications Table, remove reference - "(SEE NOTE 5)"

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-10.10-008/7/07	A-30.35-0010/12/07	A-50.10-027/18/24
A-10.20-0010/5/07	A-40.00-017/6/22	A-50.40-018/17/21
A-10.30-0010/5/07	A-40.10-047/31/19	A-60.10-0312/23/14
A-20.10-008/31/07	A-40.15-008/11/09	A-60.20-0312/23/14
A-30.10-0011/8/07	A-40.20-041/18/17	A-60.30-016/28/18
A-30.30-016/16/11	A-40.50-03 9/12/23	A-60.40-008/31/07
B-5.20-039/9/20	B-30.50-032/27/18	B-75.20-038/17/21

B-5.40-021/26/17	B-30.60-00 9/9/20	B-75.50-02 3/15/22
B-5.60-021/26/17	B-30.40-03 2/27/18	B-70.60-01 1/26/17
B-10.20-038/23/23	B-30.70-04 2/27/18	B-75.60-00 6/8/06
B-10.40-028/17/21	B-30.80-01 2/27/18	B-80.20-00 6/8/06
B-10.70-038/23/23	B-30.90-02 1/26/17	B-80.40-00 6/1/06
B-15.20-012/7/12	B-35.20-00 6/8/06	B-85.10-01 6/10/08
B-15.40-012/7/12	B-35.40-01 8/23/23	B-85.20-00 6/1/06
B-15.60-021/26/17	B-40.20-00 6/1/06	B-85.30-00 6/1/06
B-20.20-023/16/12	B-40.40-02 1/26/17	B-85.40-00 6/8/06
B-20.40-042/27/18	B-45.20-01 7/11/17	B-85.50-01 6/10/08
B-20.60-033/15/12	B-45.40-01 7/21/17	B-90.10-00 6/8/06
B-25.20-022/27/18	B-50.20-00 6/1/06	B-90.20-00 6/8/06
B-25.60-038/23/23	B-55.20-03 8/17/21	B-90.30-00 6/8/06
B-30.05-009/9/20	B-60.20-02 9/9/20	B-90.40-01 1/26/17
B-30.10-032/27/18	B-60.40-01 2/27/18	B-90.50-00 6/8/06
B-30.15-002/27/18	B-65.20-01 4/26/12	B-95.20-02 8/17/21
B-30.20-042/27/18	B-65.40-00 6/1/06	B-95.40-01 6/28/18
B-30.30-032/27/18	B-70.20-01 3/15/22	

C-19/8/22	C-23.70-01 10/16/23	C-70.15-01 7/21/24
C-1b10/12/23	C-24.10-05 7/21/24	C-70.10-04 10/16/23
C-1d10/31/03	C-24.15-00 3/15/22	C-75.10-02 9/16/20
C-6a9/8/22	C-25.20-07 8/20/21	C-75.20-03 8/20/21
C-79/8/22	C-25.22-06 8/20/21	C-75.30-03 8/20/21
C-7a9/8/22	C-25.26-05 8/20/21	C-80.10-03 10/16/23
C-20.10-0910/12/23	C-25.30-01 8/20/21	C-80.20-01 6/11/14
C-20.14-059/8/22	C-25.32-00 7/29/24	C-80.30-02 8/20/21
C-20.15-0310/12/23	C-25.80-05 8/12/19	C-80.40-01 6/11/14
C-20.18-049/8/22	C-60.10-04 7/21/24	C-85.10-00 4/8/12
C-20.40-1010/12/23	C-60.15-01 7/21/24	C-85.11-01 9/16/20
C-20.41-057/18/24	C-60.20-01 9/8/22	C-85.15-03 10/17/23
C-20.43-017/18/24	C-60.30-02 7/21/24	C-85-18-03 9/8/22
C-20.44-008/13/24	C-60.40-01 7/21/24	C-81.10-00 9/12/23
C-20.45-039/8/22	C-60.45-01 7/21/24	C-81.15-00 9/12/23
C-20.55-007/30/24	C-60.50-01 7/21/24	
C-22.16-0810/17/23	C-60.60-01 7/21/24	
C-22.40-117/21/24	C-60.70-01 9/8/22	
C-22.45-077/21/24	C-60.80-02 7/21/24	

D-2.36-036/11/14	D-3.11-036/11/14	D-10.25-018/7/19
D-2.46-028/13/21	D-4 12/11/98	D-10.30-00 7/8/08
D-2.84-0011/10/05	D-6 6/19/98	D-10.35-00 7/8/08
D-2.92-014/26/22	D-10.10-01 12/2/08	D-10.40-01 12/2/08
D-3.09-005/17/12	D-10.15-01 12/2/08	D-10.45-01 12/2/08
D-3.10-015/29/13	D-10.20-01 8/7/19	D-20.10-00 10/9/23

E-12/21/07	E-4.....8/27/03	E-20.10-009/12/23
E-25/29/98	E-4a.....8/27/03	E-20.20-0010/4/23
F-10.12-04.....9/24/20	F-10.62-024/22/14	F-40.15-049/25/20
F-10.16-00.....12/20/06	F-10.64-034/22/14	F-40.16-036/29/16
F-10.18-04.....6/28/24	F-30.10-049/25/20	F-45.10-056/4/24
F-10.40-04.....9/24/20	F-40.12-036/29/16	F-80.10-047/15/16
F-10.42-00.....1/23/07	F-40.14-036/29/16	
G-10.10-009/20/07	G-24.50-05.....8/7/19	G-90.10-03.....7/11/17
G-20.10-038/20/21	G-24.60-05.....6/28/18	G-90.20-05.....7/11/17
G-22.10-046/28/18	G-25.10-05.....9/16/20	G-90.30-04.....7/11/17
G-24.10-0011/8/07	G-26.10-00.....7/31/19	G-95.10-02.....6/28/18
G-24.20-012/7/12	G-30.10-04.....6/23/15	G-95.20-03.....6/28/18
G-24.30-026/28/18	G-50.10-03.....6/28/18	G-95.30-03.....6/28/18
G-24.40-076/28/18		
H-10.10-016/2/24	H-30.10-00.....10/12/07	H-70.10-02.....8/17/21
H-10.11-006/2/24	H-32.10-00.....9/20/07	H-70.20-02.....8/17/21
H-10.15-016/2/24	H-60.10-01.....7/3/08	
H-10.16-006/2/24	H-60.20-01.....7/3/08	
I-10.10-01.....8/11/09	I-30.20-009/20/07	I-40.20-009/20/07
I-30.10-02.....3/22/13	I-30.30-026/12/19	I-50.20-027/6/22
I-30.15-02.....3/22/13	I-30.40-026/12/19	I-60.10-016/10/13
I-30.16-01.....7/11/19	I-30.60-026/12/19	I-60.20-016/10/13
I-30.17-01.....6/12/19	I-40.10-009/20/07	I-80.10-027/15/16
J-05.50-008/30/22	J-26.10-037/21/16	J-50.05-007/21/17
J-10.....7/18/97	J-26.15-015/17/12	J-50.10-017/31/19
J-10.10-049/16/20	J-26.20-016/28/18	J-50.11-027/31/19
J-10.12-009/16/20	J-27.10-017/21/16	J-50.12-028/7/19
J-10.14-009/16/20	J-27.15-003/15/12	J-50.13-018/30/22
J-10.15-016/11/14	J-28.01-008/30/22	J-50.15-017/21/17
J-10.16-028/18/21	J-28.10-028/7/19	J-50.16-013/22/13
J-10.17-028/18/21	J-28.22-008/07/07	J-50.18-008/7/19
J-10.18-028/18/21	J-28.24-029/16/20	J-50.19-008/7/19
J-10.20-048/18/21	J-28.26-0112/02/08	J-50.20-006/3/11
J-10.21-028/18/21	J-28.30-046/18/24	J-50.25-006/3/11
J-10.22-0310/4/23	J-28.40-026/11/14	J-50.30-006/3/11
J-10.25-016/21/24	J-28.42-016/11/14	J-60.05-017/21/16
J-10.26-008/30/22	J-28.43-016/28/18	J-60.11-005/20/13
J-12.15-006/28/18	J-28.45-037/21/16	J-60.12-005/20/13
J-12.16-006/28/18	J-28.50-037/21/16	J-60.13-006/16/10
J-15.10-016/11/14	J-28.60-038/27/21	J-60.14-017/31/19
J-15.15-027/10/15	J-28.70-048/30/22	J-75.10-027/10/15

J-20.01-016/21/24	J-29.10-028/26/22	J-75.20-017/10/15
J-20.05-006/21/24	J-29.15-017/21/16	J-75.30-027/10/15
J-20.10-0510/4/23	J-29.16-027/21/16	J-75.50-008/30/22
J-20.11-037/31/19	J-30.10-018/26/22	J-75.55-008/30/22
J-20.15-046/21/24	J-40.01-008/30/22	J-80.05-008/30/22
J-20.16-026/30/14	J-40.05-007/21/16	J-80.10-018/18/21
J-20.20-025/20/13	J-40.10-044/28/16	J-80.12-008/18/21
J-20.26-017/12/12	J-40.20-034/28/16	J-80.15-006/28/18
J-21.10-056/21/24	J-40.30-044/28/16	J-81.10-028/18/21
J-21.15-016/10/13	J-40.35-015/29/13	J-81.12-009/3/21
J-21.16-026/21/24	J-40.36-027/21/17	J-84.05-008/30/22
J-21.17-016/10/13	J-40.37-027/21/17	J-86.10-006/28/18
J-21.20-016/10/13	J-40.38-015/20/13	J-90.10-036/28/18
J-22.15-036/21/24	J-40.39-005/20/13	J-90.20-036/28/18
J-22.16-037/10/15	J-40.40-027/31/19	J-90.21-026/28/18
J-22.17-006/21/24	J-45.36-007/21/17	J-90.50-006/28/18
K-70.20-016/1/16	K-80.32-008/17/21	K-80.35-019/16/20
K-80.10-029/25/20	K-80.34-008/17/21	K-80.37-019/16/20
L-5.10-026/5/24	L-20.10-037/14/15	L-40.20-026/21/12
L-5.15-009/19/22	L-30.10-026/11/14	L-70.10-015/21/08
L-10.10-026/21/12	L-40.15-016/16/11	L-70.20-015/21/08
M-1.20-049/25/20	M-9.60-002/10/09	M-24.66-007/11/17
M-1.40-039/25/20	M-11.10-048/2/22	M-40.10-0410/17/23
M-1.60-039/25/20	M-12.10-046/28/24	M-40.20-0010/12/07
M-1.80-036/3/11	M-15.10-027/17/23	M-40.30-017/11/17
M-2.20-037/10/15	M-17.10-027/3/08	M-40.40-009/20/07
M-2.21-007/10/15	M-20.10-048/2/22	M-40.50-009/20/07
M-3.10-049/25/20	M-20.20-024/20/15	M-40.60-009/20/07
M-3.20-048/2/22	M-20.30-056/28/24	M-60.10-016/3/11
M-3.30-049/25/20	M-20.40-036/24/14	M-60.20-038/17/21
M-3.40-049/25/20	M-20.50-026/3/11	M-65.10-038/17/21
M-3.50-039/25/20	M-24.20-024/20/15	M-80.10-016/3/11
M-5.10-039/25/20	M-24.40-024/20/15	M-80.20-006/10/08
M-7.50-011/30/07	M-24.60-046/24/14	M-80.30-006/10/08
M-9.50-026/24/14	M-24.65-007/11/17	

PREVAILING MINIMUM HOURLY WAGE RATES

State of Washington Department of Labor Industries
Prevailing Wage Section

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: 12/10/2024

COWLITZ COUNTY

Trade	Job Classification	Wage	Holiday	Overtime	Notes
Asbestos Abatement Workers	Journey Level	\$59.48	6Z	1M	
Boilermakers	Journey Level	\$76.89	5N	1C	
Brick Mason	Brick Finisher	\$48.08	5A	1B	
Brick Mason	Caulker-Pointer-Cleaner	\$74.09	5A	1B	
Brick Mason	Journey Level	\$74.09	5A	1B	
Building Service Employees	Janitor	\$16.28		1	
Building Service Employees	Shampooer	\$16.28		1	
Building Service Employees	Waxer	\$16.28		1	
Building Service Employees	Window Cleaner	\$16.28		1	
Cabinet Makers (In Shop)	Journey Level	\$16.28		1	
Carpenters	Acoustical Worker	\$67.80	15J	11U	9L
Carpenters	Bridge & Highway Carpenter	\$69.08	15J	11U	9L
Carpenters	Floor Layer And Floor Finishers	\$67.97	15J	11U	9L
Carpenters	General Carpenter	\$67.80	15J	11U	9L
Carpenters	Scaffold/Shoring Erecting & Dismantling	\$67.70	7E	4X	8N
Carpenters	Stationary Power Saw	\$67.97	15J	11U	9L
Cement Masons	Application of all Composition Mastic	\$77.30	15J	4U	
Cement Masons	Application of all Epoxy Material	\$76.78	15J	4U	
Cement Masons	Application of all Plastic Material	\$77.30	15J	4U	
Cement Masons	Application of Sealing Compound	\$76.78	15J	4U	
Cement Masons	Application of Underlayment	\$77.30	15J	4U	
Cement Masons	Building General	\$76.78	15J	4U	
Cement Masons	Composition or Kalman Floors	\$77.30	15J	4U	
Cement Masons	Concrete Paving	\$76.78	15J	4U	
Cement Masons	Curb & Gutter Machine	\$77.30	15J	4U	
Cement Masons	Curb & Gutter, Sidewalks	\$76.78	15J	4U	
Cement Masons	Curing Concrete	\$76.78	15J	4U	
Cement Masons	Finish Colored Concrete	\$77.30	15J	4U	
Cement Masons	Floor Grinding	\$77.30	15J	4U	
Cement Masons	Floor Grinding/Polisher	\$76.78	15J	4U	
Cement Masons	Green Concrete Saw, self-powered	\$77.30	15J	4U	
Cement Masons	Grouting of all Plates	\$76.78	15J	4U	
Cement Masons	Grouting of all Tilt-up Panels	\$76.78	15J	4U	
Cement Masons	Gunite Nozzleman	\$77.30	15J	4U	
Cement Masons	Hand Powered Grinder	\$77.30	15J	4U	
Cement Masons	Journey Level	\$76.78	15J	4U	
Cement Masons	Patching Concrete	\$76.78	15J	4U	

Cement Masons	Pneumatic Power Tools	\$77.30	15J	4U	
Cement Masons	Power Chipping & Brushing	\$77.30	15J	4U	
Cement Masons	Sand Blasting Architectural Finish	\$77.30	15J	4U	
Cement Masons	Screeed & Rodding Machine	\$77.30	15J	4U	
Cement Masons	Spackling or Skim Coat Concrete	\$76.78	15J	4U	
Cement Masons	Troweling Machine Operator	\$77.30	15J	4U	
Cement Masons	Troweling Machine Operator on Colored Slabs	\$77.30	15J	4U	
Cement Masons	Tunnel Workers	\$77.30	15J	4U	
Divers & Tenders	Assistant Tender	\$75.35	15J	11T	9I
Divers & Tenders	Bell/Vehicle or Submersible Operator Not Under Pressure	\$124.92	15J	11T	9I
Divers & Tenders	Dive Master	\$94.29	15J	11T	9I
Divers & Tenders	Dive Supervisor	\$94.29	15J	11T	9I
Divers & Tenders	Diver Diving	\$124.92	15J	11T	9I
Divers & Tenders	Diver Tender	\$80.92	15J	11T	9I
Divers & Tenders	Divers Including Stand-By Diver	\$89.29	15J	11T	9I
Divers & Tenders	Manifold Operator	\$85.92	15J	11T	9I
Divers & Tenders	Manifold Operator Mixed Gas	\$90.92	15J	11T	9I
Divers & Tenders	ROV Operator	\$80.92	15J	11T	9I
Divers & Tenders	ROV Tender/Technician	\$75.35	15J	11T	9I
Dredge Workers	Assistant Engineer	\$70.01	5D	1N	8D
Dredge Workers	Assistant Mate (deckhand)	\$64.65	5D	1N	8D
Dredge Workers	Boatman (licensed)	\$70.01	5D	1N	8D
Dredge Workers	Fill Equipment Operator	\$67.35	5D	1N	8D
Dredge Workers	Fireman	\$68.52	5D	1N	8D
Dredge Workers	Leverman (hydraulic & Clamshell)	\$73.17	5D	1N	8D
Dredge Workers	Mate	\$70.01	5D	1N	8D
Dredge Workers	Oiler	\$64.65	5D	1N	8D
Dredge Workers	Tenderman (boatman Attending Dredge Plant)	\$68.52	5D	1N	8D
Dredge Workers	Welder	\$70.01	5D	1N	8D
Drywall Applicator	Journey Level	\$67.80	5A	1B	
Drywall Tapers	Journey Level	\$63.70	7E	1E	
Electrical Fixture Maintenance Workers	Journey Level	\$25.23		1	
Electricians - Inside	Journey Level	\$91.09	5A	1B	
Electricians - Inside	Journeyman, Welder	\$97.32	5A	1B	
Electricians - Motor Shop	Craftsman	\$16.28		1	
Electricians - Motor Shop	Journey Level	\$16.28		1	
Electricians - Powerline Construction	Cable Splicer	\$97.76	5A	4D	
Electricians - Powerline Construction	Certified Line Welder	\$89.71	5A	4D	
Electricians - Powerline Construction	Groundperson	\$56.79	5A	4D	
Electricians - Powerline Construction	Heavy Line Equipment Operator	\$89.71	5A	4D	
Electricians - Powerline Construction	Journey Level Lineperson	\$89.71	5A	4D	
Electricians - Powerline Construction	Line Equipment Operator	\$77.13	5A	4D	
Electricians - Powerline Construction	Meter Installer	\$56.79	5A	4D	8W
Electricians - Powerline Construction	Pole Sprayer	\$89.71	5A	4D	
Electricians - Powerline Construction	Powderperson	\$66.84	5A	4D	
Electronic Technicians	Journey Level	\$74.89	5A	1B	
Elevator Constructors	Mechanic	\$111.71	5N	4A	
Elevator Constructors	Mechanic In Charge	\$120.87	5N	4A	
Fabricated Precast Concrete Products	Journey Level	\$16.28		1	
Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$16.28		1	
Fence Erectors	Fence Erector	\$54.63	6Z	1M	8S
Fence Erectors	Fence Laborer	\$54.63	6Z	1M	8S

Flaggers	Journey Level	\$54.63	6Z	1M	8S
Glaziers	Journey Level	\$75.22	7I	11K	
Heat & Frost Insulators And Asbestos Workers	Mechanic	\$85.39	5N	1F	
Heating Equipment Mechanics	Journey Level	\$99.92	7F	1E	
Hod Carriers & Mason Tenders	Journey Level	\$62.10	5D	1B	
Industrial Power Vacuum Cleaner	Journey Level	\$16.28		1	
Inland Boatmen	Boat Operator	\$61.41	5B	1K	
Inland Boatmen	Cook	\$56.48	5B	1K	
Inland Boatmen	Deckhand	\$57.48	5B	1K	
Inland Boatmen	Deckhand Engineer	\$58.81	5B	1K	
Inland Boatmen	Launch Operator	\$58.89	5B	1K	
Inland Boatmen	Mate	\$57.31	5B	1K	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$16.28		1	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$16.28		1	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$16.28		1	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$16.28		1	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$16.28		1	
Insulation Applicators	Journey Level	\$67.97	15J	11U	9L
Ironworkers	Journey Level	\$81.13	15K	11N	
Laborers	Anchor Machines	\$59.48	6Z	1M	
Laborers	Application (Including Pot Power Tender For Same), Applying Protective Material By Hand Or Nozzle On Utility Lines Or Storage Tanks On Project	\$58.86	6Z	1M	
Laborers	Asbestos Removal	\$59.48	6Z	1M	
Laborers	Asphalt Plant Laborers	\$58.04	6Z	1M	
Laborers	Asphalt Raker	\$60.00	6Z	1M	
Laborers	Asphalt Spreaders	\$58.04	6Z	1M	
Laborers	Ballast Regulators	\$59.48	6Z	1M	
Laborers	Batch Weighman	\$58.04	6Z	1M	
Laborers	Bit Grinder	\$59.48	6Z	1M	
Laborers	Brick Pavers (Dry)	\$58.04	6Z	1M	
Laborers	Broomers	\$58.04	6Z	1M	
Laborers	Brush (Power Saw)	\$58.86	6Z	1M	
Laborers	Brush Burners And Cutters	\$58.04	6Z	1M	
Laborers	Burners	\$58.86	6Z	1M	
Laborers	Car And Truck Loaders	\$58.04	6Z	1M	
Laborers	Carpenter Tender	\$58.04	6Z	1M	
Laborers	Change-house Man Or Dry Shack Man	\$58.04	6Z	1M	
Laborers	Chipping Guns	\$58.86	6Z	1M	
Laborers	Choker Setters	\$58.04	6Z	1M	
Laborers	Choker Splicer	\$58.86	6Z	1M	
Laborers	Chuck Tender	\$58.86	6Z	1M	
Laborers	Clay Power Spreader And Similar Types	\$58.86	6Z	1M	
Laborers	Clean Up Laborers	\$58.04	6Z	1M	
Laborers	Clean-up Nozzleman-Green-Cutter (Concrete Rock, Etc.)	\$58.86	6Z	1M	
Laborers	Concrete Crew, Bull Gang	\$58.86	6Z	1M	

Laborers	Concrete Laborers	\$58.86	6Z	1M	
Laborers	Concrete Nozzlemen	\$60.00	6Z	1M	
Laborers	Concrete Power Buggyman	\$58.86	6Z	1M	
Laborers	Concrete Saw Operator	\$59.48	6Z	1M	
Laborers	Concrete Saw Operator (Walls)	\$60.00	6Z	1M	
Laborers	Confined Space / Hole Watch	\$54.63	6Z	1M	8S
Laborers	Crusher Feeder	\$58.86	6Z	1M	
Laborers	Curing, Concrete	\$58.04	6Z	1M	
Laborers	Demolition And Wrecking Charred Materials	\$58.86	6Z	1M	
Laborers	Demolition, Wrecking And Moving Laborers	\$58.04	6Z	1M	
Laborers	Drill Doctor	\$59.48	6Z	1M	
Laborers	Drill Operators, Air Tracks, Cat Drills, Wagon Drills, Rubber-mounted Drills And Other Similar Types, Including At Crusher Plants	\$60.00	6Z	1M	
Laborers	Dry Pack Machine	\$58.86	6Z	1M	
Laborers	Dry Stack Walls	\$58.04	6Z	1M	
Laborers	Dumpers, Road Oiling Crew	\$58.04	6Z	1M	
Laborers	Dumpmen (for Grading Crew)	\$58.04	6Z	1M	
Laborers	Elevator Feeders	\$58.04	6Z	1M	
Laborers	Erosion Control Specialist	\$58.04	6Z	1M	
Laborers	Final Clean-up	\$54.63	6Z	1M	8S
Laborers	Fine Graders	\$58.04	6Z	1M	
Laborers	Fire Watch	\$54.63	6Z	1M	8S
Laborers	Form Strippers (Not Swinging Stages)	\$58.04	6Z	1M	
Laborers	General Laborer	\$58.04	6Z	1M	
Laborers	Grade Checker	\$60.00	6Z	1M	
Laborers	Guard Rail, Median Rail, Reference Post Guide Post, Right-of-way Marker	\$58.04	6Z	1M	
Laborers	Gunite Nozzleman	\$60.00	6Z	1M	
Laborers	Gunite Nozzleman Tender	\$58.86	6Z	1M	
Laborers	Gunite or Sand Blasting Pot Tender	\$58.86	6Z	1M	
Laborers	Hand Placed Sand Blasting (Wet)	\$58.86	6Z	1M	
Laborers	Handlers Or Mixers Of All Materials Of An Irritating Nature (Including Cement & Lime)	\$58.86	6Z	1M	
Laborers	Hazardous Waste Worker	\$59.48	6Z	1M	
Laborers	High Scalers, Strippers & Drillers (covers work in swinging stages, chairs or belts under extreme conditions unusual to normal drilling, blasting, barring down or slopping and stripping)	\$60.00	6Z	1M	
Laborers	Laser Beam	\$60.00	6Z	1M	
Laborers	Laser Beam (Pipe Laying) - Applicable When Employee Assigned To Move, Set Up, Align	\$60.00	6Z	1M	
Laborers	Laser Beam (Tunnel) - Applicable When Employee Assigned To Move, Set Up, Align	\$60.00	6Z	1M	
Laborers	Lead Abatement	\$59.48	6Z	1M	
Laborers	Leverman Or Aggregate Spreaders (Flaherty And Similar Types)	\$58.04	6Z	1M	

Laborers	Loading Spotters	\$58.04	6Z	1M	
Laborers	Loop Installation	\$60.00	6Z	1M	
Laborers	Manhole Building	\$59.48	6Z	1M	
Laborers	Material Yard Man	\$58.04	6Z	1M	
Laborers	Miner - Tunnel	\$60.00	6Z	1M	
Laborers	Mold Remediation Or Removal	\$59.48	6Z	1M	
Laborers	Nippers And Timbermen	\$59.48	6Z	1M	
Laborers	Nuclear Plant Workers - Lead Shield, Power Saw Operators (Bucking & Falling)	\$59.48	6Z	1M	
Laborers	Pilot Car	\$54.63	6Z	1M	8S
Laborers	Pipe Doping & Wrapping	\$58.86	6Z	1M	
Laborers	Pipe Layer All Types	\$60.00	6Z	1M	
Laborers	Pittsburgh Chipper Operator Or Similar Types	\$58.04	6Z	1M	
Laborers	Post Hold Digger, Air, Gas Or Electric	\$58.86	6Z	1M	
Laborers	Powderman - Tunnel	\$60.00	6Z	1M	
Laborers	Powderman Tender	\$58.04	6Z	1M	
Laborers	Power Jacks	\$59.48	6Z	1M	
Laborers	Pressure Washer	\$58.86	6Z	1M	
Laborers	Railroad Track Laborers	\$58.04	6Z	1M	
Laborers	Ribbon Setter, Head	\$58.86	6Z	1M	
Laborers	Ribbon Setters (Including Steel Forms)	\$58.04	6Z	1M	
Laborers	Rigger/Signalperson	\$58.04	6Z	1M	
Laborers	Rip Rap Man (Hand Packed)	\$58.04	6Z	1M	
Laborers	Rip Rap Man (Head)	\$58.86	6Z	1M	
Laborers	Road Pump Tender	\$58.04	6Z	1M	
Laborers	Sand Blasting (Dry)	\$59.48	6Z	1M	
Laborers	Scaffold Tender	\$58.04	6Z	1M	
Laborers	Sewer Labor	\$58.04	6Z	1M	
Laborers	Sewer Timbermen	\$59.48	6Z	1M	
Laborers	Signalman	\$58.04	6Z	1M	
Laborers	Skipman	\$58.04	6Z	1M	
Laborers	Slopers	\$58.04	6Z	1M	
Laborers	Spraymen	\$58.04	6Z	1M	
Laborers	Stake Chaser	\$58.04	6Z	1M	
Laborers	Stake-setter	\$58.86	6Z	1M	
Laborers	Stockpiler	\$58.04	6Z	1M	
Laborers	Tampers	\$58.86	6Z	1M	
Laborers	Tie Back Shoring	\$58.86	6Z	1M	
Laborers	Timber Faller And Bucker (Hand Labor)	\$58.04	6Z	1M	
Laborers	Tool Operators - Jackhammer	\$58.86	6Z	1M	
Laborers	Tool Operators - Paving Breakers	\$58.86	6Z	1M	
Laborers	Tootroom Man (At Job Site)	\$58.04	6Z	1M	
Laborers	Track Liners	\$59.48	6Z	1M	
Laborers	Traffic Control Laborer	\$58.04	6Z	1M	
Laborers	Traffic Control Supervisor	\$58.86	6Z	1M	
Laborers	Traffic Control Supervisor	\$58.86	6Z	1M	
Laborers	Tugger Operator	\$59.48	6Z	1M	
Laborers	Tunnel Bullgang (Above Ground)	\$60.00	6Z	1M	
Laborers	Tunnel Chuck Tenders	\$60.00	6Z	1M	
Laborers	Tunnel Motorman - Dinky Locomotive	\$60.00	6Z	1M	
Laborers	Tunnel Muckers, Brakemen	\$60.00	6Z	1M	

Laborers	Tunnel Shield Operator	\$60.00	6Z	1M	
Laborers	Vibrating Screed	\$60.00	6Z	1M	
Laborers	Vibrators (All Types)	\$60.00	6Z	1M	
Laborers	Water Blaster	\$59.48	6Z	1M	
Laborers	Weight-Man-Crusher (Aggregate When Used)	\$58.04	6Z	1M	
Laborers	Welder	\$59.48	6Z	1M	
Laborers - Underground Sewer & Water	General Laborer and Topman	\$60.00	6Z	1M	
Landscape Construction	Landscape Operator	\$65.93	7B	4G	8U
Landscape Construction	Landscaping or Planting Laborer	\$46.95	6Z	1M	8T
Landscape Maintenance	Groundskeeper	\$16.28		1	
Lathers	Journey Level	\$67.80	5A	1B	
Marble Setters	Journey Level	\$75.09	5A	1B	
Metal Fabrication (In Shop)	Fitter	\$25.33	7S	1B	
Metal Fabrication (In Shop)	Machine Operator	\$25.33	7S	1B	
Metal Fabrication (In Shop)	Welder	\$25.33	7S	1B	
Millwright	Journey Level	\$80.28	5A	1B	
Modular Buildings	Journey Level	\$16.28		1	
Painters	Bridge Painter	\$60.44	7E	11L	
Painters	Commercial Painter	\$51.86	7E	11L	
Painters	Industrial Painter	\$53.93	7E	11L	9F
Pile Driver	Journey Level	\$69.08	15J	11U	9L
Plasterers	Journey Level	\$64.24	5H	1E	
Playground & Park Equipment Installers	Journey Level	\$16.28		1	
Plumbers & Pipefitters	Journey Level	\$90.87	5A	1G	
Power Equipment Operators	Air Filtration Equipment(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Asphalt Plant (any Type) (assistant Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Asphalt, Burner & Reconditioner (any Type), (asst To Engineer If Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Asphalt, Extrusion Machine Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Asphalt, Paver (screed Man Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Asphalt, Pugmill (any Type)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Asphalt, Raker(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Asphalt, Roller (any Asphalt Mix)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler Under 8 Ft Lateral Cut(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler, 8 Ft Lateral Cut & Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler, Groundman(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Asphalt, Screed(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Asphalt, Truck Mounted Spreader, With Screed(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Auger Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Auto Grader Or trimmer" (grade Checker Required)(group 2)"	\$71.65	7B	4G	8U
Power Equipment Operators	Back Filling Machine (assistant To Engineer Required)(group 4)	\$67.17	7B	4G	8U

Power Equipment Operators	Backhoe, Robotic, Track And Wheel Type Up To And Including 20,000 Lbs. With Any Attachments(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Band Wagons (in Conjunction With Whell Excavator)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Bell Man (any Type Of Comunication)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Blade Any Type(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Blade, Robotic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Boatman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Boatman, Licensd(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Bobcat, Skid Steer (< 1yd)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Boom Type Lifting Device, 5 Ton Capacity Or Less(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Boring Machine (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Broom Self-propelled, Construction Job Site(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Bulldozer Operator, 20,000 Lbs Or Less, Or 100 Horse Or Less(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Bulldozer Operator, Over 20,000 Lbs And More Than 100 Horse Up To 70,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Bulldozer Over 70,000 Lbs Up To And Including 120,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Bulldozer Over 120,000 Lbs And Above(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Bulldozer Robotic Equipment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Cable-plow (any Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Cableway 25 Ton & Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Cableway Up To 25 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Canal Trimmer (grade Oiler Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Cat Drill (john Henry)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Cement Pump(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Challenger(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Chip Spreading Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Chippers (asst To Engineer If Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Churn Drill & Earth Boring Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Combination Heavy Duty Mechanic-welder, When Required To Do Both(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Compactor Self Propelled Without Blade(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Compactor With Blade Self Propelled(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Compactor, Multi-engine(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Compactor, Robotic(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Compressor (any Power) 1,250 Cu Ft And Over Total Capacity(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators	Compressor Operator (any Power) Under 1,250 Cu Ft Total Capacity(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Concrete Batch Plant And/or Wet Mix (3 Units Or More) (group1)	\$73.56	7B	4G	8U
Power Equipment Operators	Concrete Batch Plant And/or Wet Mix Operator (1 & 2 Drums)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Concrete Batch Plant Quality Control(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete Breaker (assistant To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Concrete Canal Line, Assistant To Engineer Required(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Concrete Curing Machine (riding Type)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Concrete Diamond Head Profiler(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Concrete Paving Road Mixer(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Concrete Planer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete Saw(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Concrete, Automatic Slip Form Paver (asst To Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Concrete, Combination Mixer & Compressor Operator, Gunite Work(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Curb Machine Mechanical Berm, Curb And/or Curb And Gutter(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Finishing Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Grout Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Concrete, Grouting Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Joint Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Mixer Mobile(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Concrete, Mixer Single Drum Any Capacity(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Paving Machine 8' And Less (asst To Engineer Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Placing Boom(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Pump Truck(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Pump(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Pumpcrete Operator (any Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Reinforced Tank Banding Machine (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Concrete, Slip Form Pumps, Power Driven Hydraulic Lifting Device For Concrete Forms(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Spreader(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Telebelt(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Concrete, Treated Base Roller Operator, Oiling(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators	Conveyor Operator Or Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Conveyored Material Hauler(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Crane, Bridge Locomotive, Gantry And Overhead(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Carry Deck(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Chicago Boom & Similar Types(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Floating (derrick Barge) 30 Ton But Less Than 150 Ton (asst To Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Floating 150 Ton But Less Than 250 Ton (asst To Engineer Required) (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Floating 250 Ton And Over (asst To Engineer And Deckhand Required)(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators	Crane, Floating Clamshell 3 Cu. Yds. & Over (fireman Or Diesel Electric Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Floating Clamshell, Dragline Etc. Operator Under 3 Cu. Yds. Or Less Than 30 Ton (diesel-electric Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 200 Ton Through 399 Ton (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 50 Ton Through 89 Ton With Luffing Or Tower Attachment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 50 Ton Through 89 Tons(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 90 Ton Through 199 Ton With Luffing Or Tower Attachment (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 90 Ton Through 199 Ton(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Crane 200 Ton Through 300 Ton With Luffing Or Tower Attachment(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Crane 400 Ton And Over(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Crane Over 300 Ton Through 399 Ton With Luffer Or Tower Attachment(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Under 50 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 200 Ton Through 299 Ton, With Over 200' Boom(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 300 Ton Through 399 Ton(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 300 Ton Through 399 Ton, With Over 200' Boom(group 1)	\$77.88	7B	4G	8U

Power Equipment Operators	Crane, Lattice Boom 50 Ton Through 89 Ton With 150' Boom Or Less(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 50 Ton Through 89 Ton With Over 150' Boom	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 90 Ton Through 199 Ton With 150' - 200' Boom(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom Under 50 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom, 200 Ton Through 299 Ton With 200' Boom Or Less (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom, 90 Ton Through 199 Ton With Over 200' Boom (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Shovel, Dragline Or Clamshell 3 Cu. Yds. But Less Than 5 Cu. Yds. (asst To Engineer Required)(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Crane, Tower Crane With 175' Tower Or Less And With Less Than 200' Jib(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crane, Tower Crane With Over 175' Tower Or Over 200' Jib (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Tugger(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Crane, Whirley 90 Ton And Over (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Crane, Whirley Under 90 Ton(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Crusher Feederman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Crusher Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Crusher Plant(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Deckhand(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Derrick Operator Under 100 Ton (two Operators Required When Swing Control Is Remote From Hoist)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Diesel-electric Engineer (plant Or Floating)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Directional Drill Over 20,000 Lbs Pullback(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Drill Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Drill Cat Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Drill Directional Type Less Than 20,000 Lbs Pullback(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Drill Doctor And/or (bit Grinder)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Drill Mud Mixer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Drill Oscillator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Drill, Directinal Locator(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Driller, Percussion, Diamond, Core, Cable, Rotary & Similar Type(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Elevating Grader Operator, Tractor Towed Requiring Operator Or Grader(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators	Elevating Loader Operator (any Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Elevator To Move Personnel Or Materials(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Excavator Over 80,000 Lbs Through 130,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Excavator Operator, Over 20,000 Lbs Through 80,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Excavator Operator, Over 130,000 Lbs(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Fireman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Floating, Crane 350 Ton And Over (asst To Engineer And Deckhand Required)(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators	Fork Lift(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Fork Lift, Over 10 Ton Or Robotic(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Generator Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Grade Checker(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Grade Setter / Layout From Plans(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Grade-all(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Guardrail Machines, I.e. Punch, Auger, Etc.(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Guardrail Punch Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Hammer Operator (pile Driver)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Heavy Duty Repairman Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Heavy Equipment Robotics Operator Or Mechanic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Helicopter Hoist(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Helicopter Radioman (ground)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Helicopter When Used In Erecting Workcrane(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Hoist Operator, Single Drum(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Hoist, 2 Drums Or More(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Hoist, Stiff Leg, Guy Derrick Or Similar Type, 50 Ton And Over(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Hydraulic Backhoe Track Type Up To And Including 20,000 Lbs(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Hydraulic Backhoe Wheel Type (any Make)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Hydraulic Pipe Press(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Hydro Axe (loader Mounted Or Similar Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Hydrographic Seeder Machine Straw, Pulp Or Seed(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Hydrostatic Pump Operator(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Internal Full Slab Vibrator Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Jack Operator, Elevating Barges, Barge Operator, Self-unloading (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U

Power Equipment Operators	Laser Screed(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Lattice Boom Crane 400 Ton And Over(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators	Lime Spreader, Construction Job Site(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Loaders Operator, Front End & Overhead, 25,000 Lbs And Less Than 60,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Loaders, 120,000 Lbs And Above(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Loaders, 60,000 Lbs And Less Than 120,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators	Loaders, Rubber-tire Type, Less Than 25,000 Lbs(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Log Skidders(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Master Environmental Maintenance Mechanic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Material Handler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Mechanic, Heavy Duty(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Mixer Box (c.t.b., Dry Batch, Etc.)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Parts Man (tool Room)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Pavement Grinder And Or Grooving Machine (riding Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Pile Driver Operator (not Crane Type) (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Pipe Bending, Cleaning, Doping And Wrapping Machines(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Pipe, Cast In Place Pipe Laying Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Plant Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Pump (any Power)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Pump Operator, More Than 5 Pumps (any Size)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Ballast Compactor, Regulator Or Tamper Machines(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Ballast Tamper Multi-purpose(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Rail, Brakeman, Switchman, Motorman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Rail, Car Mover(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Clip Applicator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, High Rail Self Loader Truck(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Lo-railer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Locomotive, 40 Ton And Over (asst To Engineer Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Shuttle Car Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Speedswing(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Rail, Switchman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Rail, Tamping Machine, Mechanical, Self-propelled(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Rail, Track Liner(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators	Remote Controlled Earth Moving Equipment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Rigger(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Roller Grading (not Asphalt)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Rubber-tired Dozers And Pushers(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Scraper All Types(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Service Oiler (greaser)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Shovel, Dragline, Clamshell, 5 Yards And Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Side-boom(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Skip Loader, Drag Box(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Stump Grinder (loader Mounted Or Similar Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Surface Heater And Planer(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Sweeper Self-propelled, Construction Job Site(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Tar Pot Fireman (power Agitated) Or Not(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Tractor Rubber-tired, 50 Hp Flywheel & Under(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Tractor, Rubber-tired Over 50 Hp Flywheel(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Trenching Machine 3 Ft Depth And Deeper (asst To The Operator If Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Trenching Machine Operator, Maximum Digging Capacity 3 Ft Depth(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck Crane Oiler-driver(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Truck, All Terrain Or Track Type(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Barrel Type(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Boom(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Off-road Trucks, Articulated And Non-articulated Trucks(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Offroad Trucks, Articulated And Non-articulated Trucks(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Vacuum(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Truck, Water(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Tub Grinder(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel Boring Machine Mechanic(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel Boring Machine(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Tunnel Segment Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel Separation Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel Shaefer Loader(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel, Locomotive, Dinkey(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Tunnel, Micro Boring Tunnel Machine(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators	Tunnel, Mucking Machine(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Tunnel, Power Jumbo Setting Slip Forms, Etc.(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators	Tunnel, Shield Operator(group 4)	\$67.17	7B	4G	8U

Power Equipment Operators	Ultra High Pressure Water Jet Cutting Tool System Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Underwater Equipment, Remote Or Otherwise(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Vacuum Blasting Machine Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Water Pulls, Water Wagon(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Welder's Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Welder; Heavy Duty, Certified Or Not(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators	Welding Machine(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators	Wheel Excavation Any Size (grade Oiler Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators	Wire Mat Or Brooming Machine(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Air Filtration Equipment(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt Plant (any Type) (assistant Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Burner & Reconditioner (any Type), (asst To Engineer If Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Extrusion Machine Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Paver (screed Man Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Pugmill (any Type)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Raker(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roller (any Asphalt Mix)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler Under 8 Ft Lateral Cut(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler, 8 Ft Lateral Cut & Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler, Groundman(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Screed(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Truck Mounted Spreader, With Screed(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Auger Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Auto Grader Or trimmer" (grade Checker Required)(group 2)"	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Back Filling Machine (assistant To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Backhoe, Robotic, Track And Wheel Type Up To And Including 20,000 Lbs. With Any Attachments(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Band Wagons (in Conjunction With Whell Excavator)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bell Man (any Type Of Communication)(group 6)	\$62.71	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Blade Any Type(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Blade, Robotic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boatman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boatman, Licensed(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bobcat, Skid Steer (< 1yd)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boom Type Lifting Device, 5 Ton Capacity Or Less(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boring Machine (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Broom Self-propelled, Construction Job Site(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Operator, 20,000 Lbs Or Less, Or 100 Horse Or Less(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Operator, Over 20,000 Lbs And More Than 100 Horse Up To 70,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Over 70,000 Lbs Up To And Including 120,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Over 120,000 Lbs And Above(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Robotic Equipment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cable-plow (any Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cableway 25 Ton & Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cableway Up To 25 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Canal Trimmer (grade Oiler Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cat Drill (John Henry)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cement Pump(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Challenger(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Chip Spreading Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Chippers (asst To Engineer If Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Churn Drill & Earth Boring Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Combination Heavy Duty Mechanic-welder, When Required To Do Both(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor Self Propelled Without Blade(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor With Blade Self Propelled(group 4)	\$67.17	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Compactor, Multi-engine(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor, Robotic(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compressor (any Power) 1,250 Cu Ft And Over Total Capacity(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compressor Operator (any Power) Under 1,250 Cu Ft Total Capacity(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Batch Plant And/or Wet Mix (3 Units Or More) (group1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Batch Plant And/or Wet Mix Operator (1 & 2 Drums)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Batch Plant Quality Control(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Breaker (assistant To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Canal Line, Assistant To Engineer Required(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Curing Machine (riding Type)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Diamond Head Profiler(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Paving Road Mixer(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Planer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Saw(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Automatic Slip Form Paver (asst To Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Combination Mixer & Compressor Operator, Gunitite Work(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Curb Machine Mechanical Berm, Curb And/or Curb And Gutter(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Finishing Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Grout Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Grouting Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Joint Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Mixer Mobile(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Mixer Single Drum Any Capacity(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Paving Machine 8' And Less (asst To Engineer Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Placing Boom(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Concrete, Pump Truck(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Pump(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Pumpcrete Operator (any Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Reinforced Tank Banding Machine (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Slip Form Pumps, Power Driven Hydraulic Lifting Device For Concrete Forms(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Spreader(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Telebelt(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Treated Base Roller Operator, Oiling(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Conveyor Operator Or Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Conveyored Material Hauler(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Bridge Locomotive, Gantry And Overhead(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Carry Deck(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Chicago Boom & Similar Types(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Floating (derrick Barge) 30 Ton But Less Than 150 Ton (asst To Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Floating 150 Ton But Less Than 250 Ton (asst To Engineer Required) (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Floating 250 Ton And Over (asst To Engineer And Deckhand Required)(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Floating Clamshell 3 Cu. Yds. & Over (fireman Or Diesel Electric Engineer Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Floating Clamshell, Dragline Etc. Operator Under 3 Cu. Yds. Or Less Than 30 Ton (diesel-electric Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 200 Ton Through 399 Ton (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 50 Ton Through 89 Ton With Luffing Or Tower Attachment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 50 Ton Through 89 Tons(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 90 Ton Through 199 Ton With Luffing Or Tower Attachment (group 1)	\$73.56	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 90 Ton Through 199 Ton(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Crane 200 Ton Through 300 Ton With Luffing Or Tower Attachment(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Crane 400 Ton And Over(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Crane Over 300 Ton Through 399 Ton With Luffer Or Tower Attachment(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Under 50 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 200 Ton Through 299 Ton, With Over 200' Boom(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 300 Ton Through 399 Ton(group 1)	\$75.72	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 300 Ton Through 399 Ton, With Over 200' Boom(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 50 Ton Through 89 Ton With 150' Boom Or Less(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 50 Ton Through 89 Ton With Over 150' Boom	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 90 Ton Through 199 Ton With 150' - 200' Boom(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom Under 50 Ton(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom, 200 Ton Through 299 Ton With 200' Boom Or Less (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom, 90 Ton Through 199 Ton With Over 200' Boom (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Shovel, Dragline Or Clamshell 3 Cu. Yds. But Less Than 5 Cu. Yds. (asst To Engineer Required)(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Tower Crane With 175' Tower Or Less And With Less Than 200' Jib(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Tower Crane With Over 175' Tower Or Over 200' Jib (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Tugger(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Whirley 90 Ton And Over (group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Whirley Under 90 Ton(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crusher Feederman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crusher Oiler(group 6)	\$62.71	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Crusher Plant(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Deckhand(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Derrick Operator Under 100 Ton (two Operators Required When Swing Control Is Remote From Hoist)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Diesel-electric Engineer (plant Or Floating)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Directional Drill Over 20,000 Lbs Pullback(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Cat Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Directional Type Less Than 20,000 Lbs Pullback(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Doctor And/or (bit Grinder)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Mud Mixer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Oscillator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill, Directinal Locator(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Driller, Percussion, Diamond, Core, Cable, Rotary & Similar Type(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Elevating Grader Operator, Tractor Towed Requiring Operator Or Grader(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Elevating Loader Operator (any Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Elevator To Move Personnel Or Materials(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Over 80,000 Lbs Through 130,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Operator, Over 20,000 Lbs Through 80,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Operator, Over 130,000 Lbs(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Fireman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Floating, Crane 350 Ton And Over (asst To Engineer And Deckhand Required)(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Fork Lift(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Fork Lift, Over 10 Ton Or Robotic(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Generator Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Grade Checker(group 6)	\$62.71	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Grade Setter / Layout From Plans(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Grade-all(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Guardrail Machines, I.e. Punch, Auger, Etc.(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Guardrail Punch Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hammer Operator (pile Driver)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Heavy Duty Repairman Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Heavy Equipment Robotics Operator Or Mechanic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter Hoist(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter Radioman (ground)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter When Used In Erecting Workcrane(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist Operator, Single Drum(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist, 2 Drums Or More(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist, Stiff Leg, Guy Derrick Or Similar Type, 50 Ton And Over(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydraulic Backhoe Track Type Up To And Including 20,000 Lbs(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydraulic Backhoe Wheel Type (any Make)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydraulic Pipe Press(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydro Axe (loader Mounted Or Similar Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydrographic Seeder Machine Straw, Pulp Or Seed(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydrostatic Pump Operator(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Internal Full Slab Vibrator Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Jack Operator, Elevating Barges, Barge Operator, Self-unloading (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Laser Screed(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Lattice Boom Crane 400 Ton And Over(group 1)	\$77.88	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Lime Spreader, Construction Job Site(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders Operator, Front End & Overhead, 25,000 Lbs And Less Than 60,000 Lbs(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders, 120,000 Lbs And Above(group 2)	\$71.65	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Loaders, 60,000 Lbs And Less Than 120,000 Lbs(group 3)	\$70.50	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders, Rubber-tire Type, Less Than 25,000 Lbs(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Log Skidders(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Master Environmental Maintenance Mechanic(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Material Handler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Mechanic, Heavy Duty(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Mixer Box (c.t.b., Dry Batch, Etc.)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Parts Man (tool Room)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pavement Grinder And Or Grooving Machine (riding Type)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pile Driver Operator (not Crane Type) (asst To Engineer Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pipe Bending, Cleaning, Doping And Wrapping Machines(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pipe, Cast In Place Pipe Laying Machine(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Plant Oiler(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pump (any Power)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pump Operator, More Than 5 Pumps (any Size)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Ballast Compactor, Regulator Or Tamper Machines(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Ballast Tamper Multi-purpose(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Brakeman, Switchman, Motorman(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Car Mover(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Clip Applicator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, High Rail Self Loader Truck(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Lo-railer(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Locomotive, 40 Ton And Over (asst To Engineer Required)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Shuttle Car Operator(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Speedswing(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Switchman(group 6)	\$62.71	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Rail, Tamping Machine, Mechanical, Self-propelled(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Track Liner(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Remote Controlled Earth Moving Equipment(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rigger(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Roller Grading (not Asphalt)(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rubber-tired Dozers And Pushers(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Scraper All Types(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Service Oiler (greaser)(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Shovel, Dragline, Clamshell, 5 Yards And Over(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Side-boom(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Skip Loader, Drag Box(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Stump Grinder (loader Mounted Or Similar Type)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Surface Heater And Planer(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Sweeper Self-propelled, Construction Job Site(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tar Pot Fireman (power Agitated) Or Not(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tractor Rubber-tired, 50 Hp Flywheel & Under(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tractor, Rubber-tired Over 50 Hp Flywheel(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Trenching Machine 3 Ft Depth And Deeper (asst To The Operator If Required)(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Trenching Machine Operator, Maximum Digging Capacity 3 Ft Depth(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler-driver(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, All Terrain Or Track Type(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Barrel Type(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Boom(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Off-road Trucks, Articulated And Non-articulated Trucks(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Offroad Trucks, Articulated And Non-articulated Trucks(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Vacuum(group 5)	\$65.93	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Truck, Water(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tub Grinder(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Boring Machine Mechanic(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Boring Machine(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Segment Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Separation Plant(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Shaef Loader(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Locomotive, Dinkey(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Micro Boring Tunnel Machine(group 1)	\$73.56	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Mucking Machine(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Power Jumbo Setting Slip Forms, Etc.(group 5)	\$65.93	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Shield Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Ultra High Pressure Water Jet Cutting Tool System Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Underwater Equipment, Remote Or Otherwise(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Vacuum Blasting Machine Operator(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Water Pulls, Water Wagon(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welder's Assistant(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welder; Heavy Duty, Certified Or Not(group 4)	\$67.17	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welding Machine(group 6)	\$62.71	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Wheel Excavation Any Size (grade Oiler Required)(group 2)	\$71.65	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Wire Mat Or Brooming Machine(group 6)	\$62.71	7B	4G	8U
Power Line Clearance Tree Trimmers	Journey Level In Charge	\$61.73	5A	4A	
Power Line Clearance Tree Trimmers	Spray Person	\$58.44	5A	4A	
Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$61.73	5A	4A	
Power Line Clearance Tree Trimmers	Tree Trimmer	\$55.14	5A	4A	
Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$41.68	5A	4A	
Refrigeration & Air Conditioning Mechanics	Journey Level	\$90.96	5A	1G	
Residential Brick Mason	Journey Level	\$23.02		1	
Residential Carpenters	Journey Level	\$26.70		1	
Residential Cement Masons	Journey Level	\$16.28		1	
Residential Drywall Applicators	Journey Level	\$36.07		1	
Residential Drywall Tapers	Journey Level	\$16.28		1	
Residential Electricians	Journey Level	\$30.53		1	
Residential Glaziers	Journey Level	\$42.76		1	

Residential Insulation Applicators	Journey Level	\$28.53		1	
Residential Laborers	Journey Level	\$46.95	6Z	1M	8T
Residential Marble Setters	Journey Level	\$23.02		1	
Residential Painters	Journey Level	\$51.86	7E	11L	
Residential Plumbers & Pipefitters	Journey Level	\$51.05		1	
Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$99.92	7F	1E	
Residential Sheet Metal Workers	Journey Level	\$99.92	7F	1E	
Residential Soft Floor Layers	Journey Level	\$61.44	7E	11Q	
Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$41.11		1	
Residential Stone Masons	Journey Level	\$23.02		1	
Residential Terrazzo Workers	Journey Level	\$16.28		1	
Residential Terrazzo/Tile Finishers	Journey Level	\$36.64		1	
Residential Tile Setters	Journey Level	\$16.28		1	
Roofers	Journey Level	\$64.45	5A	3H	
Roofers	Using Irritable Bituminous Materials	\$67.45	5A	3H	
Sheet Metal Workers	Journey Level (Field or Shop)	\$99.92	7F	1E	
Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	\$85.39	5N	1F	
Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	\$85.39	5N	1F	
Sign Makers & Installers (Electrical)	Journey Level	\$16.88		1	
Sign Makers & Installers (Non-Electrical)	Journey Level	\$16.28		1	
Soft Floor Layers	Journey Level	\$63.29	15J	4C	
Solar Controls For Windows	Journey Level	\$16.28		1	
Sprinkler Fitters (Fire Protection)	Journey Level	\$75.30	7J	1R	
Stage Rigging Mechanics (Non Structural)	Journey Level	\$16.28		1	
Stone Masons	Journey Level	\$74.09	5A	1B	
Street And Parking Lot Sweeper Workers	Journey Level	\$16.28		1	
Surveyors	Chain Person	\$62.71	7B	1B	9H
Surveyors	Instrument Person	\$65.93	7B	1B	9H
Surveyors	Party Chief	\$71.65	7B	1B	9H
Telecommunication Technicians	Journey Level	\$74.89	5A	1B	
Telephone Line Construction - Outside	Cable Splicer	\$41.35	5A	2B	
Telephone Line Construction - Outside	Hole Digger/Ground Person	\$27.31	5A	2B	
Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$34.53	5A	2B	
Telephone Line Construction - Outside	Telephone Lineperson	\$39.07	5A	2B	
Terrazzo Workers	Journey Level	\$64.27	5A	1B	
Tile Setters	Journey Level	\$64.27	5A	1B	
Tile, Marble & Terrazzo Finishers	Finishers	\$47.95	5A	1B	
Traffic Control Stripers	Journey Level	\$88.42	15N	1K	
Truck Drivers	Asphalt Mix Over 10 Yards	\$49.39	5A	1B	
Truck Drivers	Asphalt Mix To 10 Yards	\$49.24	5A	1B	
Truck Drivers	Dump Truck	\$49.24	5A	1B	
Truck Drivers	Dump Truck And Trailer	\$49.39	5A	1B	
Truck Drivers	Other Trucks	\$49.39	5A	1B	
Truck Drivers - Ready Mix	Transit Mix 5 cubic yards and under	\$49.24	5A	1B	
Truck Drivers - Ready Mix	Transit Mix over 11 cubic yards up to 15 cubic yards	\$49.85	5A	1B	
Truck Drivers - Ready Mix	Transit Mix over 5 cubic yards up to 7 cubic yards	\$49.39	5A	1B	
Truck Drivers - Ready Mix	Transit Mix Over 7 cubic yards up to 11 cubic yards	\$49.54	5A	1B	
Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$16.28		1	
Well Drillers & Irrigation Pump Installers	Oiler	\$16.28		1	

Well Drillers & Irrigation Pump Installers	Well Driller	\$17.97		1	
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Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

**WSDOT's
Predetermined List for
Suppliers - Manufactures - Fabricator**

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

ITEM DESCRIPTION	YES	NO
1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		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 vaned 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 Contract 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.]

Benefit Code Key – Effective 8/31/2024 thru 3/4/2025

Overtime Codes

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

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

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

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

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

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

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

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

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

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

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

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

- M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

- I. N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

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

- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
- F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
- M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

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

- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

Overtime Codes Continued

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

- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.
- D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

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

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).
- All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.
- Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus \$2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).
- 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. 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 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

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

B. After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

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

After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

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

After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Overtime Codes Continued

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

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.

- H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

- J. All hours worked on holidays shall be paid at double the hourly rate of wage.

- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.

- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

Overtime Codes Continued

11. M. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.
- On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars (\$2.00) per hour.
- N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.
- Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.
- O. All work performed on Saturdays, Sundays, and Holidays shall be paid at one and one half (1-1/2) times the straight time rate of pay.

Overtime Codes Continued

11. P. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 a.m. to 6:00 p.m., then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shifts shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten-hour shifts.
- 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.
- Q. 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 35% over the hourly rate of wage. Work performed on Sundays shall be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.
- R. On Monday through Saturday hours worked outside 6:00 am and 7:00 pm, and all hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- When a holiday falls on a Saturday, the Friday before shall be the observed holiday. When a holiday falls on a Sunday, the following Monday shall be the observed holiday.
- S. The first ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions, or other conditions beyond the control of the Employer, then Saturday may be worked at the straight time rate, for the first eight (8) hours, or the first ten (10) hours when a four day ten hour workweek has been established.
- 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.
- 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.

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11. T. 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.
- U. 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.
- If, 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 a Special Shift may be worked, Monday through Friday, at the straight-time rate. The starting time of work for the Special Shift will be arranged to fit such conditions of work. Such Special Shift shall consist of eight (8) hours of work for eight (8) hours of pay or ten (10) hours of work for ten(10) hours of pay on a four-ten workday schedule.

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).

Holiday Codes Continued

- 5. I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

Holiday Codes Continued

- 6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

Holiday Codes Continued

7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Holiday Codes Continued

7. 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.

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Holiday Codes Continued

7. K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (9). 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.
- 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, Independence Day, Labor Day, Veteran's 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. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- M. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day and Christmas Day (9). 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.
- N. 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). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- O. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, the day before Christmas day, and Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

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Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- 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.
8. 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.

Note Codes Continued

- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.

When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.

Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Note Codes Continued

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

- (A) – 130’ to 199’ – \$0.50 per hour over their classification rate.
- (B) – 200’ to 299’ – \$0.80 per hour over their classification rate.
- (C) – 300’ and over – \$1.00 per hour over their classification rate.

Note Codes Continued

9. B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.
- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

Benefit Code Key – Effective 8/31/2024 thru 3/4/2025

9. I. 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'.

Employees may be required to perform any combination of work within the Diving team/crew, (with the exception of dive Supervisor) provided they are paid at the highest rate at which he/she has worked for the shift.

- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.

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.

APPENDICES

The following appendices are hereby provided and are made a part of the Contract Documents. The Contractor shall perform all work in accordance with the plans and specifications subject to the requirements and conditions contained within the Appendices.

Appendix A – Standard Plans

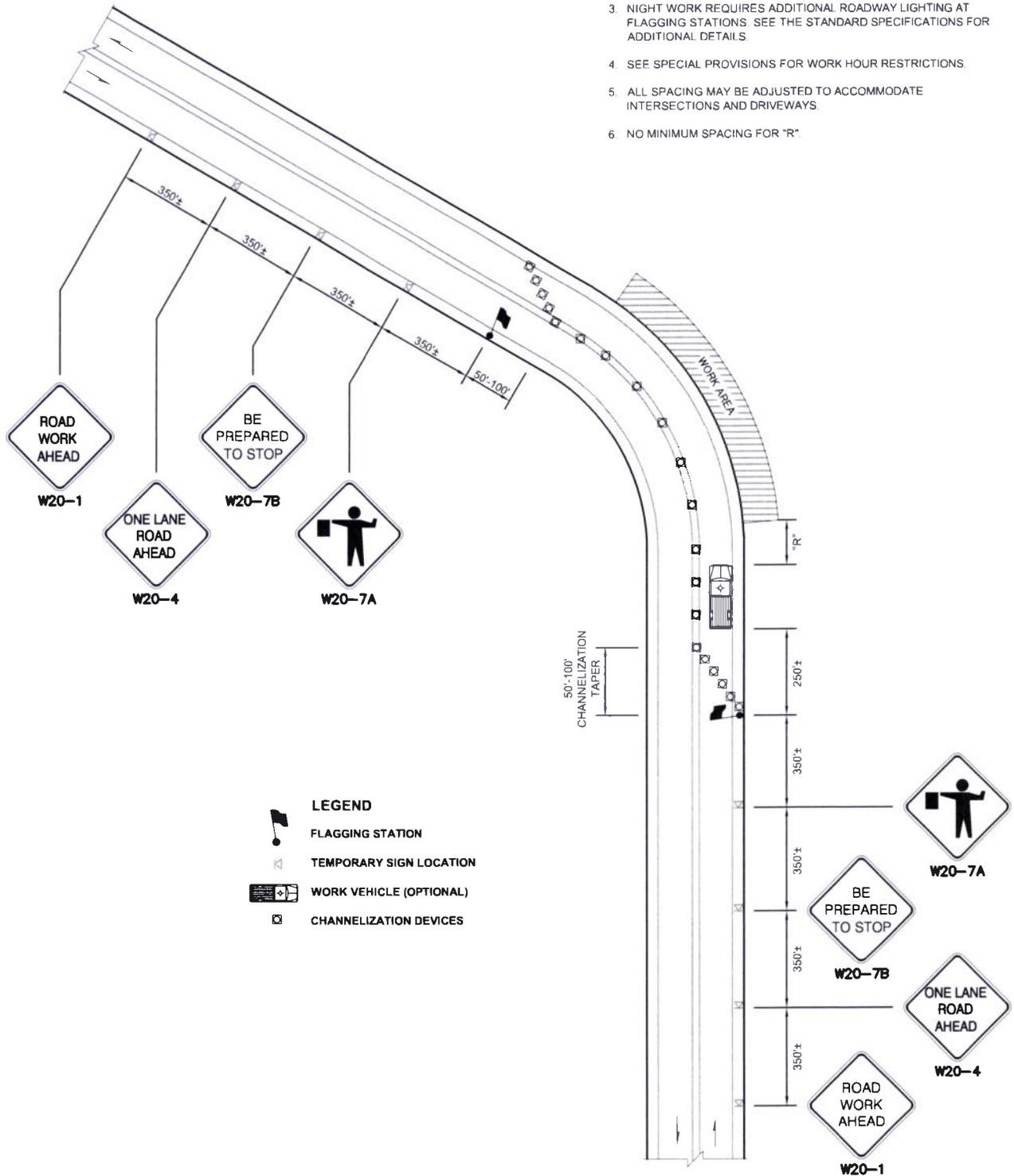
Appendix B – Known Repair Locations

APPENDIX A

Standard Plans

NOTES:

1. ALL SIGNS ARE BLACK ON ORANGE WITH 36" x 36" DIMENSIONS
2. WORK VEHICLE (OPTIONAL) MUST DISPLAY HIGH - INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
5. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS
6. NO MINIMUM SPACING FOR "R".



R.B.
DESIGNED BY
S.M.
DRAWN BY

APPROVED BY
3/4/2024
DATE

**2024 UNIT PRICE GUARDRAIL
INSTALLATION & REPAIR PROJECT**

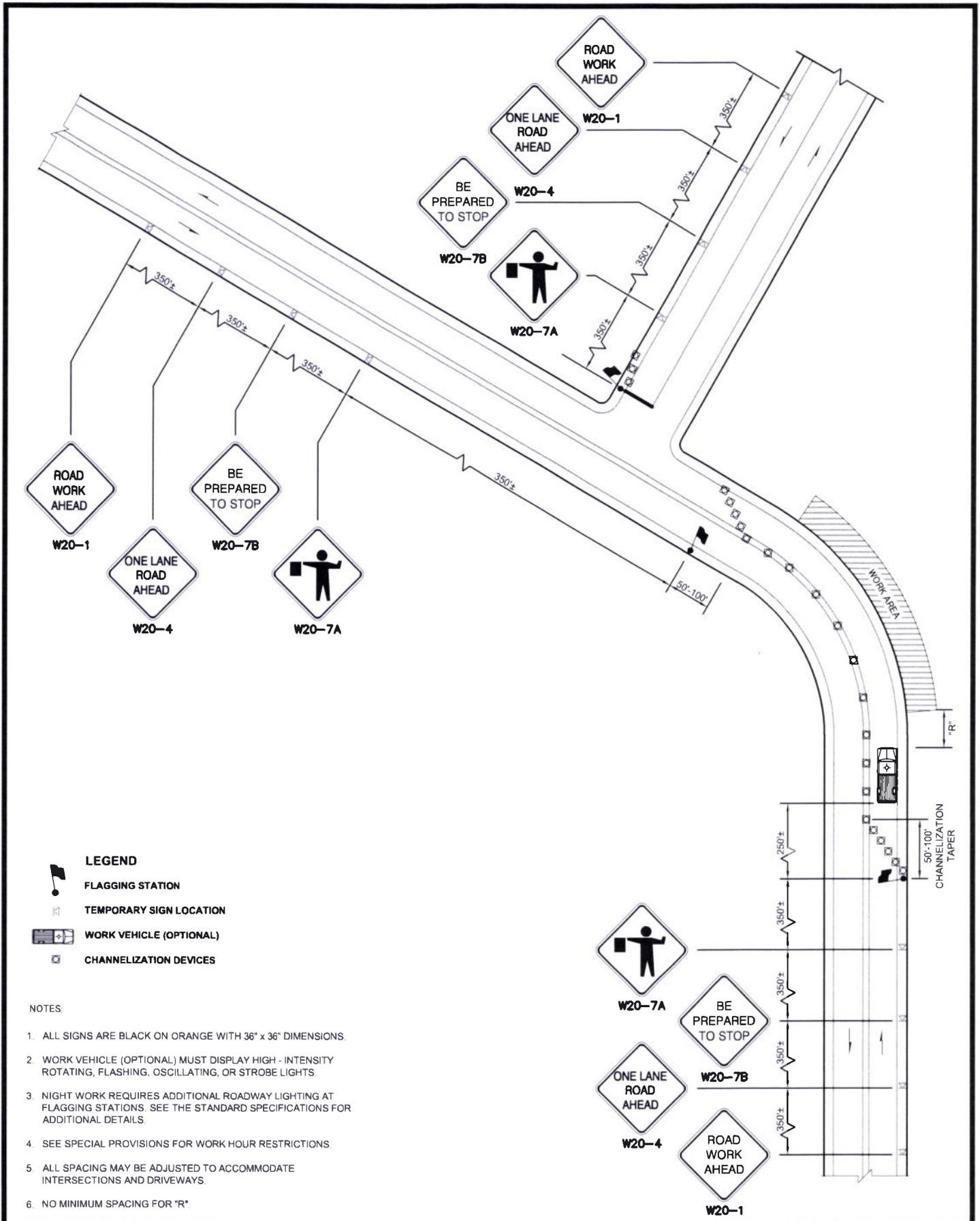
**LANE CLOSURE
WITH FLAGGERS**



DEPARTMENT
OF PUBLIC
WORKS

1600 13th AVENUE SOUTH
KELSO, WASHINGTON
98626

SHEET
1
OF
1



R.B.
DESIGNED BY
S.M.
DRAWN BY
APPROVED BY
3/4/2024
DATE

**2024 UNIT PRICE GUARDRAIL
INSTALLATION & REPAIR PROJECT
LANE CLOSURE AT INTERSECTION
WITH FLAGGERS**

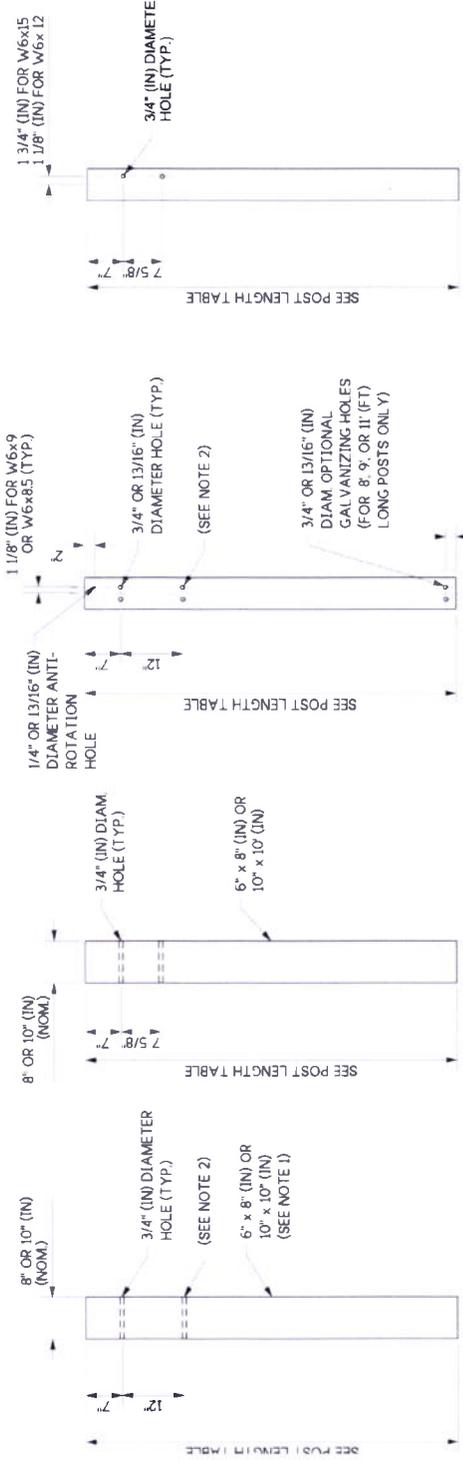


DEPARTMENT
OF PUBLIC
WORKS
1600 13th AVENUE SOUTH
KELSO, WASHINGTON
98626

SHEET
1
OF
1

NOTES:

1. Wood posts for all guardrail placement plans shall be 6" x 8" (in) except where noted otherwise.
2. Lower hole is for w-beam rub rail of Beam Guardrail Type 31 - Buried Terminal Type 2.
3. W6x8.5 or W6x9 steel posts and timber blocks are alternates for 6x8 timber posts and blocks. W6x15 steel posts and timber blocks are alternates for 10" x 10" (in) 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" min. high x 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.



W-BEAM (WOOD POST)

THRIE-BEAM (WOOD POST)

THRIE-BEAM (WOOD POST)

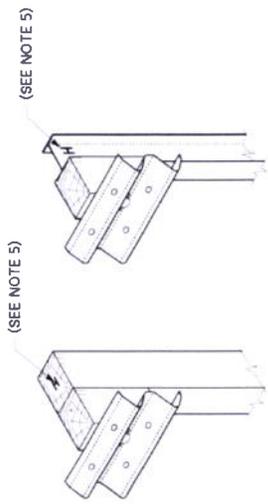
W-BEAM (WOOD POST)

THRIE-BEAM (STEEL POST - SEE NOTES 3 AND 4)

W-BEAM (STEEL POST - SEE NOTES 3 AND 4)

GUARDRAIL TYPE	LENGTH
TYPE 31	6'-0"
	8'-0" *
	9'-0" *
THRIE BEAM	11'-0" *
	VARIABLES **

POST	A	B
W6 x 8.5	6" NOMINAL	4 1/4"
W6 x 9	6" NOMINAL	4 1/4"
W6 x 12	6" NOMINAL	4 1/4"
W6 x 15	8" NOMINAL	6 1/4"



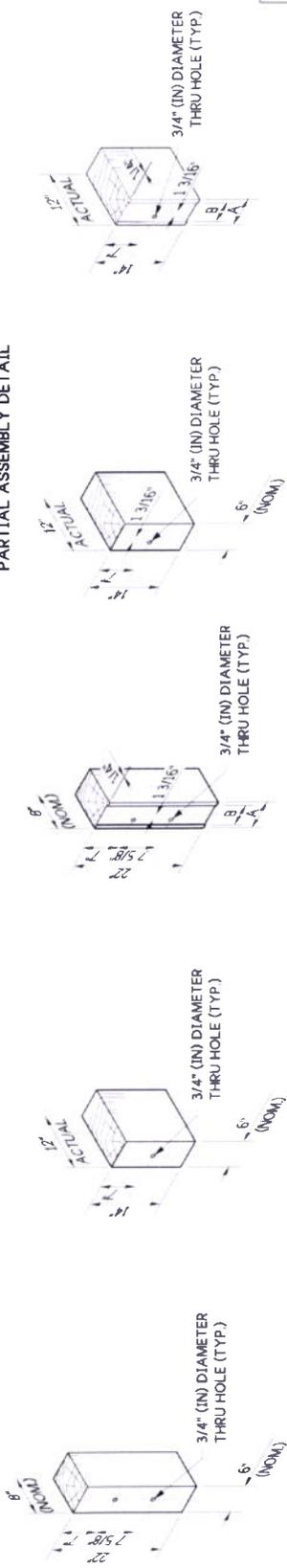
TIMBER POST

STEEL POST

PARTIAL ASSEMBLY DETAIL

* SEE CONTRACT FOR "BEAM GUARDRAIL TYPE - __ FT. LONG POST" LENGTHS (SEE NOTE 5)

** SEE STANDARD PLANS FOR THRIE BEAM POST LENGTHS



THRIE-BEAM WOOD BLOCK FOR WOOD POST

W-BEAM WOOD BLOCK FOR WOOD POST

ROUTED THRIE-BEAM WOOD BLOCK FOR STEEL POST

W-BEAM WOOD BLOCK FOR STEEL POST

ROUTED W-BEAM WOOD BLOCK FOR STEEL POST



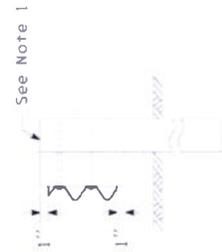
Oct 12, 2023

BEAM GUARDRAIL POSTS AND BLOCKS
STANDARD PLAN C-1b

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

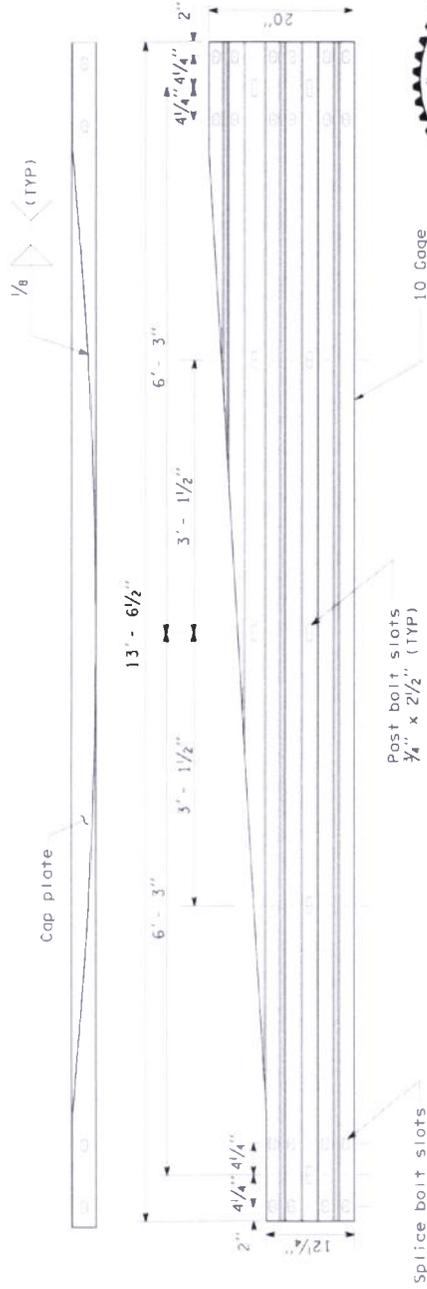
Oct 12, 2023



INTERMEDIATE GUARDRAIL
POST CONNECTION DETAILS
(Type A shown)

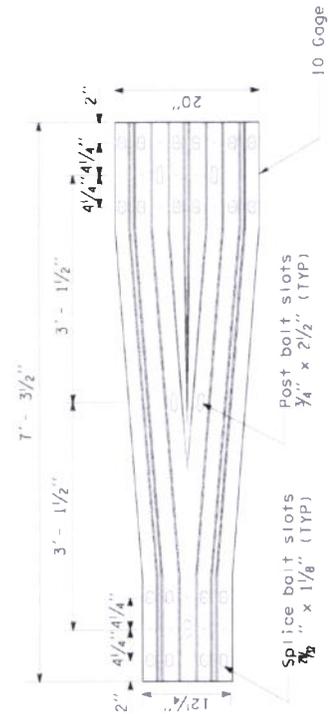
NOTES

- For wood posts, saw top of post and block to 1" above thrie beam guardrail reducer section. For steel posts, drive post down to 1" maximum above the thrie beam guardrail reducer section.



THRIE BEAM GUARDRAIL REDUCER SECTION
TYPE A

(Left section shown, right section reversed)



THRIE BEAM GUARDRAIL REDUCER SECTION
TYPE B



EXPIRES JULY 24, 2004

THRIE BEAM GUARDRAIL
REDUCER SECTION
STANDARD PLAN C-1d

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 10-31-03

STATE DESIGN ENGINEER DATE

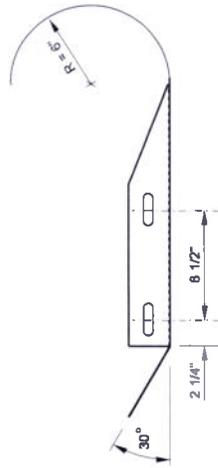
Washington State Department of Transportation

DATE	ADDED TO GAGE STEEL DESIGNATION	REV.	BY
08/2003			
DATE	REVISION	BY	BT

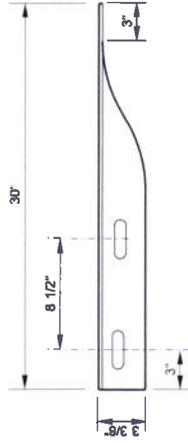
NOTE: THIS PLAN IS NOT A FINAL ENGINEERING DOCUMENT. THE DESIGNER HAS ASSUMED THE LIABILITY OF THIS DESIGN. ANY CHANGES TO THIS DESIGN SHALL BE OBTAINED UPON REQUEST.

NOTES

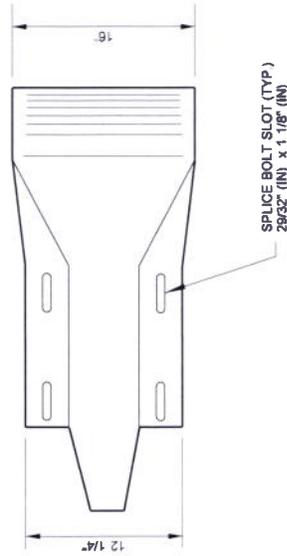
1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts (five minimum) Standard Specification Section 9-06.5(4), with thin slab ferrule inserts or resin bonded anchors. See the Contract Plans.
2. In cases where Design "F" end section is lapped on the outside of the guardrail, a galvanized 1" (in) ID, 2" (in) OD, 0.134" (in) thick, narrow Type A Plain Washer or an anchor rail washer shall be placed under the splice bolt heads.



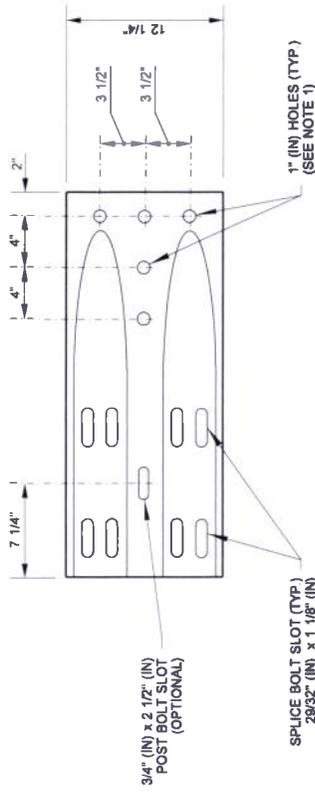
PLAN



PLAN



**ELEVATION
DESIGN C**



**ELEVATION
DESIGN F
(SEE NOTE 2)**



Sep 8, 2022

**BEAM GUARDRAIL
END SECTIONS
STANDARD PLAN C-7**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

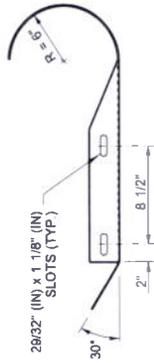
Sep 8, 2022

Mark Gabriel
STATE DESIGN ENGINEER

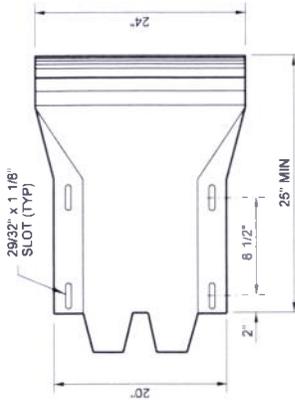
Washington State Department of Transportation

NOTES

1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts (five minimum) **Standard Specification Section 9-06.5(4)**, with thin slab ferrule inserts or resin bonded anchors. See the Contract Plans.
2. In cases where Design F End Section is lapped on the outside of the guardrail, a galvanized 1" (in) ID, 2" (in) OD, 0.134" (in) thick, narrow Type A Plain Washer or an anchor rail washer will be placed under the splice bolt heads.

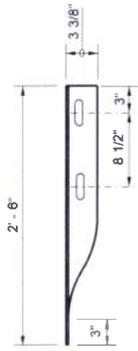


PLAN

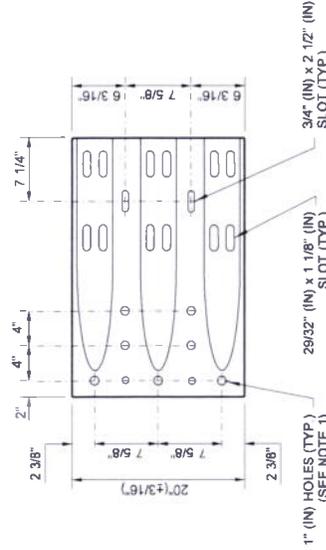


ELEVATION

DESIGN C (THRIE BEAM)



PLAN



ELEVATION

DESIGN F (THRIE BEAM)

(SEE NOTE 2)



Sep 8, 2022

**THRIE BEAM
END SECTIONS
STANDARD PLAN C-7a**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Sep 8, 2022

Mark Campbell
STATE DESIGN ENGINEER

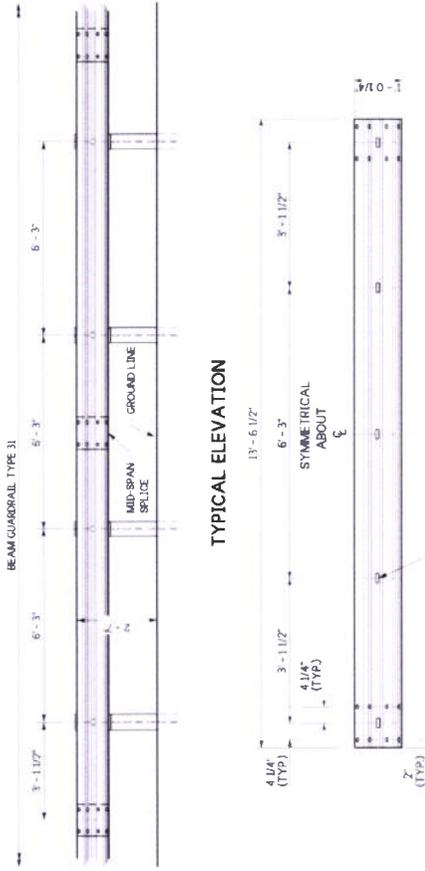
STATE OF WASHINGTON

Department of Transportation



NOTES

1. Refer to Standard Plan C-1b for additional details not shown on this plan.
2. Extend shoulder pavement to provide a base for the extruded curb. See Contract Plans for exceptions to distances shown.
3. Use a single block or combination of blocks (no more than two (2) to achieve the actual 12" (in) offset. See Standard Specification Section 9-16.3(2). Wood blocks shall be secured to the posts with anti-rotation nails. If combination blocks are used, the adjacent blocks shall be toenailed with two 16d galvanized nails to prevent block rotation.
4. Wood blocks are shown. Blocks of an approved alternative material may be used. See Standard Specification Section 9-16.3(2).
5. All posts for any standard barrier run shall be of the same type, timber or steel.
6. Attach blockouts to steel posts using bolt holes on approaching traffic side of post web.
7. Anti-rotation holes in steel posts are not required when using blocks with anti-rotation features (e.g., routed blocks).

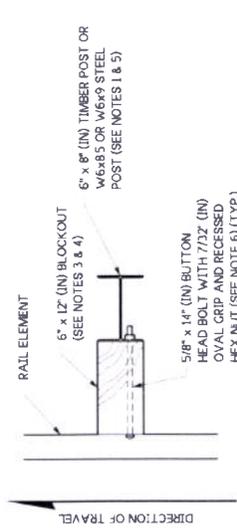


TYPICAL RAIL ELEMENT

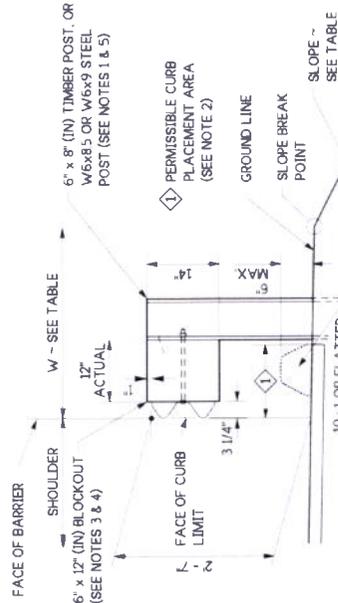
SLOPE/BANK TABLE FOR 6', 8', 9', AND 11' LONG POSTS		
POST LENGTH	SLOPE	W (FT)
6-FOOT	2H:1V OR FLATTER	25 MIN
6-FOOT	1H:1V OR FLATTER	40 MIN
8-FOOT	STEEPER THAN 2H:1V TO 1H:1V	25 MIN
8-FOOT	2H:1V	0
8-FOOT	FACE OF BARRIER AT SLOPE BREAK POINT	0
9-FOOT	STEEPER THAN 2H:1V TO 1.5H:1V	0
9-FOOT	FACE OF BARRIER AT SLOPE BREAK POINT	0
11-FOOT	STEEPER THAN 1.5H:1V TO 1H:1V	0
11-FOOT	FACE OF BARRIER AT SLOPE BREAK POINT	0

* MAY BE USED ONLY IF SHOWN IN CONTRACT DOCUMENTS

TYPICAL ELEVATION - WITHOUT CURB



PLAN VIEW

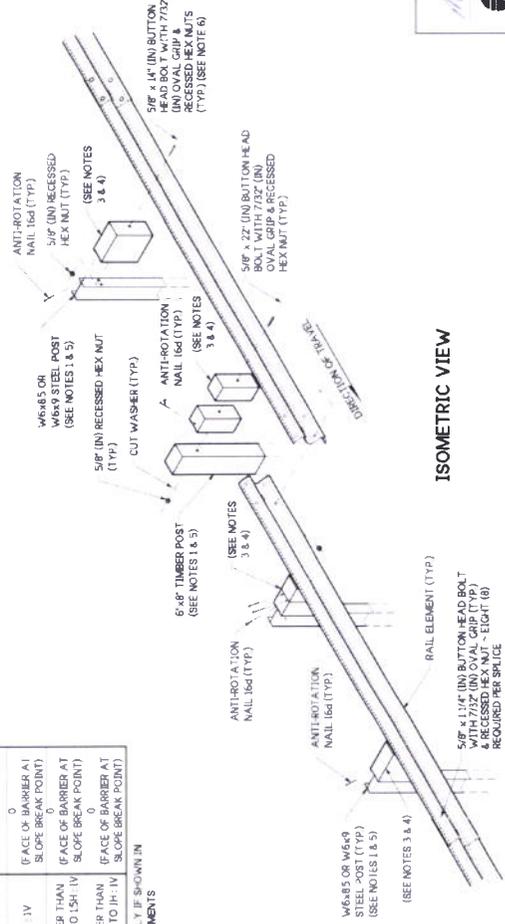


ELEVATION VIEW

TYPICAL SECTION - WITH CURB

EXTRUDED CURB TYPES 1, 2, 3, 4, 5, OR 6 (SEE CONTRACT FOR TYPE) FOR EXTRUDED CURB DETAILS. SEE STANDARD PLAN F-10.42

STEEL POST



ISOMETRIC VIEW



Oct 12, 2023

BEAM GUARDRAIL TYPE 31

STANDARD PLAN C-20.10-09

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

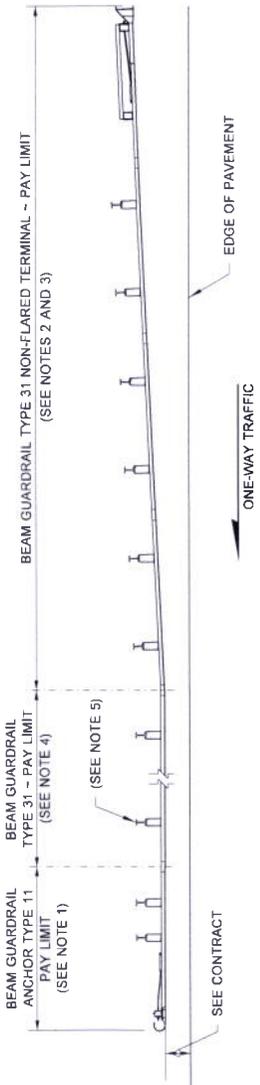
Oct 12, 2023

STATE DESIGN ENGINEER

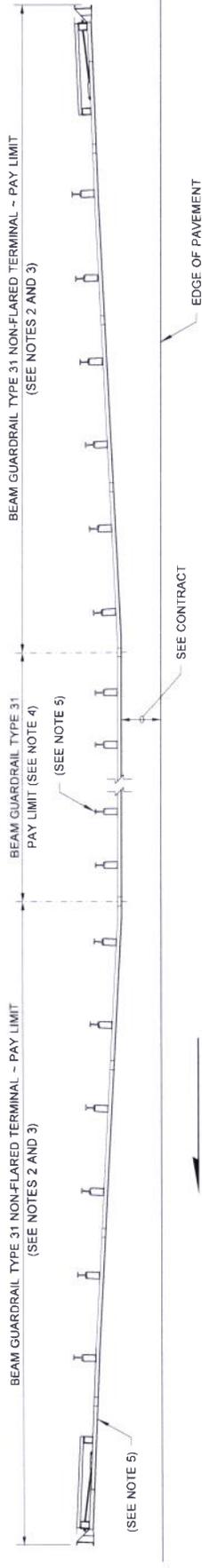


NOTES

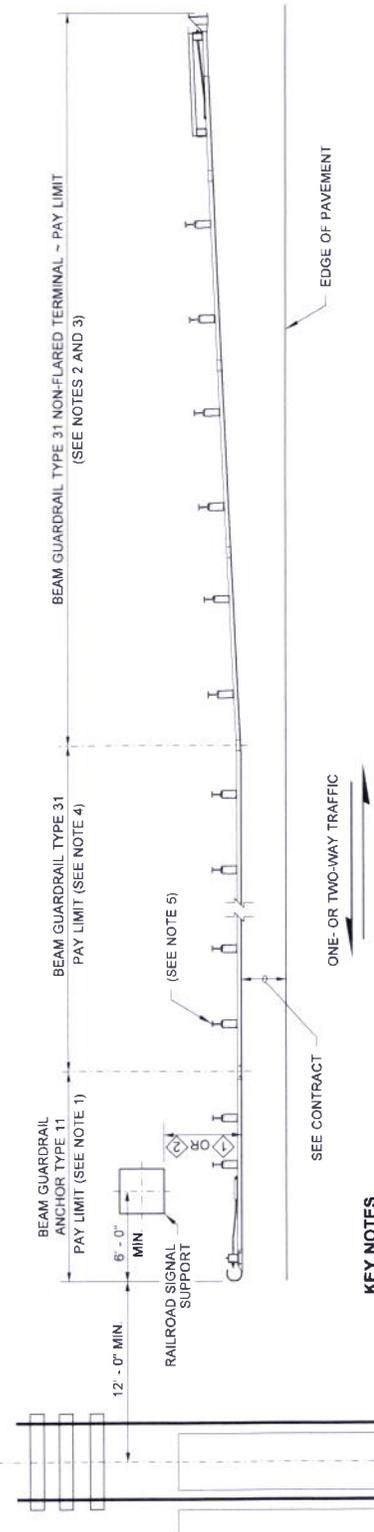
1. Where a crashworthy terminal is not required, use Beam Guardrail Anchor Type 11; see **Standard Plan C-23.70**.
2. Where a crashworthy terminal is required, use a Beam Guardrail Type 31 Non-Flared Terminal; see **Standard Plan C-22.40 or C-22.45**.
3. For terminal type and details, see Contract Plans and applicable drawings.
4. For additional details not shown on this plan, refer to **Standard Plan C-20.10**.
5. Timber or steel post. Steel post shown.



CASE 1-31



CASE 2-31



KEY NOTES

- 1. 9' - 0" Min. when railroad signal support is located 25-feet or less from end of guardrail run.
- 2. 5' - 0" Min. when railroad signal support is located greater than 25-feet from end of guardrail run.



Sep 8, 2022

**BEAM GUARDRAIL TYPE 31
PLACEMENT
(CASES 1-31, 2-31 & 3-31)
STANDARD PLAN C-20.14-05**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Mark Gabel
MARK GABEL ENGINEERING, INC.

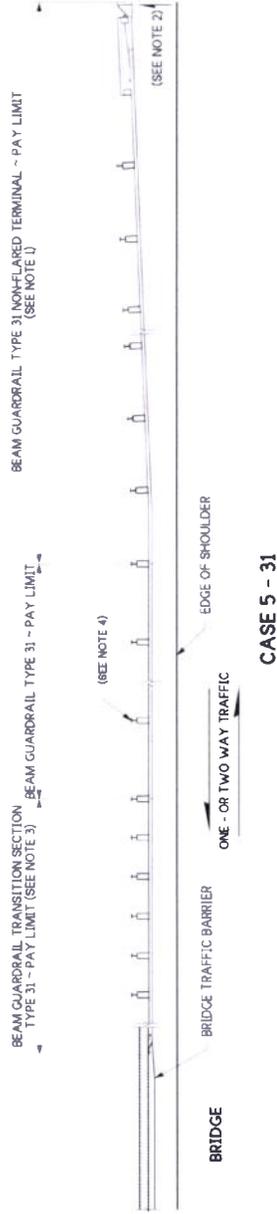
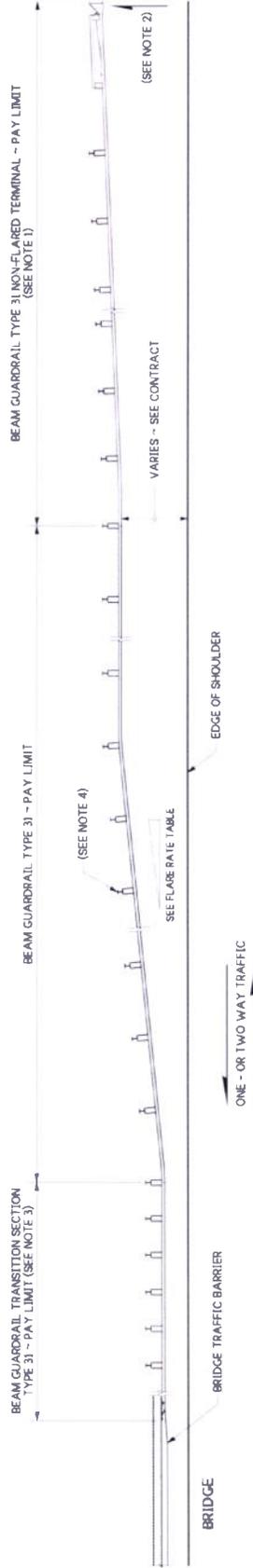
Sep 8, 2022

STATE DESIGN ENGINEER

Washington State Department of Transportation

NOTES:

1. For details, see Standard Plan C-22.40 or C-22.45.
2. The slope from the edge of the paved shoulder into the back of the guardrail post should not be steeper than 10H : 1V.
3. See Contract for Beam Guardrail Transition Section type and Connection to Bridge Traffic Barrier or Concrete Barrier. See Standard Plan C-24.10 for connection details.
4. Timber or steel post. Steel post shown.



FLARE RATE TABLE	
POSTED SPEED (MPH)	RATE (FT)
65 - 70	15 : 1 OR FLATTER
60	14 : 1 OR FLATTER
55	12 : 1 OR FLATTER
50	11 : 1 OR FLATTER
45	10 : 1 OR FLATTER
40 OR LESS	9 : 1 OR FLATTER



Oct 12, 2023
**BEAM GUARDRAIL TYPE 31
 PLACEMENT
 CASES (4-31 & 5-31)
 STANDARD PLAN C-20.15-03**

SHEET 1 OF 1 SHEET

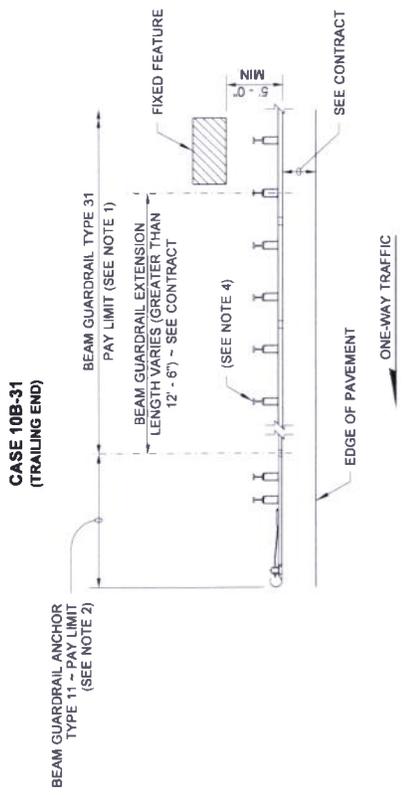
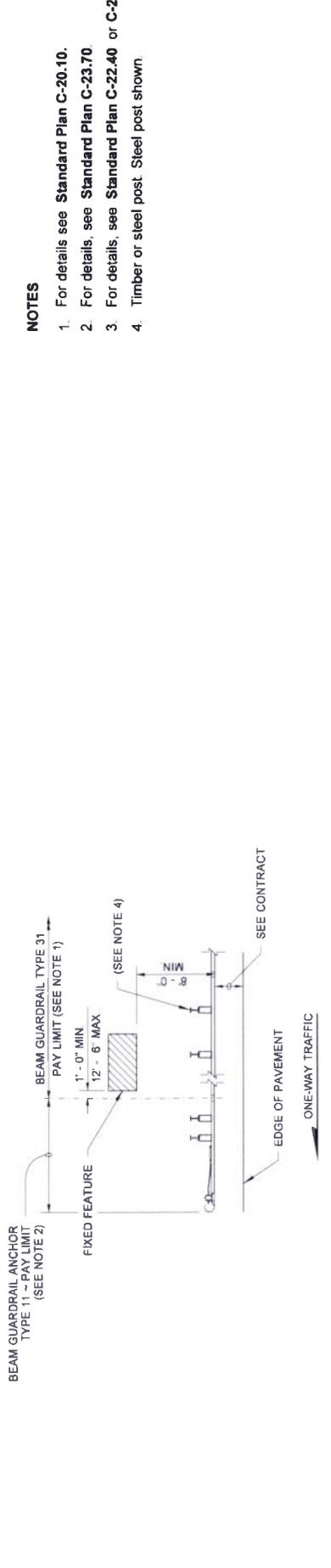
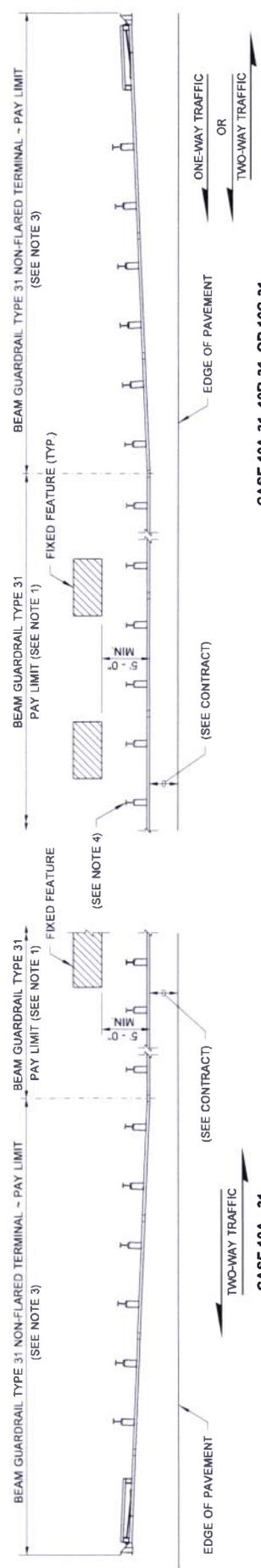
APPROVED FOR PUBLICATION

Oct 12, 2023

STATE DESIGN ENGINEER



Mark A. Evans



NOTES

1. For details see **Standard Plan C-20.10**.
2. For details, see **Standard Plan C-23.70**.
3. For details, see **Standard Plan C-22.40** or **C-22.45**.
4. Timber or steel post. Steel post shown



Sep 8, 2022

**BEAM GUARDRAIL TYPE 31
PLACEMENT (CASES 10A-31,
10B-31 & 10C-31)
STANDARD PLAN C-20.18-04**

SHEET 1 OF 1 SHEET

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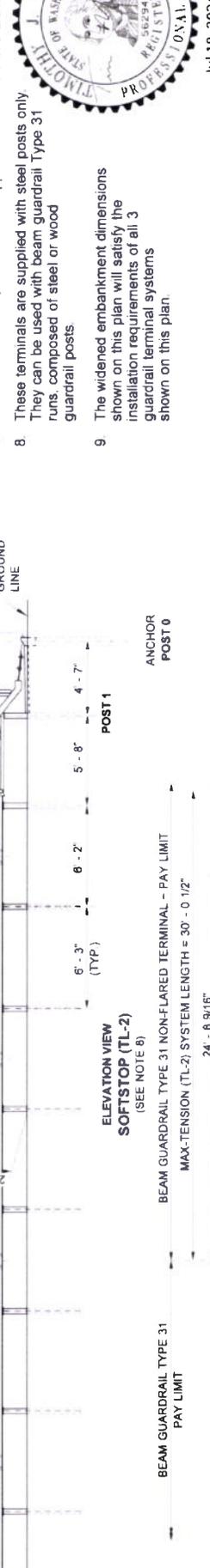
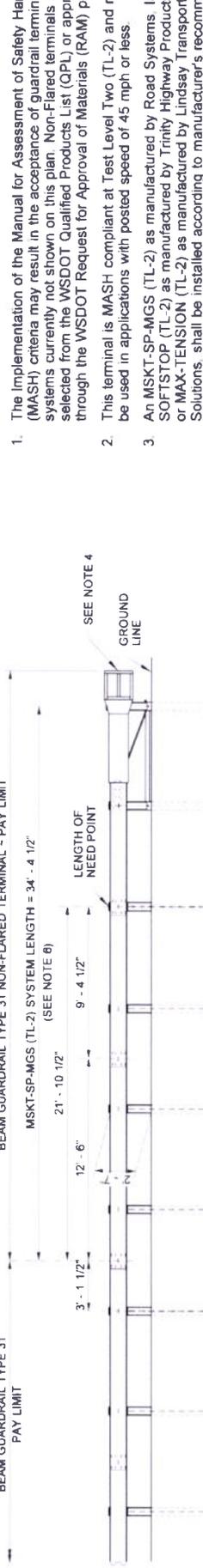
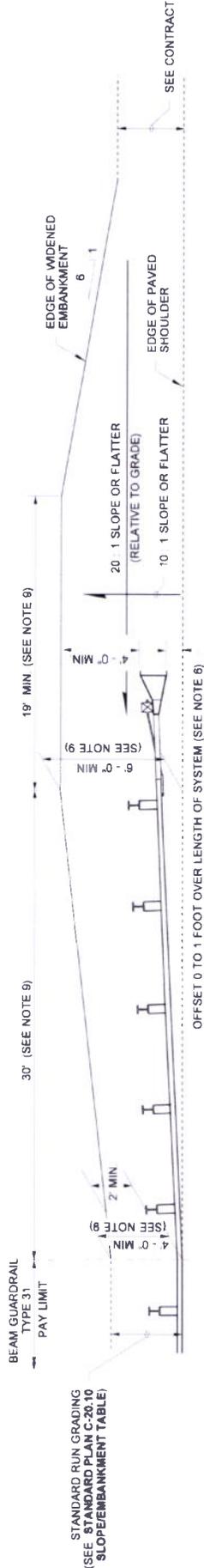
Sep 8, 2022

Mark Coates

STATE DESIGN ENGINEER



Washington State Department of Transportation



NOTES

1. The Implementation of the Manual for Assessment of Safety Hardware (MASH) criteria may result in the acceptance of guardrail terminal systems currently not shown on this plan. Non-Flared terminals shall be selected from the WSDOT Qualified Products List (QPL) or approved through the WSDOT Request for Approval of Materials (RAM) process.
2. This terminal is MASH compliant at Test Level Two (TL-2), and may be used in applications with posted speed of 45 mph or less.
3. An MSKT-SP-MGS (TL-2) as manufactured by Road Systems, Inc. SOFTSTOP (TL-2) as manufactured by Trinity Highway Products, LLC, or MAX-TENSION (TL-2) as manufactured by Lindsay Transportation Solutions, shall be installed according to manufacturer's recommendations.
4. A reflectorized object marker shall be installed according to manufacturer's recommendations.
5. Snow load rail washers are not allowed.
6. Provide an offset between 0 to 1 foot so that the impact head does not encroach onto the paved shoulder. The offset is provided over the length of the terminal system from the center of the last post splice to either:
 - (1) The faces of the impact head at its leading edge (MSKT-SP-MGS), or
 - (2) The center of anchor Post 0 (Softstop or Max-Tension). Provide the maximum offset where practicable.
7. For terminal details, see WSDOT approved manufacturer's drawings.
8. These terminals are supplied with steel posts only. They can be used with beam guardrail Type 31 runs, composed of steel or wood guardrail posts.
9. The widened embankment dimensions shown on this plan will satisfy the installation requirements of all 3 guardrail terminal systems shown on this plan.



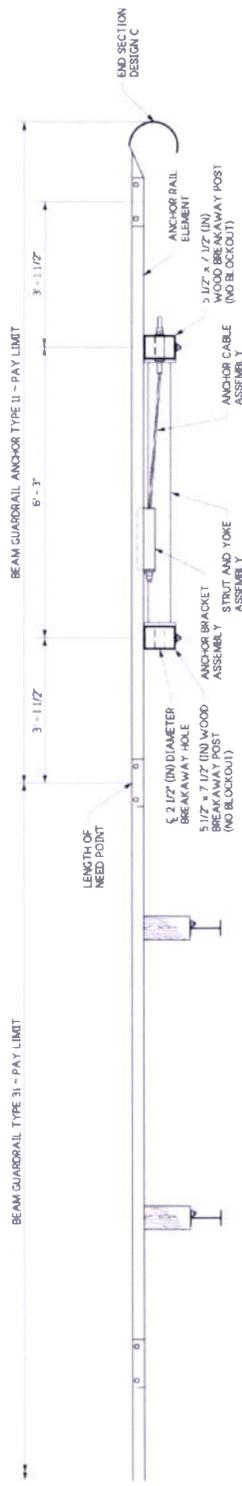
Jul 18, 2024

**BEAM GUARDRAIL TYPE 31
NON-FLARED TERMINAL
(POSTED SPEED
45 MPH AND BELOW)
STANDARD PLAN C-22.45-07**

SHEET 1 OF 1 SHEET
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Jul 21, 2024
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
Washington State Department of Transportation

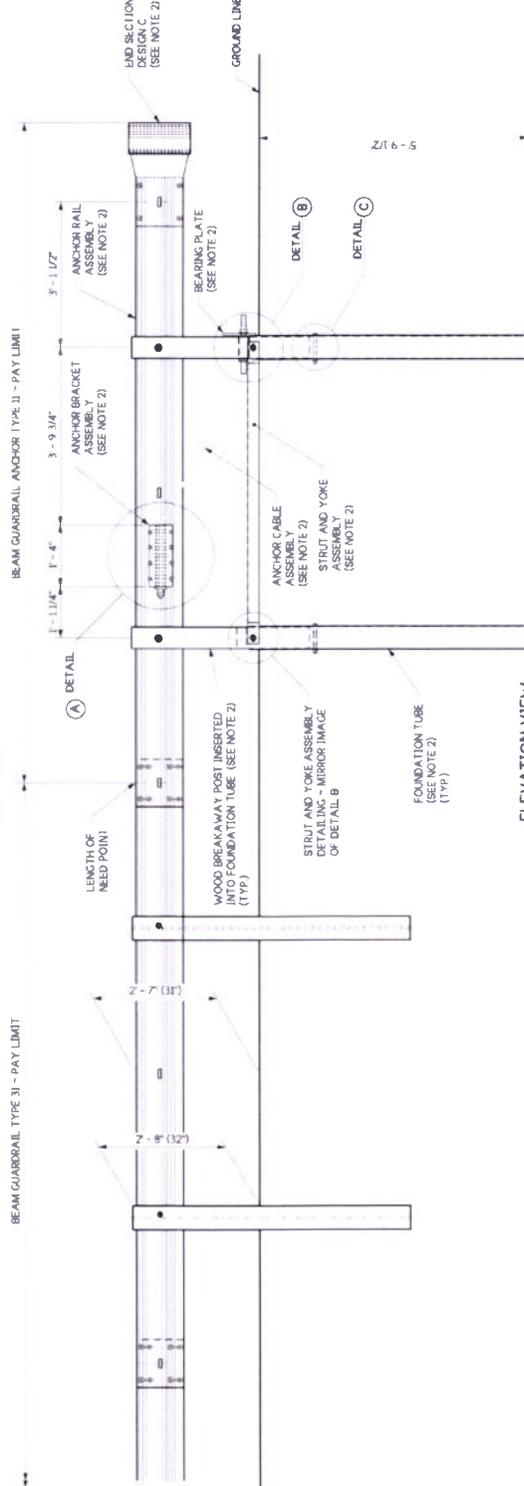
BEAM GUARDRAIL TYPE 31 - PAY LIMIT

BEAM GUARDRAIL ANCHOR TYPE II - PAY LIMIT

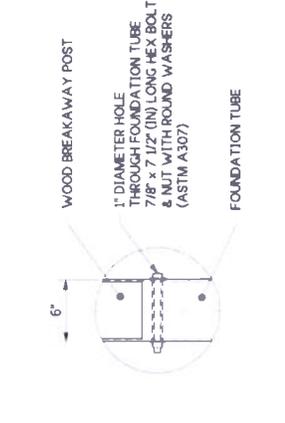
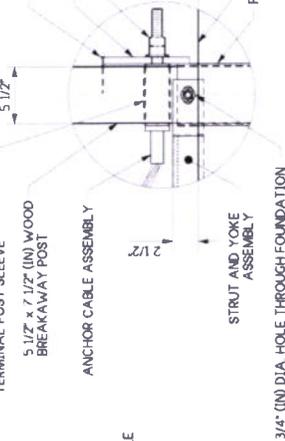
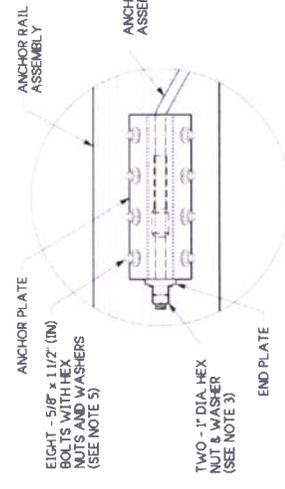


PLAN VIEW

BEAM GUARDRAIL TYPE 31 - PAY LIMIT



ELEVATION VIEW



NOTES

1. For typical rail element and post details not shown on this plan refer to Standard Plans C-20.10 and C-1b.
2. For additional details not shown, see Sheet 2 of this Plan.
3. Fasten the Anchor Cable using two 1" (in) nuts and washer, at both ends of cable. Outside nut shall be torqued against inside nut a minimum of 100 ft-lbs.
4. It is permissible to fabricate the anchor plate from 1/4" (in) thick plates welded to equal strength and dimensions as shown.
5. Eight 5/16" x 1 1/2" (in) machine bolts with hex nut and washer. Place washer on face side of rail.
6. Galvanizing of Anchor metal components shall be in accordance with Standard Specification Section 9-16.3(5).
7. See Standard Plans C-20.14 or C-20.18 for proper placement of Type II Anchors in front of fixed features.



Oct 13, 2023

BEAM GUARDRAIL TYPE 31 ~ ANCHOR TYPE II

STANDARD PLAN C-23.70-01

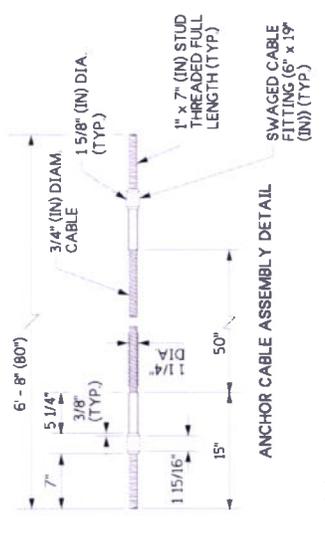
SHEET 1 OF 2 SHEETS

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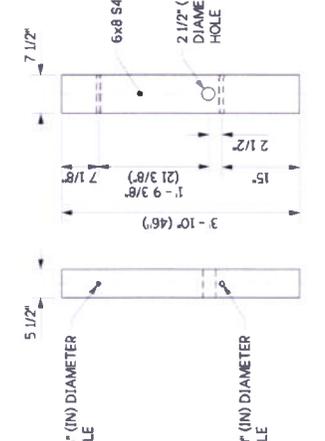
Oct 16, 2023

STATE DESIGN ENGINEER

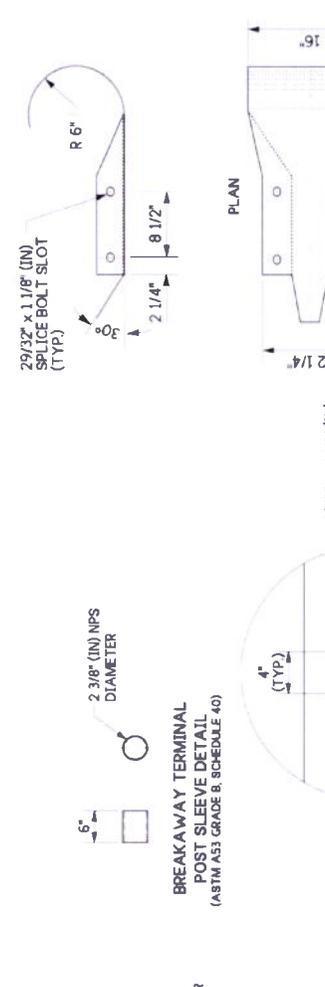




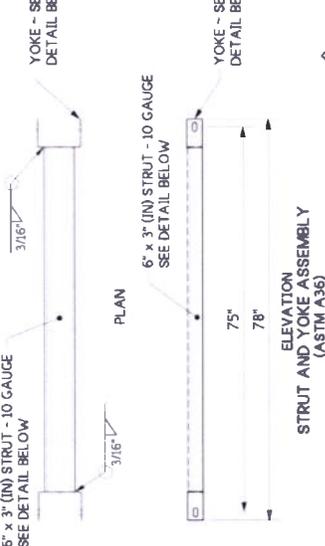
ANCHOR CABLE ASSEMBLY DETAIL



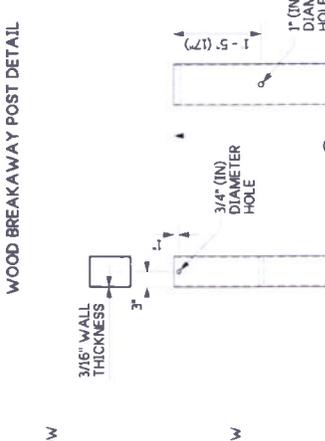
WOOD BREAKAWAY POST DETAIL



BREAKAWAY TERMINAL POST SLEEVE DETAIL (ASTM A53 GRADE B, SCHEDULE 40)



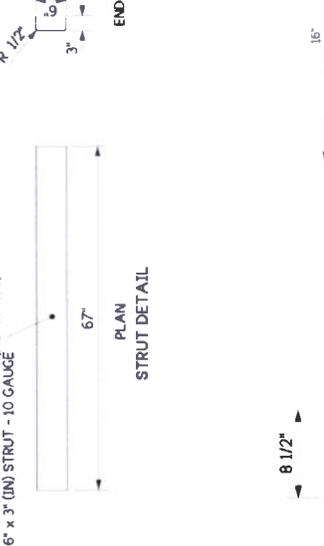
STRUT AND YOKE ASSEMBLY (ASTM A36)



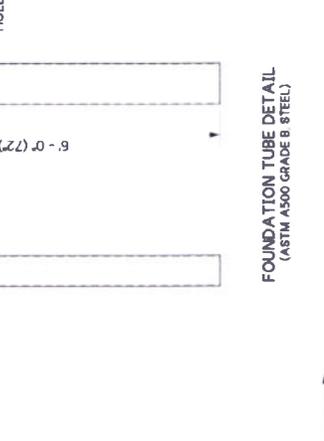
FOUNDATION TUBE DETAIL (ASTM A500 GRADE B STEEL)



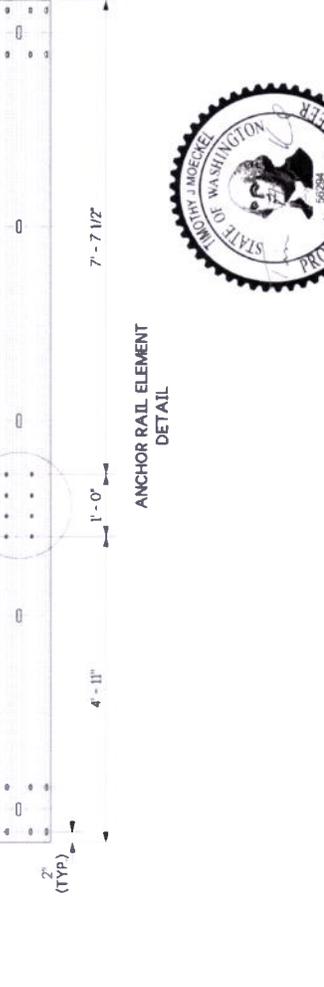
ANCHOR RAIL ELEMENT DETAIL



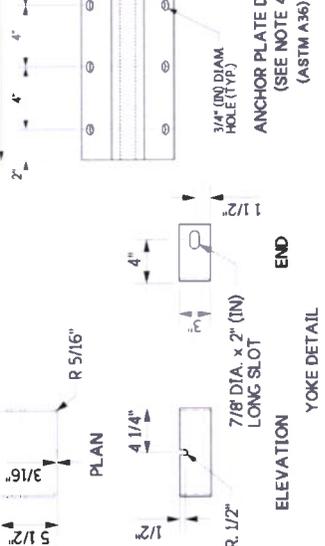
ANCHOR PLATE DETAIL (SEE NOTE 4) (ASTM A36)



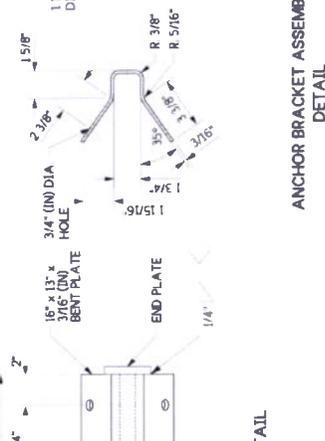
END PLATE DETAIL (ASTM A36)



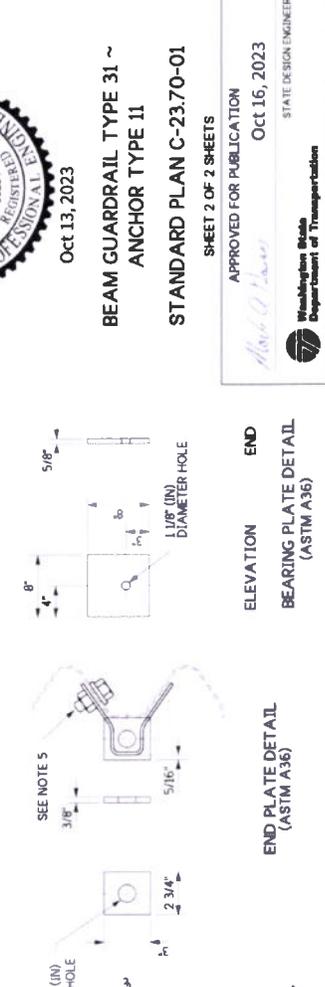
BEARING PLATE DETAIL (ASTM A36)



YOKE DETAIL



ANCHOR BRACKET ASSEMBLY DETAIL



DESIGN C END SECTION

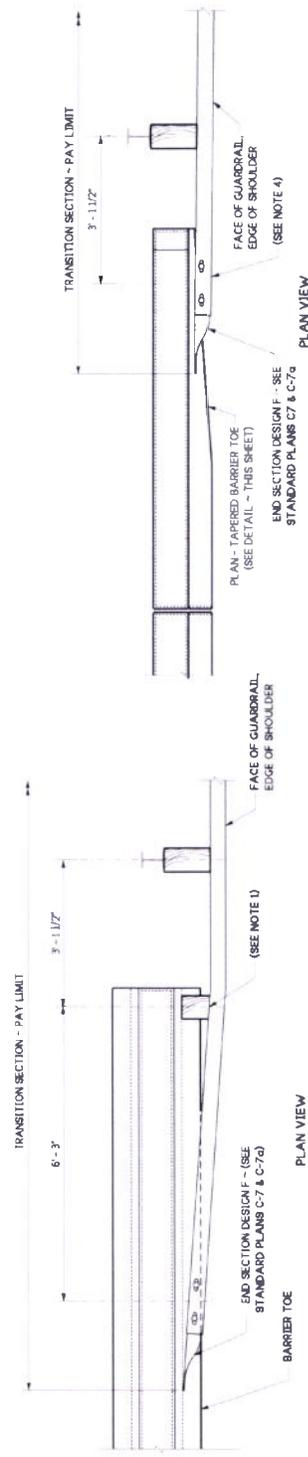


Oct 13, 2023
BEAM GUARDRAIL TYPE 31 ~ ANCHOR TYPE 11
STANDARD PLAN C-23.70-01

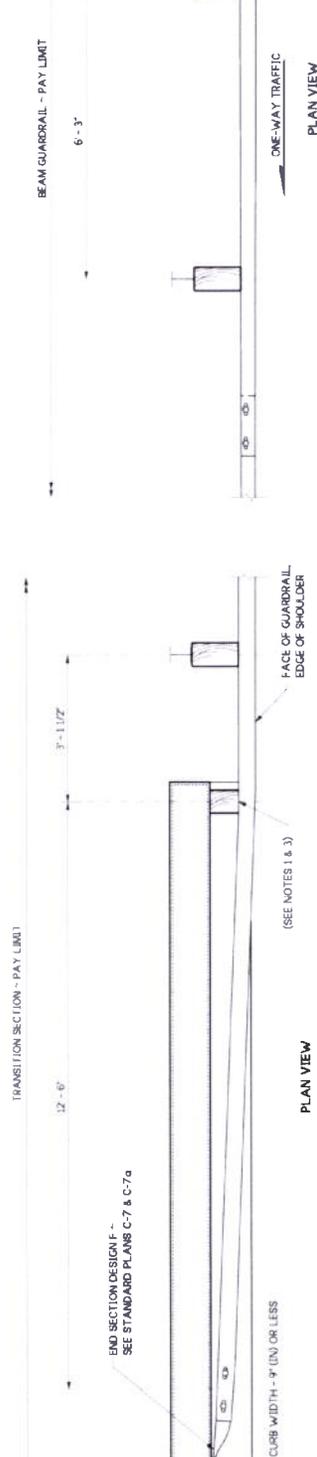
SHEET 2 OF 2 SHEETS
 APPROVED FOR PUBLICATION
 Oct 16, 2023
 STATE DESIGN ENGINEER
 Washington State
 Department of Transportation

NOTES

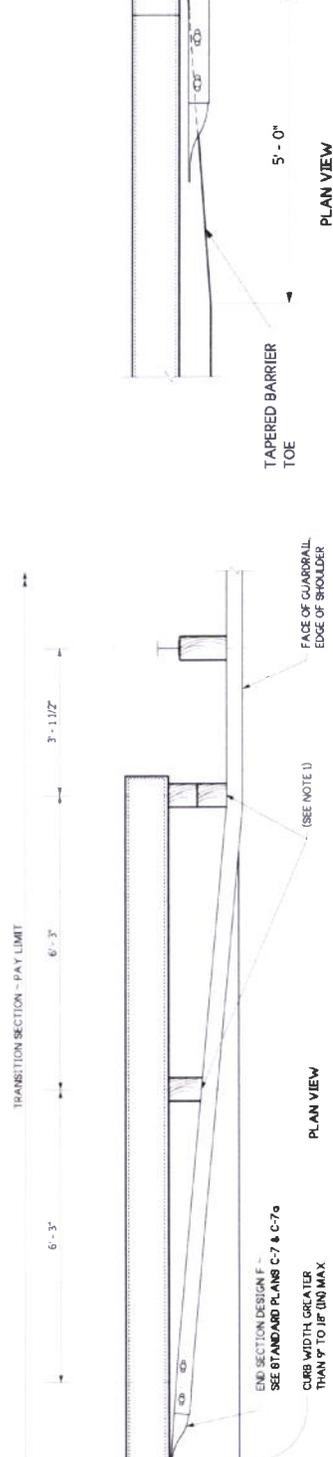
1. Attach guardrail to bridge rail or concrete barrier with 7/8" (n) diameter bolts with resin-bonded anchors per Standard Specification, Section 9-06.4.
2. Do not damage existing reinforcement. Core drilling allowed if existing reinforcement is located prior to drilling. Roughen edges of core drilled holes.
3. If the last quartrail post is 3" (n) or less from the end of the bridge barrier, this attachment and blockout is not necessary.
4. See Bridge Plans for additional connection details.
5. Wood blocks shown. Blocks of alternate material may be used. See Standard Specification, Section 9-16.3 (2).
6. Steel posts shown. Timber posts may be used.



A CONNECTION
FOR UNRESTRAINED PRECAST CONCRETE BARRIER (TYPE F, TYPE 2)
(TYPE F SHOWN)



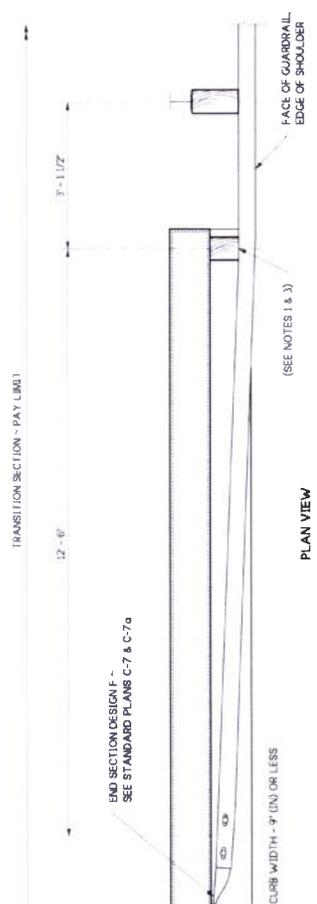
B CONNECTION
FOR BRIDGE RAILS WITH CURBS 9" (N) OR LESS, UNTAPERED SAFETY SHAPE BRIDGE RAIL (TYPE F, TYPE 2), AND UNTAPERED SAFETY SHAPE CONCRETE BARRIER WITH ANCHORS (TYPE F, TYPE 2).



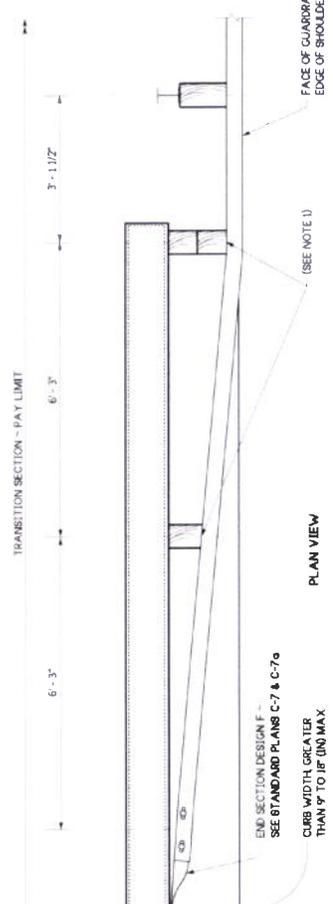
C CONNECTION
FOR BRIDGE RAILS WITH CURBS BETWEEN 9" AND 18" (N)

D CONNECTION

FOR VERTICAL WALLS, SINGLE SLOPE BRIDGE RAIL, SINGLE SLOPE CONCRETE BARRIER, TAPERED SAFETY SHAPE BRIDGE RAIL (TYPE F OR TYPE 2), AND TAPERED SAFETY SHAPE CONCRETE BARRIER WITH ANCHORS (TYPE F, TYPE 2)
(TAPERED SAFETY SHAPE BARRIER SHOWN)



F CONNECTION
FOR ALL BRIDGE RAIL AND CONCRETE BARRIER TYPES LOCATED ON TRAILING ENDS OF ONE-WAY TRAFFIC ROADWAYS



TAPERED BARRIER TOE DETAIL



Jul 18, 2024

GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE BARRIER
STANDARD PLAN C-24.10-05

SHEET 1 OF 1 SHEET

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Jul 21, 2024

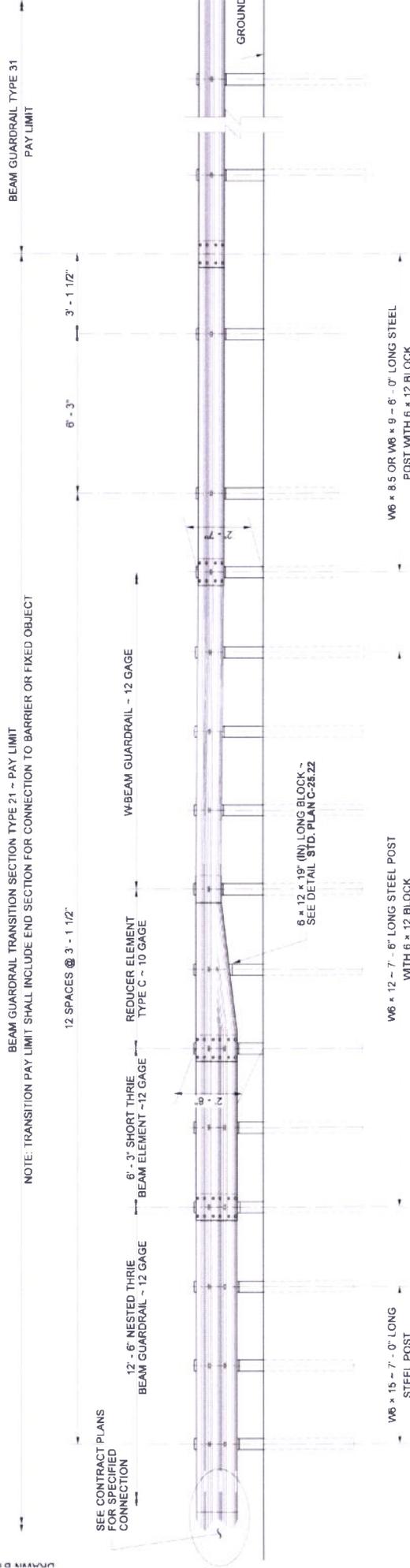
STATE DESIGN ENGINEER



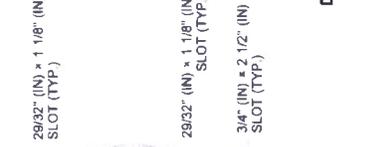
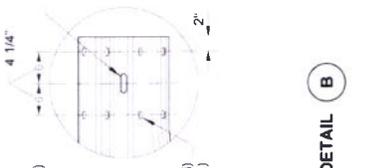
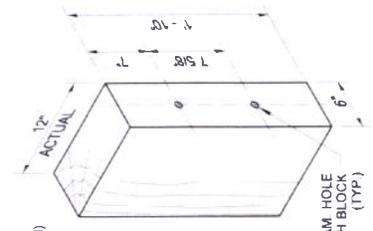
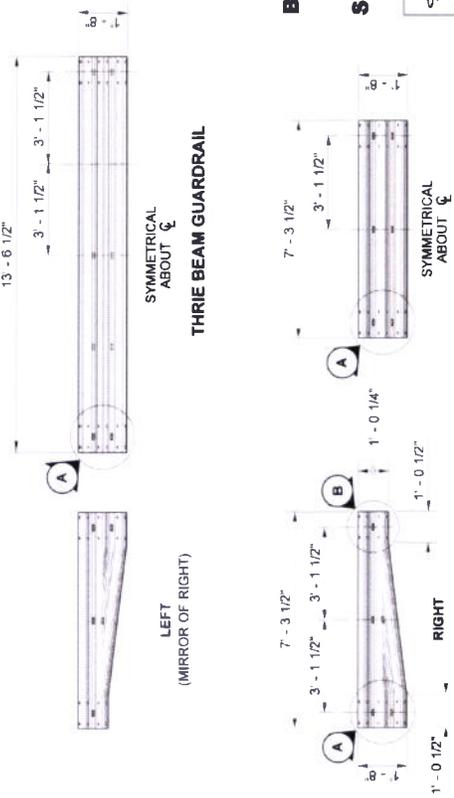
TAPERED BARRIER TOE DETAIL

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 past the face of the approach guardrail.
2. See **Standard Plan C-24.10** for details regarding connection to bridge rail or traffic barrier.
3. For details of typical components, see **Standard Plans C-1b** and **C-20.10**.
4. See **Standard Plans A-50.10 or A-50.40** for beam guardrail transition grading details at bridge ends.



ELEVATION



DETAIL A

DETAIL B

THIRIE BEAM WOOD BLOCK

REDUCER ELEMENT TYPE C

SHORT THIRIE BEAM ELEMENT



Aug 17, 2021

**BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION
TYPE 21
STANDARD PLAN C-25.20-07**

SHEET 1 OF 1 SHEET

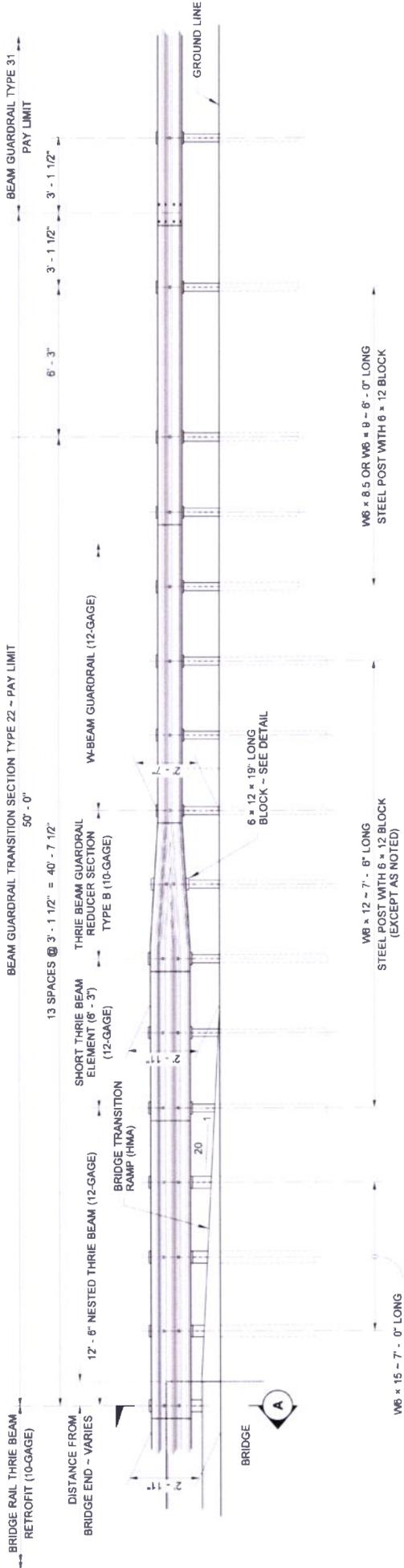
APPROVED FOR PUBLICATION
Aug 20, 2021

STATE DESIGN ENGINEER

Washington State Department of Transportation

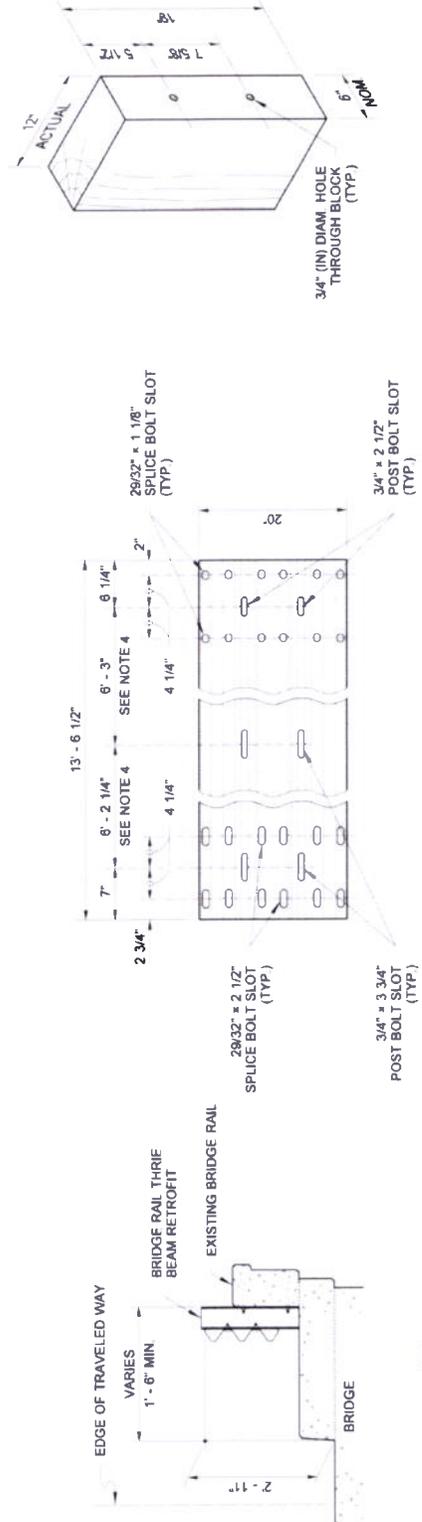
NOTES

1. See **Standard Plans C-1b, C-1d, C-20.10, and C-25.20** for rail elements and thrie beam block details
2. When a transition is required on the trailing end of the bridge, use a mirror image of this plan.
3. See **Standard Plans A-50.10, or A-60.40** for beam guardrail transition grading details at bridge ends.
4. Spacing may vary depending on application. See **Standard Specification Section 9-16.3(1)** for rail element requirements.



TYPE 22

APPROACH END (SHOWN - SEE NOTE 2)
THRIE BEAM INSTALLED AT FACE OF BRIDGE RAIL



SECTION A



Aug 17, 2021

**BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION
TYPE 22
STANDARD PLAN C-25.22-06**

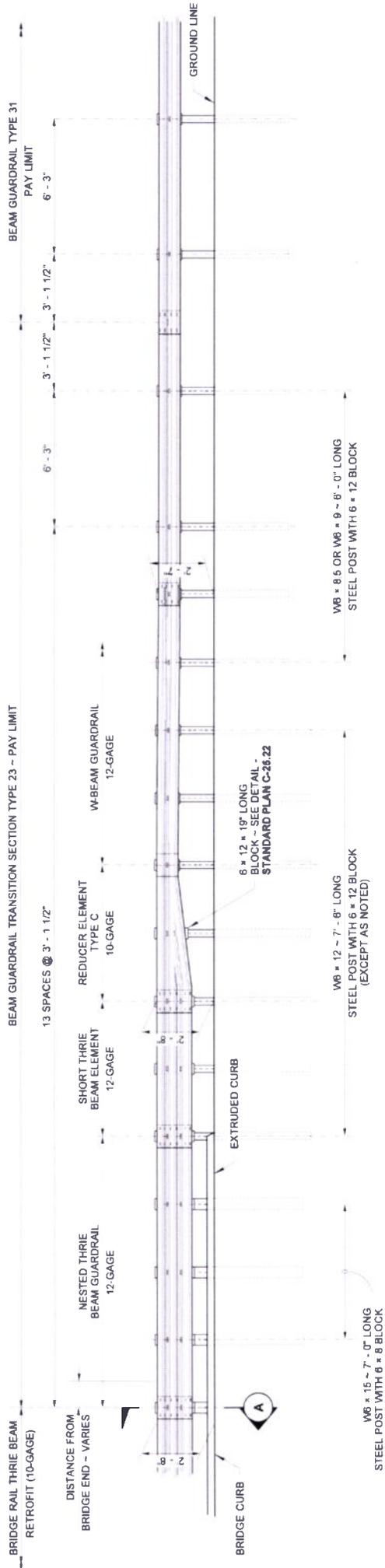
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Aug 20, 2021



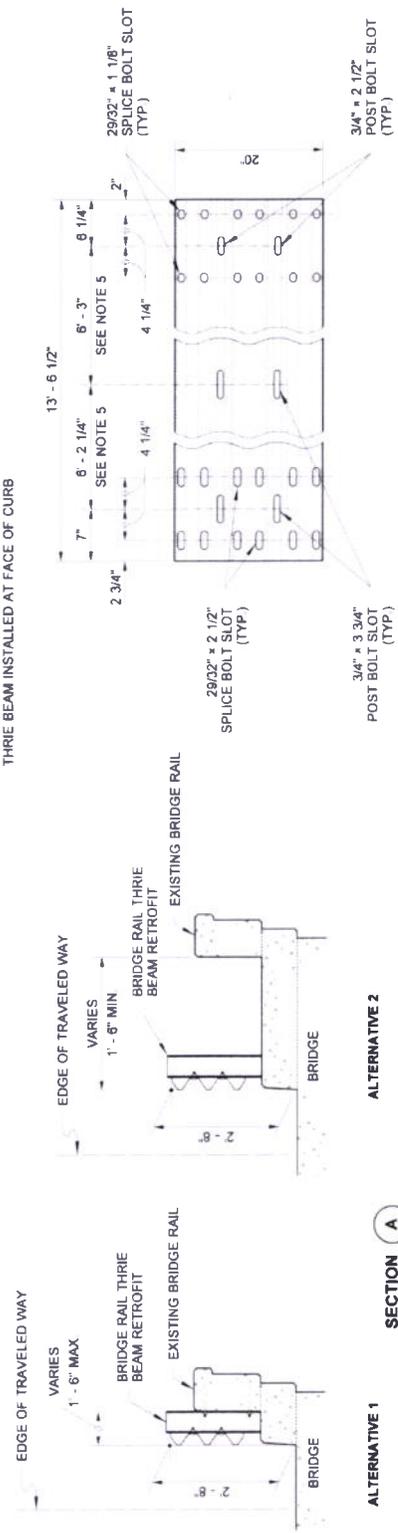
NOTES

1. See **Standard Plan C-1b, C-20.10, and C-25.20** for rail elements and three beam block details.
2. When a transition is required on the trailing end of the bridge, use a mirror image of this plan.
3. For additional alternatives not shown, see Contract Plans.
4. See **Standard Plans A-50.10, or A-50.40** for beam guardrail transition grading details at bridge ends.
5. Spacing may vary depending on application. See **Standard Specification section 9-16.3(1)** for rail element requirements.



TYPE 23

APPROACH END (SHOWN - SEE NOTE 2)
THREE BEAM INSTALLED AT FACE OF CURB



ALTERNATIVE 1

ALTERNATIVE 2

SECTION A
(SEE NOTE 3)



Aug 17, 2021

**BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION
TYPE 23
STANDARD PLAN C-25.26-05**

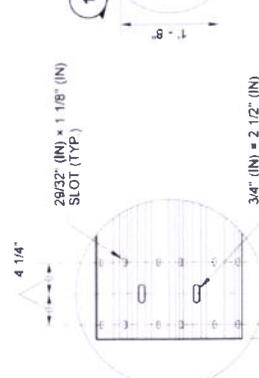
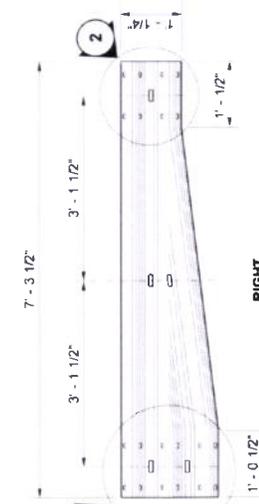
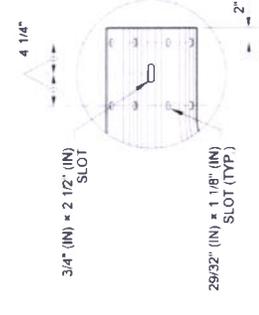
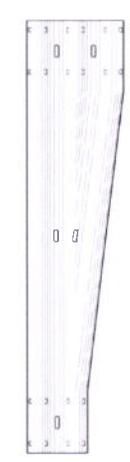
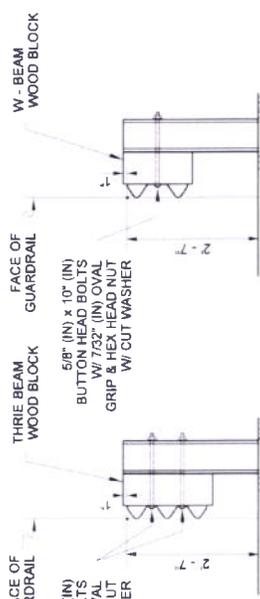
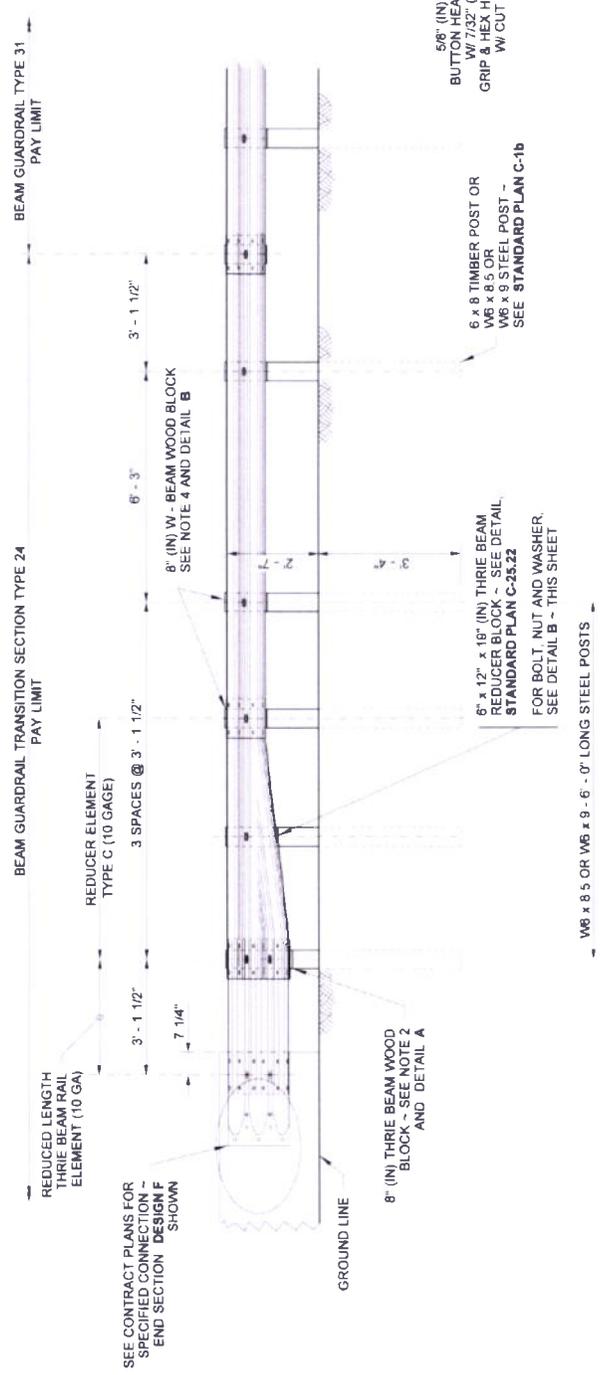
SHEET 1 OF 1 SHEET

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Aug 20, 2021



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 this 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.
7. See **Standard Plans A-50.10**, or **A-60.40** for beam guardrail transition grading details at bridge ends.



Aug 17, 2021

**BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION TYPE 24
(POSTED SPEED 45 MPH AND BELOW)**

STANDARD PLAN C-25.30-01

SHEET 1 OF 1 SHEET

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STATE DESIGN ENGINEER

Aug 20, 2021

Washington State Department of Transportation

NOTES:

- The Beam Guardrail (Type 31) Transition Section Type 25 shall only be used with the Short Radius Guardrail System (SRGS). See Standard Plan C-20.44.
- 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 so that the toe of the barrier does not project past the face of the approach guardrail.
- See Standard Plan C-24.10 for details regarding connection to bridge rail or traffic barrier.
- For details of typical components not shown, see Standard Plans
 - C-1b Beam Guardrail Posts and Blocks
 - C-7 Beam Guardrail End Sections
 - C-7a Three Beam End Sections
 - C-20.10 Beam Guardrail Type 31
- See Standard Plans A-50.10 or A-50.40 for beam guardrail transition grading details at bridge ends.
- It is permissible to fabricate the anchor plate from 1/4" (in) thick plates welded to equal strength and dimensions shown.
- Two Short Anchor Brackets with four (4x) 5/8" x 1 1/2" (in) machine bolts w/hex nut and washer each. Place washer on face side of rail.
- Fasten the Rail Cable Assembly using a single 3/4" (in) nut and washer at both ends of the cable.
- An additional 18" - 9" W-beam Rail is attached to the back of the Beam Guardrail (Type 31) Transition Section Type 25. This w-beam bracket is directly connected to the posts without blockouts. Fasten the "W-Beam End Section - Design C" to the back of the "W-Beam Spacer Guardrail with Eyeball Holes" using two 5/8" dia. x 2" (in) long bolt head bolts with recessed nuts and round washers. Place the washers under the nuts. Finishing and installing w-beam bracket, rounded end section and associated hardware shall be included in the Beam Guardrail (Type 31) Transition Section Type 25 Bid Item.



Jul 25, 2024

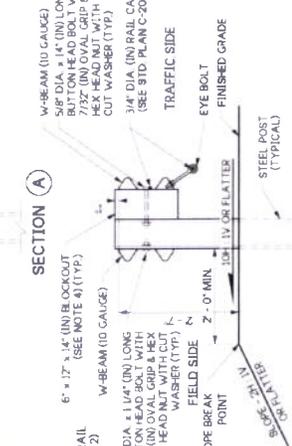
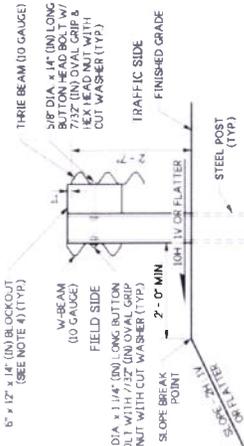
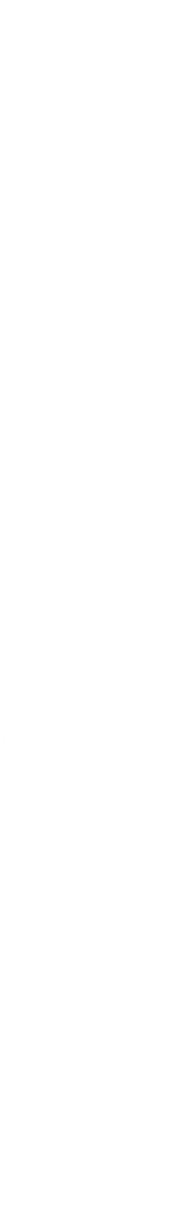
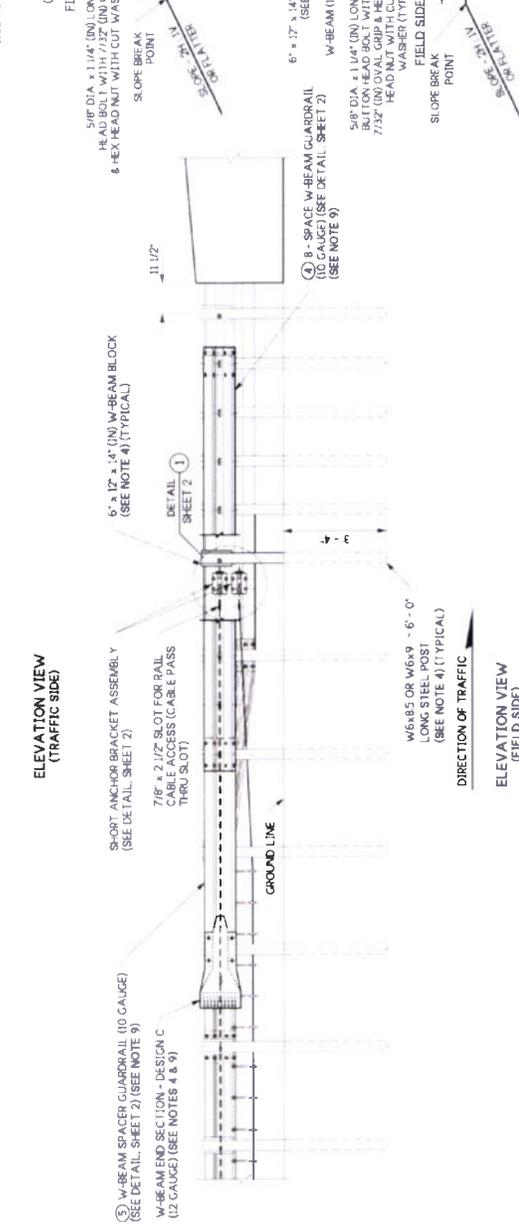
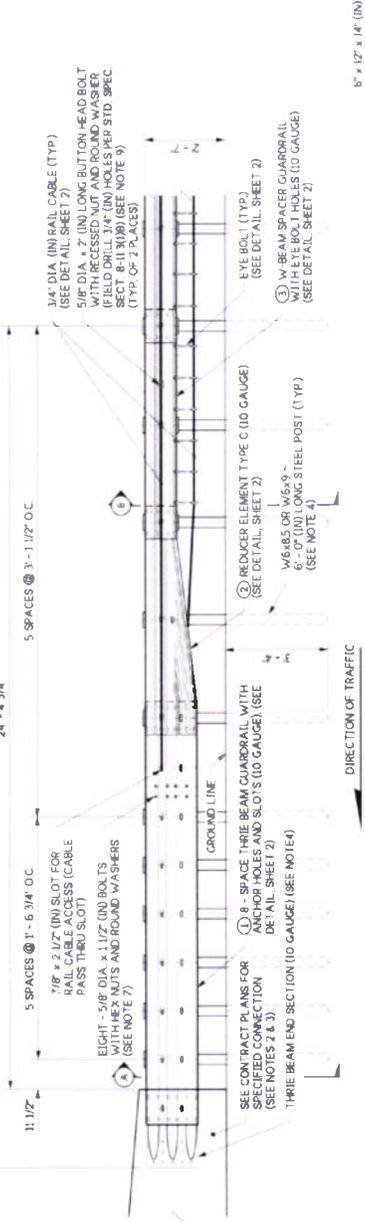
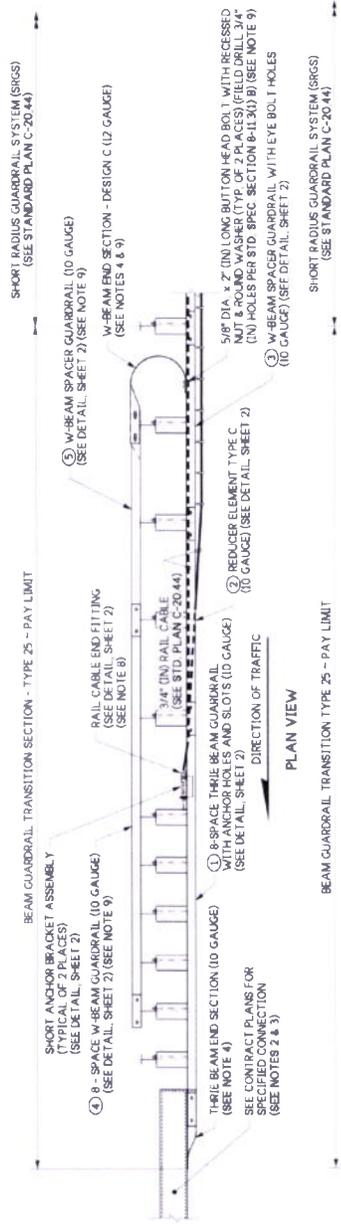
**BEAM GUARDRAIL (TYPE 31)
TRANSITION SECTION TYPE 25
STANDARD PLAN C-25.32-00**

SHEET 1 OF 2 SHEETS

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Jul 29, 2024

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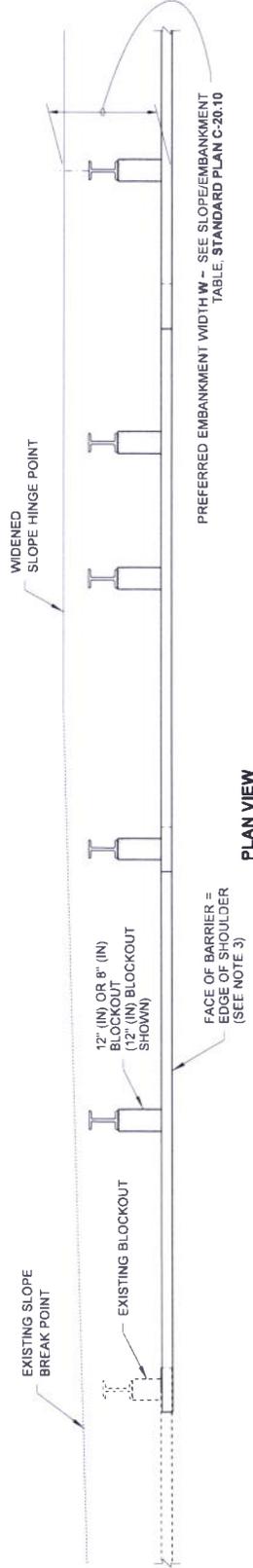


SECTION A

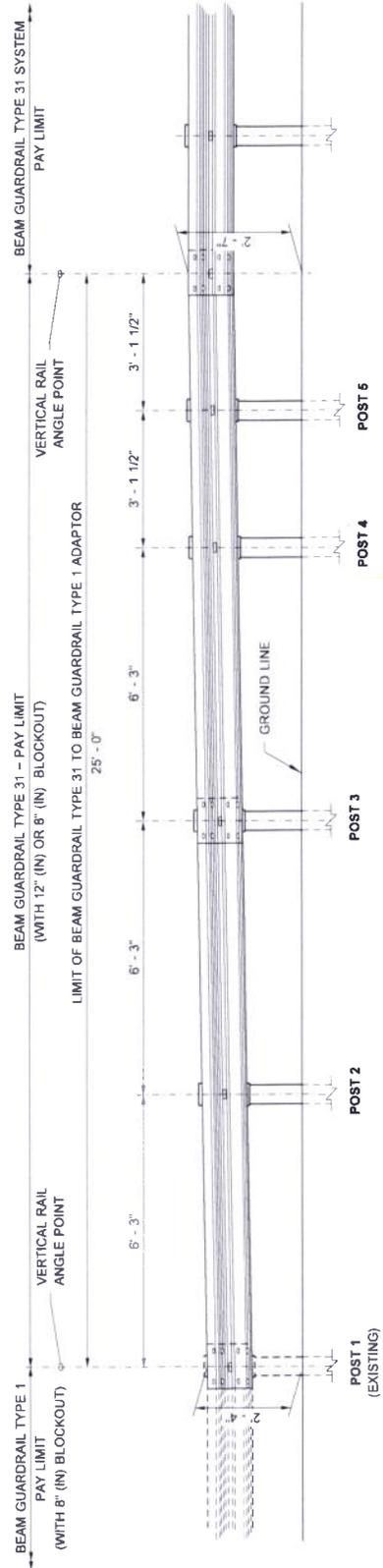
SECTION B

NOTES

1. Refer to **Standard Plan C-20-10** for component details for Beam Guardrail Type 31 (not shown on this plan)
2. Accommodating the wider blockout (12" (in) width) used with Type 31 guardrail will require widening the embankment
3. Wood blockouts shown. Blockouts of alternate material may be used. See **Standard Specification, Section 9-16.3(2)**.
4. All posts for any standard barrier run shall be of the same type: timber or steel.
5. **Post 1** is an existing Type 1 post. **Post 2** through **Post 5** are new posts with 12" (in) or 8" (in) blockouts. All blockouts shall be uniform in size. The blockout size shall match the size used on the Type 31 Guardrail run or non-flared terminal.



PLAN VIEW



ELEVATION VIEW ~ PROFILE TAPER



Patrick Donahue
 Washington, WA
 Aug 10 2019 2:11 PM
**BEAM GUARDRAIL TYPE 31
 TO BEAM GUARDRAIL TYPE 1
 ADAPTOR**
STANDARD PLAN C-25-80-05

SHEET 1 OF 1 SHEET
 APPROVED FOR PUBLICATION
 Kook, Steve
 Aug 12 2019 11:54 AM
 STATE DESIGN ENGINEER
 Washington State Department of Transportation

APPENDIX B

Known Repair Locations

Appendix A - Guardrail Repair Locations

Road No.	Road Name	Milepost		Side	6-ft Posts	8-ft Posts	9-ft Posts	11-ft Posts	Thrie Beam	Terminals Nonflared	Notes
		Begin	End								
11000	Pacific Way	2.360	2.360							1	
11401	Columbia Hts Rd	3.300	3.300	R	2					1	
11401	Columbia Hts Rd	3.440	3.450		4						
13750	Westover Dr	0.000	0.000		8					1	
15550	Monticello Dr	0.437	0.441		4						
15550	Monticello Dr	0.450	0.450	R	8						
20901	Delameter Rd	1.162	1.162	L	2						
20901	Delameter Rd	1.300	1.300					20			
20901	Delameter Rd	1.479	1.479	R	3						
20901	Delameter Rd	1.490	1.490	R	4					1	
20901	Delameter Rd	1.548	1.548		2						
20901	Delameter Rd	1.725	1.725	R	4						
20901	Delameter Rd	2.478	2.478	R						1	
20901	Delameter Rd	3.440	3.440	R	1					1	
20901	Delameter Rd	5.420	5.420	R	1						
20902	Woodside Dr	0.140	0.150	R	6					1	
21300	Hazel Dell Rd	0.330	0.330	L	5					1	
21300	Hazel Dell Rd	4.430	4.430		5						radius rail
21590	Fall Creek Rd	0.000	0.000								
21660	Stella Rd	0.787	0.793		2						
21700	Ph 10	0.350	0.350	L	2					1	
21810	Harmony Dr	1.500	1.500							1	
22740	Coal Creek Rd	0.100	0.100		2						
23200	Garlock Rd	0.720	0.720	L	6						
23200	Garlock Rd	0.720	0.720	R	6						
26000	Westside Highway	1.550	1.550	R						1	
26000	Westside Highway	2.000	2.000	R						1	
26000	Westside Highway	2.860	2.860							1	
26000	Westside Highway	2.870	2.870	R						1	

26000	Westside Highway	6.020	6.020	R					4				1	
26000	Westside Highway	7.865	7.865	L					2					
30500	Green Mtn Rd	2.000	2.060	L									raise rail	
30500	Green Mtn Rd	2.050	2.050	L					2					
30500	Green Mtn Rd	2.060	2.060	L					3					
30500	Green Mtn Rd	2.140	2.140	L					2					
31510	South Cloverdale	1.130	1.130	L					2				1	
34910	Spencer Creek Rd	1.793	1.793	L					2					
36950	Little Kalama R Rd	2.180	2.180	R			16							
36950	Little Kalama R Rd	2.500	2.500	R									radius rail	
36950	Little Kalama R Rd	2.900	2.910	R									7 blocks damaged	
36950	Little Kalama R Rd	3.230	3.240	R					6					
40110	Rose Valley Rd	0.230	0.230	L					1					
40110	Rose Valley Rd	2.135	2.135	L									1	
40110	Rose Valley Rd	4.245	4.245	L									1	
40110	Rose Valley Rd	4.330	4.330						5					
40110	Rose Valley Rd	5.755	5.760	L									1	
40110	Rose Valley Rd	5.830	5.830	L					10				1	
40110	Rose Valley Rd	8.490	8.490	L									1	
40400	Mt Pleasant Rd	1.700	1.700	L									1	
42050	Fish Pond Rd	1.071	1.071	L									1	
49672	N Goble Creek Rd	1.300	1.300										1	
50400	Mt Brynion Rd	1.690	1.690	L					2				1	
50700	Headquarters Rd	0.585	0.585							6				
50700	Headquarters Rd	1.013	1.013	L					3					
50700	Headquarters Rd	1.425	1.425	L					1					
50700	Headquarters Rd	2.050	2.050	L					4					
50700	Headquarters Rd	5.090	5.090	L									1	
51700	S. Toutle Rd	1.150	1.150	R									1	
51700	S. Toutle Rd	1.230	1.230	L									1	
52030	Pacific Ave N	1.790	1.790	R					6					
52030	Pacific Ave N	1.800	1.800	R					4					
52030	Pacific Ave N	2.410	2.410	R					15				1	

52030	Pacific Ave N	2.420	2.420 R							1	
55440	S. Silverlake	1.210	1.210 R	2							split blocks

**ATTENTION PROPERTY OWNERS
AND
CONTRACTORS**



**CALL BEFORE
YOU DIG
1-800-424-5555**

The Cowlitz County Utility Coordination Council is comprised of local utilities whose common purpose is to help prevent accidents and damages to their underground facilities. ONE TELEPHONE CALL, 1-800-424-5555, two (2) working days prior to digging will relay a message to these utilities. On the next page is a listing of utilities and entities belonging to the Council.

Forty-eight (48) hours' notice (excluding weekends and holidays) is requested to permit our locators to mark our facilities for you. ONE CALL answering service is available twenty-four (24) hours a day, seven (7) days a week. All calls are recorded. (EMERGENCY LINE LOCATES ARE AVAILABLE AT ALL TIMES).

RCW 19.122.010, Washington Laws, 1988, Chapter 99 on Underground Utilities states that utilities shall be assigned "...responsibilities for locating and keeping accurate records of utility locations, protecting and repairing damage to existing underground facilities, and protecting the public health and safety from interruption in utility services caused by damage to existing underground utility facilities."

Callers are asked to use white paint to show their proposed path of excavation. Each locator uses a different color paint to show their underground facility (see reverse page). Digging should be done by hand 18" on either side of marking until utility is visible, before using other equipment.

**PLAN FOR SAFETY – CALL BEFORE YOU DIG
LOCATING SERVICES ARE FREE**

Thank you,

Cowlitz County
Utility Coordination Council

THE FOLLOWING LOCAL UTILITIES, ENTITIES AND OTHERS FORM THE COWLITZ COUNTY UTILITY COORDINATION COUNCIL:

		<u>COLOR CODE</u>
POWER	P.U.D. OF COWLITZ COUNTY	RED
GAS	CASCADE NATURAL GAS NORTHWEST PIPELINE CORPORATION OLYMPIC PIPE LINE COMPANY	YELLOW
TELEPHONE	AT&T GENERAL TELEPHONE KALAMA TELEPHONE U.S. SPRINT COMMUNICATIONS CENTURY LINK VERIZON COMMUNICATIONS FRONTIER CASCADE NETWORKS	ORANGE
WATER	BEACON HILL SEWER DISTRICT CITY OF CASTLE ROCK CITY OF KALAMA CITY OF KELSO CITY OF LONGVIEW CITY OF WOODLAND COWLITZ COUNTY PUBLIC WORKS P.U.D. OF COWLITZ COUNTY	BLUE
SEWER	BEACON HILL SEWER DISTRICT CITY OF CASTLE ROCK CITY OF KALAMA CITY OF KELSO CITY OF LONGVIEW CITY OF WOODLAND COWLITZ COUNTY PUBLIC WORKS (includes leachate pipeline)	GREEN
T.V. CABLE	COMCAST WASHINGTON STATE DEPARTMENT OF TRANSPORTATION	ORANGE

(OTHER UTILITIES MAY JOIN IN THE FUTURE – PLEASE ASK THE OPERATOR)

REPORT ALL EMERGENCIES TO “911”. All other damages should be reported directly to the utilities involved.

Nicks in insulation of gas, power or telephone should be reported to utilities promptly, as failure later can cause serious injuries or damages.

END OF CONTRACT