
Cowlitz County
Department of Public Works

CONTRACT DOCUMENTS
FOR

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) PROJECT

East 1/2 SEC. 15, T9N, R2W

Cowlitz County Project No. 2947

February, 2026

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

BOARD OF COUNTY COMMISSIONERS

STEVE RADER	District No. 1
STEVEN L. FERRELL	District No. 2
RICHARD R. DAHL	District No. 3

Cowlitz County

Department of Public Works

CONTRACT DOCUMENTS
FOR

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) PROJECT

East 1/2 SEC. 15, T9N, R2W

Cowlitz County Project No. 2947

February 19, 2026



Travis Tormanen, P.E.

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:

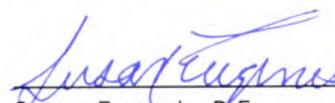

Susan Eugenis, P.E. 2/18/20
County Engineer Date

TABLE OF CONTENTS - CONTINUED

BID ITEM 24: ABANDON EXISTING DRAINFIELD Page 65
BID ITEM 25: TRENCH SAFETY SYSTEM Page 65
STANDARD PLANS Page 71
PREVAILING MINIMUM HOURLY WAGE RATES *** Page 82
CONTRACT PLANS Page 83
APPENDICES Page 84
 Appendix A – Soil Data*** Page 85
 Appendix B – Topographic Survey and Record of Survey*** Page 86
CALL BEFORE YOU DIG..... Page 87

***Included as indicated but numbered independently.

CALL FOR BIDS

Sealed Bids will be received only at the office of the County Engineer, Attn: County Engineer, Public Works Administration Building, 1600-13th Avenue South, Kelso, Washington 98626 prior to 1:30 o'clock p.m. on Monday March 23, 2026, at which time all bids received will be publicly opened and read in the Public Works Training Room for the following work: **CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS).**

Work performed under this contract consists of the following:

Installation of a new (replacement) Large Onsite Septic System (LOSS) including a new tank, drainfield and distribution system, and other work to serve the Camelot development in Cowlitz County.

Bids must be addressed to:

Cowlitz County Department of Public Works
Attn: Susan Eugenis, P.E., County Engineer
1600 – 13th Avenue South
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. 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 24th day of February, 2026

BOARD OF COUNTY COMMISSIONERS
OF COWLITZ COUNTY, WASHINGTON

Richard R. Dahl, Chairman

Steve Rader, Commissioner

Steven L. Ferrell, Commissioner

ATTEST:

Kelly Grayson, Clerk of the Board

BIDDER'S CHECKLIST

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) 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. APPRENTICE UTILIZATION PLAN – In accordance with Special Provisions Section 1-07.9, this form shall be submitted within 30 calendar days of execution, however, no later than the preconstruction meeting. (Use on projects with an estimated cost of \$2,000,000 or greater, except for FHWA funded projects)
- 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.
- 15. BIDDER QUESTIONNAIRE – To be filled in and signed by BIDDER.

PROPOSAL FORM

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

FOR: **2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) 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 **2025** 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. 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 the Contractor's responsibility to make sure that your bid is physically received by the Department of Public Works by the time set for the bid opening. Bids not so received will not be considered. Bids may not be submitted by facsimile machine or electronically. Enclose your Proposal Form and bid deposit in an opaque sealed envelope addressed to:

Cowlitz County Department of Public Works
Attn: Susan Eugenis, P.E., County Engineer
1600 – 13th Avenue South
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 or electronically.

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 \$
1	Force Account	Miscellaneous Construction	\$25,000	\$25,000
2	Lump Sum	Mobilization		
3	Lump Sum	Clearing and Grubbing		
4	1,215 LF	Removing Wire Fence		
5	890 LF	Roadway Excavation – New Access Road and Stockpile Relocation		
6	3,675 LF	Testing Pipe (Delivery Piping)		
7	90 LF	8 Inch PVC 3034 Sanitary Sewer Pipe		
8	Lump Sum	10 Inch PVC 3024 Temporary Bypass System		
9	Lump Sum	Structure Excavation Class A		
10	Lump Sum	Shoring or Extra Excavation Class A		
11	Lump Sum	Gravel Backfill For Walls		
12	100 CY	Concrete Class 4000		
13	14,525 LB	Steel Reinforcing Bar		
14	770 Ton	Crushed Surfacing Base Course		
15	Lump Sum	Erosion Control and Water Pollution Prevention		

ITEM NO.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
16	Lump Sum	Seeding, Fertilizing, and Mulching		
17	Lump Sum	LOSS Drainfield Excavation and Backfill		
18	Lump Sum	LOSS Drainfield Piping (Complete)		
19	Lump Sum	LOSS Pumps, Delivery System		
20	Lump Sum	LOSS Controls System		
21	Lump Sum	LOSS Electrical Installation		
22	Lump Sum	Fence and Gate – Type 2		
23	81 LF	Chain Link Fence and Gate – Type 3		
24	Lump Sum	Abandon Existing Drainfield		
25	Lump Sum	Trench Safety System		

SUBTOTAL\$ _____

SALES TAX 7.7%.....\$ _____

TOTAL.....\$ _____

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

BID DEPOSIT FORM

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) 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 _____, 2026.

Name of Bidder

Name of Surety

Authorized Signature

Authorized Signature*

Title

Title

Date

* Attach Power of Attorney

E-VERIFY DECLARATION

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) PROJECT
Cowlitz County Project No. 2947

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 request could lead to suspension of this contract.

Dated at _____, State of _____ on this _____ day of _____, 2026.

Signature _____

Printed Name _____

THIS PAGE MUST BE RETURNED WITH THE BID DOCUMENTS

COMPLIANCE WITH WAGE PAYMENT LAWS DECLARATION

2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) PROJECT

Cowlitz County Project No. 2947

Firm Name: _____

1. The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date February 24, 2026, 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 _____, 2026.

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: **2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS)** ("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: **1-25**.

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 **2025** 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 guaranty 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.

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. 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.

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. The costs associated with such trench safety systems are set forth as a separate bid item on each bidder's proposal. The costs of such trench safety systems shall not be considered as incidental to any other contract item, and any attempt to include the trench safety systems as an incidental cost is prohibited.

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

Steve Rader, Commissioner

Signatory Authorized by Firm Bylaws
to Bind Contractor

Steven L. Ferrell, 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: **2026 CAMELOT LARGE ONSITE SEPTIC SYSTEM (LOSS) 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*, 2025 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)

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 **Installation of a new (replacement) Large Onsite Septic System (LOSS) including a new tank, drainfield and distribution system, 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 – Soils Data

Appendix B – Topographic Survey and Record of Survey

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.

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.

"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.

Additive

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

Alternate

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

Business Day

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

Contract Bond

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

Contract Documents

See definition for "Contract".

Contract Time

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

Notice of Award

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

Notice to Proceed

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

Traffic

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

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

1-02.1 Qualifications of Bidder

(January 24, 2011 APWA GSP)

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

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	3	Furnished automatically upon award.
Contract Provisions	3	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	2	Furnished only upon request.

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

1-02.4(1) General

(December 30, 2022 APWA GSP Option B)

The first sentence of the ninth paragraph, beginning with "Prospective Bidder desiring...", is revised to read:

Prospective Bidders desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing by close of business 5 business days preceding the bid opening to allow a written reply to reach all prospective Bidders before the submission of their Bids.

1-02.5 Proposal Forms

(November 25, 2024 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 DBE commitment, if applicable; a State of Washington Contractor's Registration Number; and a Business License Number, if applicable. Bids shall be in legible figures (not words) written in ink or typed and expressed in U.S. dollars. 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.

Preparation of Proposal

November 25, 2024 APWA Option B

Supplement the second paragraph with the following:

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.

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 bid by a joint venture shall be executed in the joint venture name and signed by a member of the joint venture.

Add the following new section:

1-02.9 Delivery of Proposal

Delete the first two paragraphs of this section and replace it with the following:

The proposal shall be sealed and delivered to the location as specified in the call for bids and instructions to bidders.

1-02.10 Withdrawing, Revising, or Supplementing Proposal

(July 23, 2015 APWA GSP)

Delete this section, and replace it with the following:

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

1. The Bidder submits a written request signed by an authorized person and physically delivers it to the place designated for receipt of Bid Proposals, and
2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and
3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

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

Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed requests to withdraw, revise, or

supplement a Bid Proposal are not acceptable.

1-02.12 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:

Cowlitz County Department of Public Works
Attn: Susan Eugenis, P.E., County Engineer
1600 – 13th Avenue South
Kelso WA 98626

1-02.13 Irregular Proposals

(*****)

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 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.

1-03.3 Execution of Contract

(January 4, 2024 APWA GSP Option B)

Revise this section to read:

Within 3 calendar days of Award date (not including Saturdays, Sundays and Holidays), the successful Bidder shall provide the information necessary to execute the Contract to the Contracting Agency. The Bidder shall send the contact information, including the full name, email address, and phone number, for the authorized signer and bonding agent to the Contracting Agency.

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

Within 10 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

Until the Contracting Agency executes a contract, no proposal shall bind the Contracting Agency nor shall any work begin within the project limits or within Contracting Agency-furnished sites. The

Contractor shall bear all risks for any work begun outside such areas and for any materials ordered before the contract is executed by the Contracting Agency.

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

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).

Add the following new section:

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.

1-04.4 Changes

(January 19, 2022 APWA GSP)

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

1-05 CONTROL OF WORK

1-05.3 Plans and Working Drawings

Section 1-05.3 is supplemented with the following:

Shop Drawings. The Contractor shall submit five copies of all shop drawings and samples to the Engineer for review and approval in accordance with the schedule of shop drawing submissions approved at the Pre-Construction Conference. Contractor shall check and verify all field measurements prior to submitting shop drawings to Engineer for review and approval, shop drawings shall have been checked by and stamped with the approval of the Contractor and identified as the Engineer may require. The data shown

on the Shop Drawings will be complete with respect to dimensions, design criteria, material or construction and like information to enable the Engineer to review the information as required.

At the time of each submission, the Contractor shall, in writing, call the Engineer's attention to any deviations that the Shop Drawings or Samples may have from the requirements of the Contract Documents.

The Engineer will review and approve with reasonable promptness shop drawings and samples, but the Engineer's review and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents and shall not extend to means, methods, sequences, techniques or procedures of construction or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions. The Contractor shall make any corrections required by the Engineer and shall return the required number of corrected copies of shop drawing and resubmit new samples for review and approval. The Contractor shall direct specific attention, in writing, to revisions other than the corrections called for by the Engineer on previous submittals. The Contractor's stamp of approval on any shop drawings or samples shall constitute a representation to Owner and Engineer that Contractor has either determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data or assumes full responsibility for doing so, and that the Contractor has reviewed or coordinated each shop drawing or sample with the requirements of the work and the Contract Documents.

Where a shop drawing or sample is required by the Specifications, no related work shall be commenced until the submittal has been reviewed and approved by the Engineer.

The Engineer's review and approval of shop drawings or samples shall not relieve the Contractor from responsibility for any deviations from the Contract Documents unless the Contractor has, in writing, called the Engineer's attention to such deviation at the time of submission and the Engineer has given written concurrence and approval to the specific deviation, nor shall any concurrence or approval by the Engineer relieve the Contractor from responsibility for errors or omissions in the shop drawings.

The following is a list of products and materials for which the Contractor shall submit shop drawings or samples. The list may not be inclusive and is subject to revision by the Engineer and Owner.

- 1) Shoring and cribbing
- 2) Forming

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.

1-05.9 Equipment

Section 1-05.9 is supplemented with the following:

(March 9, 2023)

The Contracting Agency suspects that the following noxious weeds (exist within the project boundary:

*** False Brome ***

To prevent the spread of noxious weeds, the Contractor shall comply with the following provisions:

1. There shall be no hauling or disposal of excavated soils offsite.
2. The current edition of the Washington Department of Fish and Wildlife's publication, "Invasive Species Management Protocols, page 22: Level 1 Decontamination Protocols "
3. The Contractor shall designate areas for cleaning of equipment, tools and personal items (boots, gloves, etc)
4. During construction, all vehicles, equipment, and tools that accumulate any soil/sand material must be cleaned off prior to leaving the site. Depending on the type and size of tool or equipment, this may be accomplished in several appropriate ways:
 - For small tools, worker boots, or equipment with minimal soil contact, decontamination can be performed through brushing off with a boot brush or handheld brush, or through rinsing off with water in a designated decontamination area.

- For large pieces of equipment and vehicles: tires/undercarriage/accessories can be rinsed off with water at a designated decontamination area. Cabs where employees operate the vehicle or equipment should be swept out within the decontamination area as well, prior to leaving the site.

A decontamination area shall be located at the edge of the worksite, prior to exiting the site. Decontamination signs shall be placed, reminding anyone exiting the site to decontaminate. Useful items in the decontamination area should include brushes (boot brushes, handheld sweeping tools, large brooms, or others) and a water source with enough pressure to remove soil matter from equipment.

All costs to comply with the noxious weed containment shall be included in other bid items. There will be no separate payment for preventing the spread of noxious weeds.

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 warranties or warranties furnished under the terms of the contract.

The contractor shall provide a recommended operational test plan for review and approval by the Engineer.

Add the following new section:

1-05.12(1) Two-Year Guarantee Period

(March 8, 2013 APWA GSP, may not be used on FHWA funded projects)

The Contractor shall return to the project and repair or replace all defects in workmanship and material discovered within two years after Final Acceptance of the Work. The Contractor shall start work to remedy any such defects within 7 calendar days of receiving Contracting Agency's written notice of a defect, and shall complete such work within the time stated in the Contracting Agency's notice. In case of an emergency, where damage may result from delay or where loss of services may result, such corrections may be made by the Contracting Agency's own forces or another contractor, in which case the cost of corrections shall be paid by the Contractor. In the event the Contractor does not accomplish corrections within the time specified, the work will be otherwise accomplished and the cost of same shall be paid by the Contractor.

When corrections of defects are made, the Contractor shall then be responsible for correcting all defects in workmanship and materials in the corrected work for one year after acceptance of the corrections by Contracting Agency or within two years after Final Acceptance of the Work, whichever date is furthest from the initial Final Acceptance of the Work.

This guarantee is supplemental to and does not limit or affect the requirements that the Contractor's work comply with the requirements of the Contract or any other legal rights or remedies of the Contracting Agency.

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

1-05.16 Water and Power

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

Section 1-06 is supplemented with the following:

Buy America Requirements

(March 20, 2025)

General Requirements

In accordance with Buy America requirements contained in 23 CFR 635.410 and 2 CFR 184, the following materials must be produced in the United States:

1. All Iron or Steel Products used in the project. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
2. All Manufactured Products used in the project. This means the manufactured product was manufactured in the United States.
3. All Construction Materials used in the project. This means that all manufacturing processes for the construction material occurred in the United States.

An article, material, or supply will be classified in one of four categories: 1) Iron or Steel Product, 2) Manufactured Product, 3) Construction Material, or 4) Excluded Material. Only a single category will apply to an item except as follows:

1. With respect to electronic hardware systems that are classified as Manufactured Products, the cabinets or other enclosures of such systems that consist wholly or predominantly of iron, steel, or a combination of both, shall meet the requirements for and be tracked as an Iron or Steel Products. The item shall also meet the requirements for a Manufactured Product and the cost of the iron or steel components shall be included in determining if the manufactured product was produced in the United States.

Some contract items are composed of multiple parts that may fall into different categories. Individual components will be categorized as a Construction Material, a Manufactured Product, an Iron or Steel Product, or an excluded material based on their composition when they arrive at the staging area or work site.

Definitions

1. Construction Material: Defined as any article, material, or supply brought to the construction site for incorporation into the final product. Construction materials include an article, material, or supply that is or consists primarily of:
 - a. Non-ferrous metals including all manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly;
 - b. Plastic and polymer-based products including all manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form);

- c. Glass including all manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting);
- d. Fiber optic cable (includes drop cable) including all manufacturing processes, from initial ribboning (if applicable), through buffering, fiber stranding and jacketing, (fiber optic cable also includes the standards for glass and optical fiber);
- e. Optical fiber including all manufacturing processes, from the initial preform fabrication stage, though the completion of the draw;
- f. Lumber including all manufacturing processes, from initial debarking through treatment and planing;
- g. Drywall including all manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels; or
- h. Engineered wood including all manufacturing processes from the initial combination of constituent materials until the wood product is in its final form.

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

If a Construction Material is not manufactured in the United States it shall be considered a Foreign Construction Material.

- 2. **Manufactured Product:** A Manufactured product includes any item produced as a result of the manufacturing process. Items that should be treated as a manufactured product (rather than a construction material) are: 1) items that consist of two or more of the listed construction materials that have been combined together through a manufacturing process, and 2) items that include at least one of the listed construction materials as defined above, combined with a material that is not listed through a manufacturing process.
- 3. **Manufactured in the United States:** A construction material will be considered as manufactured in the United States if all manufacturing processes have occurred in the United States.
- 4. **Structural Steel:** Defined as all structural steel products included in the project.
- 5. **United States:** To further define the coverage, a domestic product is a manufactured steel construction material that was produced in one of the 50 states, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

Steel and Iron Requirements

Major quantities of steel and iron construction materials that are permanently incorporated into the project shall consist of American-made materials only. BABA requirements do not apply to temporary steel or iron items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

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

American-made material is defined as material having all manufacturing processes occurring domestically.

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

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

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

The following are considered to be steel manufacturing processes:

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

A certification of materials origin will be required for all items comprised of, or containing, steel or iron construction materials prior to such items being incorporated into the permanent work. The Contractor will not receive payment until the certification is received by the Engineer. The certification shall be on

WSDOT Form 350-109 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-109.

Manufactured Products

Due to a nationwide waiver, BABA requirements do not apply to manufactured products. Manufactured products that contain steel and iron, regardless of a nationwide waiver, will follow “Steel and Iron Requirements” of this Specification.

Construction Material Requirements

A Contractor provided certification of materials origin will be required before each progress estimate or payment. The Contractor will not receive payment until the certification is received by the Engineer. The Contractor shall certify that all construction materials installed during the current progress estimate period meets the Build America, Buy America Act. The certification shall be on WSDOT Form 350-111 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-111.

Waiver for De Minimis Costs

Minor amounts of Foreign Construction Materials may be utilized in this project, provided that the total cost of the Foreign Construction Materials does not exceed \$1,000,000 and does not exceed 5 percent of the total applicable material costs calculated as follows:

$$\frac{\textit{Total cost of Foreign Construction Materials}}{\textit{Total applicable material costs}} < 0.05$$

The total applicable material costs shall be the sum of the costs all Construction Materials, all Steel and Iron, and all Manufactured Products. Total applicable material costs does not include the cost of cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives.

Steel and iron materials shall follow the “Steel and Iron Requirements” of this Specification.

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.

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.

(April 3, 2006)

Confined Space

Confined spaces are known to exist at the following locations:

Existing Tank – LOSS system

The Contractor shall be fully responsible for the safety and health of all on-site workers and compliant with Washington Administrative Code (WAC 296-809).

The Contractor shall prepare and implement a confined space program for each of the confined spaces identified above. The Contractor's Confined Space program shall be sent to the contracting agency at least 7 days prior to the contractor beginning work in or adjacent to the confined space. No work shall be performed in or adjacent to the confined space until the plan is submitted to the Engineer as required. The Contractor shall communicate with the Project Engineer to ensure a coordinated effort for providing and maintaining a safe worksite for both the Contracting Agency's and Contractor's workers when working in or near a confined space.

All costs to prepare and implement the confined space program shall be included in the bid prices for the various items associated with the confined space work.

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.

1-07.8 High-Visibility Apparel

The third and fourth paragraphs of Section 1-07.8 are revised to read:

(November 4, 2024)

High-visibility garments shall always be the outermost garments worn in a manner to ensure 360 degrees of uninterrupted background and retroreflective material encircling the torso.

High-visibility garments shall be labeled as, and in a condition compliant with the ANSI/ISEA 107-2015 publication entitled "American National Standard for High-Visibility Safety Apparel and Accessories," or equivalent revisions.

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.

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

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

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

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

1-07.18 Public Liability and Property Damage Insurance

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

1-07.18 Insurance

(January 4, 2024 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.
- I. Under no circumstances shall a wrap-up policy be obtained, for either initiating or maintaining coverage, to satisfy insurance requirements for any policy required under this Section. A “wrap up policy” is defined as an insurance agreement or arrangement under which all the parties working on a specified or designated project are insured under one policy for liability arising out of that specified or designated project.

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:

- \$2,000,000 Each Occurrence
- \$3,000,000 General Aggregate
- \$3,000,000 Products & Completed Operations Aggregate
- \$2,000,000 Personal & Advertising Injury each offence
- \$2,000,000 Stop Gap / Employers’ Liability each accident

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

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

1-07.18(5)C Workers’ Compensation

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

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

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

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

Delete this section and replace it with the following:

1-08.4 Notice to Proceed and Prosecution of Work

(*****)

Notice to Proceed will be given after the contract has been executed and the contract bond and evidence of insurance have been approved and filed by the Contracting Agency. The Contractor shall not commence with the work until the Notice to Proceed has been given by the Engineer. The

Contractor shall commence construction activities on the project site within ten days of the Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the work to the physical completion date within the time specified in the contract. Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to complete the work within the time(s) specified in the contract.

1-08.5 Time for Completion

(November 25, 2024 APWA GSP, Option A)

Revise the third and fourth paragraphs to read:

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

Each working day shall be charged to the contract as it occurs, until the contract work is physically complete. If substantial completion has been granted and all the authorized working days have been used, charging of working days will cease. Each week the Engineer will provide the Contractor a statement that shows the number of working days: (1) charged to the contract the week before; (2) specified for the physical completion of the contract; and (3) remaining for the physical completion of the contract. The statement will also show the nonworking days and all partial or whole days the Engineer declares as unworkable. The statement will be identified as a Written Determination by the Engineer. If the Contractor does not agree with the Written Determination of working days, the Contractor shall pursue the protest procedures in accordance with Section 1-04.5. By failing to follow the procedures of Section 1-04.5, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

Revise the sixth paragraph to read:

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

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
 - a. Certified Payrolls (per Section 1-07.9(5)).
 - b. Material Acceptance Certification Documents
 - c. Monthly Reports in DMCS of the amounts paid including the final payment confirmation to all firms required by Section 1-08.1(7)A if applicable
 - d. Final Contract Voucher Certification
 - e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all Subcontractors
 - f. Property owner releases per Section 1-07.24 Section 1-08.5 is supplemented with the following:

(March 13, 1995)

This project shall be physically completed within 100 working days.

1-08.9 Liquidated Damages

(March 3, 2021 APWA GSP, Option B – cannot be used on Federal Aid Projects)

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:

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

or by implication, that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by the Engineer.

1-09.7 Mobilization

(December 30, 2022 APWA GSP)

Delete this Section and replace it with the following:

Mobilization consists of preconstruction expenses and the costs of preparatory Work and operations performed by the Contractor typically occurring before 10 percent of the total original amount of an individual Bid Schedule is earned from other Contract items on that Bid Schedule. Items which are not to be included in the item of Mobilization, include but are not limited to:

1. Portions of the Work covered by the specific Contract item or incidental Work which is to be included in a Contract item or items.
2. Profit, interest on borrowed money, overhead, or management costs.
3. Costs incurred for mobilizing equipment for force account Work.

Based on the lump sum Contract price for "Mobilization", partial payments will be made as follows:

1. When 5 percent of the total original Bid Schedule amount is earned from other Contract items on that original Bid Schedule, excluding amounts paid for materials on hand, 50 percent of the Bid Item for mobilization on that original Bid Schedule, 5 percent of the total of that original Bid Schedule, or 5 percent of the total original Contract amount, whichever is the least, will be paid.
2. When 10 percent of the total original Bid Schedule amount is earned from other Contract items on that original Bid Schedule, excluding amounts paid for materials on hand, 100 percent of the Bid Item for mobilization on that original Bid Schedule, 10 percent of the total of that original Bid Schedule, or 10 percent of the total original Contract amount, whichever is the least, will be paid.
3. When the Substantial Completion Date has been established for the project, payment of any remaining amount Bid for mobilization will be paid.

Nothing herein shall be construed to limit or preclude partial payments otherwise provided by the Contract.

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.

(July 8, 2024 APWA GSP, Option A)

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.

1-09.13(4) Venue for Litigation

(December 30, 2022 APWA GSP)

Revise this section to read:

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

BID ITEMS

BID ITEM 1: 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. At this time individual work items that may occur include replacement of filters in the current filter tank.

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: MOBILIZATION

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 1-09.7.

BID ITEM 3: CLEARING AND GRUBBING

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 2-01 except as modified below:

2-01.1 Description

Delete paragraph one of Section 2-01.1, which begins "The Contractor shall clear..." and replace with the following:

The Contractor shall clear, grub, and clean the entire limits of clearing within the project area, unless otherwise noted or specified. The Contractor shall also clear, grub and clean areas designated to receive fill materials, as specified herein. Existing trees outside the limits of clearing and specific improvements marked on the plans as remaining shall be protected from damage.

Delete paragraph two of Section 2-01.1 which begins "Clearing" means removing and..." and replace with the following:

"Clearing" means removing and disposing of all unwanted material from the surface, as determined by the Engineer, such as trees, brush, vines, down timber, lumber, concrete, miscellaneous trash, and other.

2-01.2 Disposal of Usable Material and Debris

Add the following to Section 2-01.2:

Existing materials shall be placed adjacent to the newly constructed improvements as directed by the Inspector.

No waste site has been provided by the County for this project.

2-01.5 Payment

Add the following to the third paragraph of Section 2-01.5 which begins “the unit Contract price per acre...”:

It has been calculated that there are approximately 1.5 acres of Clearing and Grubbing required for this project. This value has been provided for the purposes of bidding only. No adjustment to this lump sum bid item will be made.

BID ITEM 4 - REMOVING WIRE FENCE

Work shall be as described in the Contract Special Provisions.

1. Measurement. Measurement shall be made per the Lineal Foot (LF) bid price as measured in the field for the amount removed.
2. Payment. The payment for Removing Wire Fence includes all labor, equipment, and material necessary for removing, and disposing offsite of all materials as shown or described in the Contract Documents.

BID ITEM 5: ROADWAY EXCAVATION, EMBANKMENT - NEW ACCESS ROAD and STOCKPILE RELOCATION

BID ITEM 17: LOSS DRAINFIELD EXCAVATION AND BACKFILL

These bid items shall be accomplished in accordance with the Plans and Standard Specification Section 2-03, except as modified below. The bid quantities listed for these items 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. Section 1-04.6 “Increased or Decreased Quantities” does not apply to these bid items.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

Delete paragraph one of Section 2-03.1 which begins “The work described in...” and replace with the following:

The work described in this section, regardless of the nature or type of materials encountered, includes excavation and grading the roadway, excavation below grade, excavating channels and ditches, placement and compaction of excavated materials as directed by the Engineer, and disposal of all excess material. These activities may be performed in making cuts, embankments, slopes, roadway ditches, parking areas, driveways, and in completing other related work.

It is the County’s intent to maximize use of the material excavated in the Roadway Excavation, Embankment and Disposal Including Haul and the Rock Excavation Including Haul bid items in the construction of embankments in lieu of using the Structural Fill Including Haul, or other embankment material specifications noted in this contract.

2-03.3 Construction Requirements

Add the following to Section 2-03.3:

2-03.3(19) Removal of Pavement, Sidewalks, and Curbs

Removal of pavement, sidewalks, curbs, or other similar materials that lie within the limits of excavation shall be included in the unit bid price for this bid item and shall be completed in accordance with Section 2-02.3(3) unless specifically identified for removal under the Removal of Structures and Obstructions bid item of this document.

Add the following to Section 2-02.3(3) which is referenced by Section 2-03.3(19):

Revise Item 2. of Section 2-02.3(3) which begins "Material that is.." to read as follows:

2. Material from excavated pavements, sidewalks, curbs and gutters to be incorporated into the roadway embankment shall be cleaned of embankment materials and broken into individual fragments one foot or less in their greatest dimension and no part of any piece shall be within 3 feet of the top, side, or end surface of the embankment or any Structure. Materials not incorporated into the roadway embankment shall be disposed of in accordance with applicable local and state regulations.

2-03.3(3) Excavation Below Grade

Add the following after the second paragraph of Section 2-03.3(3) which begins "If the Contractor uses...":

Existing culverts, storm drains, and drainage structures located within the horizontal limits of the excavation shall be removed, backfilled, compacted, or abandoned as specified, unless otherwise noted on the plans.

Where shown on the Plans or where designated by the Engineer, existing culverts shall be plugged on both the inlet and outlet ends with Class 3000 concrete. Care shall be used in placing the concrete in the culvert to see that the opening of the pipe is completely filled and thoroughly plugged. A minimum linear plug length of two pipe diameters is required.

2-03.3(7)A General

Delete the text of Section 2-03.3(7)A which begins "The Contractor shall haul..." and replace with the following:

The Contractor shall haul all suitable excavation, as determined by the Engineer, to the nearest area designated to receive embankment material. The excavated materials for this project not considered by the Engineer to be acceptable for embankment, or determined to be in excess of the embankment materials required for this work, shall be disposed of on site as directed by the Engineer. See Note A on Sheet C101.

2-03.4 Measurement

Add the following to Section 2-03.4:

Roadway excavation, new access road and stockpile relocation - by the linear foot of completed roadway along centerline roadway. There is no additional measurement for roadway excavation or stockpile relocation. It is estimated that there are 350 cubic yards of excavation and 200 cubic yards of embankment. This value has been provided for the purposes of bidding only. No adjustment to this lump sum bid item will be made.

LOSS drainfield excavation, embankment and disposal including haul - by Lump Sum. It is estimated that there are an estimated 600 cubic yards of cut for excavation of the existing stockpile and general grading. This value has been provided for the purposes of bidding only. No adjustment to this lump sum bid item will be made.

2-03.5 Payment

Add the following to Section 2-03.5:

" Roadway Excavation, New Access Road and Stockpile Relocation ", per lineal foot.

The unit contract price per lineal foot for Roadway Excavation, New Access Road and Stockpile Relocation shall be full pay for excavating, loading, hauling, placing, compacting, or otherwise disposing of the materials as directed by the Engineer. All work required in removal, backfilling, plugging or abandonment of existing culverts or structures shall be included in the unit bid price of this bid item.

“LOSS Drainfield Excavation and Backfill - excavation, embankment and disposal including haul - by lump sum shall be full pay for excavating, loading, hauling, placing, compacting, or otherwise disposing of the materials as directed by the Engineer.

BID ITEM 6: TESTING PIPE

Work shall be as described in Section 7-17 of the Washington State 2025 Standard Specifications for Road, Bridge, and Municipal Construction.

1. Measurement. Measurement for Testing Pipe will be by the Lineal Foot (LF) of pipe tested and accepted. Measurement shall be the slope-distance along the finish ground surface along the trench centerline measured to the nearest foot through the centerline of fittings, flexible couplings, or points designated on the contract drawings unless otherwise specified in other bid items.
2. Payment. The quantities for payment shall be the horizontal length of the 2” delivery pipe measured in place for testing after completion and acceptance of the work measured from the pump chamber to the individual Bed alternating valves. The length of testing sewer pipe in conformance with Section 7-17.3(2) will be the number of linear feet of completed installation actually tested. The payment for work constructed under this bid item includes supplying all required water and testing equipment to perform exfiltration testing, dewatering, furnishing and installing pipe restraints, cleaning, and testing installed pipe and all other items of work associated with the pipe testing specified in the technical specifications or shown on the

Drawings unless specifically listed as a separate payment item herein. Payment shall be for the 2" pipe size described in the bid schedule.

BID ITEM 7: 8 INCH PVC 3034 SANITARY SEWER

Work shall be as described in Section 7-08 and 7-17 of the Washington State 2025 Standard Specifications for Road, Bridge, and Municipal Construction.

3. Measurement. The quantities for measurement shall be the length of the pipe measured in place after completion and acceptance of the work. Measurement shall be the slope-distance along the finish ground surface along the trench centerline measured to the nearest foot through the centerline of fittings to the face of vaults or points designated on the contract drawings unless otherwise specified in other bid items.
4. Payment. The payment for work constructed under this bid item includes excavation, placement of excavated material (either as trench backfill or as general grading material on the site), dewatering, furnishing and installing pipe and bedding, all required joint restraints, backfill and compaction as required, cleaning, and testing installed pipe, tracer wire and warning tape, and final restoration and replacement of surface grading or landscaping and all other items of work associated with the pipe specified in the technical specifications or shown on the Drawings unless specifically listed as a separate payment item herein. Payment shall be for the pipe size, installation type, backfill requirements, and field conditions in the bid schedule.

BID ITEM 8: 10 INCH PVC 3034 TEMPORARY BYPASS SYSTEM

Work shall be as described in the Special provisions and shown in the plans.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of 10-Inch PVC 3034 Temporary Bypass System.
2. Payment. The payment for work constructed under this bid item includes excavation, placement of excavated material (either as trench backfill or as general grading material), dewatering if required, furnishing and installing pipe at grade, all required joint restraints, elbows, backfill and its compaction as required, cleaning, and testing installed pipe, removal and final tie in of the existing 8" PVC sewer line, restoration and replacement of surface grading or landscaping and all other items of work associated with the pipe specified in the technical specifications or shown on the Drawings unless specifically listed as a separate payment item herein. Payment shall be determined at 25% at submittal approval, 60% upon completion of installation and placement into service, and the final 15% paid upon removal, backfill and compaction.

BID ITEM 9: STRUCTURE EXCAVATION CLASS A

BID ITEM 10: SHORING OR EXTRA EXCAVATION CLASS A

These bid items shall be accomplished in accordance with the Plans and Standard Specification Section

2-09 except as modified below:

2-09 STRUCTURE EXCAVATION

2-09.3 Construction Requirements

2-09.3(1) General Requirements

Section 2-09.3(1) is supplemented with the following:

Explosives shall not be used for structure excavation.

2-09.3(1)D Disposal of Excavated Material

Section 2-09.3(1)D is supplemented with the following:

Disposal of materials shall be as directed by the County on locations on site as determined by the Engineer. Materials shall be graded to blend with the surrounding area.

2-09.3(1)E Backfilling

Section 2-09.3(1)E is supplemented with the following:

The Contractor shall place select backfill material within the structure excavation when so specified in the Plans.

2-09.4 Measurement

Add the following to Section 2-09.4:

“Structure Excavation Class A”, if the Proposal Form contains “Structure Excavation Class A, Lump Sum”, no specific unit of measurement shall apply to the lump sum item of Structure Excavation Class A bid item.”

2-09.5 Payment

Add the following to Section 2-09.5:

“Structure Excavation Class A, Lump Sum

Add the following to 2-09.5:

The lump sum Contract price for Structure Excavation Class A shall include excavation of all material including rock and backfilling the excavation. This includes providing, hauling, placing and compacting select backfill materials specified in the Plans.

BID ITEM 11: GRAVEL BACKFILL FOR WALLS

BID ITEM 12: CONCRETE CLASS 4000

BID ITEM 13: STEEL REINFORCING BAR

These bid items shall be accomplished in accordance with the Plans and Specifications Section 6-02 except as modified below:.

6-02.4 Measurement

Add the following to Section 6-02.4

“Gravel Backfill for Walls” – No specific unit of measurement shall apply to the lump sum item of Gravel Backfill for Walls.

6-02.5 Payment

Add the following to Section 6-02.5

“Gravel Backfill for Walls” – Lump sum

The lumps sum price shall be full pay for all supply, delivery backfill, compaction, and other Work required. Gravel backfill for Walls is required for backfilling within the limits of the Structure excavation.

BID ITEM 14: CRUSHED SURFACING BASE COURSE

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 4-

04, except as modified below.

4-04.3(4) Placing and Spreading

Delete item 2 of Section 4-04.3(4), which begins "Road Mix Method. Each..." and replace with the following:

2. **Road Mix Method.** The road mix method of mixing crushed surfacing base course and top course will not be allowed.

Delete the second paragraph under item **2 Road Mix Method** of Section 4-04.3(4), which begins “The following nominal depth...” and replace with the following:

The following nominal depth of compacted material shall not be exceeded in any one course without the approval of the Engineer:

Crushed Surfacing	0.50-foot
-------------------	-----------

4-04.3(5) Shaping and Compaction

Add the following to Section 4-04.3(5):

The top surface of the compacted materials shall not deviate from the design grade in excess of the following:

Crushed Surfacing Base Course: + or – 0.02 foot.

BID ITEM 15: EROSION CONTROL AND WATER POLLUTION PREVENTION

This bid item shall be accomplished in accordance with the plans and all work described in Standard Specification Section 8-01 including the ESC lead and as modified below:

8-01 Erosion Control and Water Pollution Control

Section 8-01 is supplemented with the following:

Stormwater Pollution Prevention

The Contractor shall prepare a Stormwater Pollution Prevention Plan (SWPPP) for all construction activities required for the project. The SWPPP shall be prepared prior to any construction activities and shall be kept onsite at all times from the initial soil disturbance until final stabilization of the project site. A copy of the SWPPP shall be submitted to the Engineer.

In the event that the SWPPP needs to be modified due to changes in the Contractor’s operations, the Contractor shall prepare a revised SWPPP. This revised SWPPP shall be kept onsite at all times from the initial soil disturbance until final stabilization of the project site. A copy of this revised SWPPP shall be submitted to the Engineer.

The Contractor shall implement all provisions of the SWPPP throughout the project. This includes, but is not limited to, the installation of all necessary best management practices (BMP’s), monitoring and reporting on the BMP’s and stormwater discharges, and maintenance of the BMP’s.

BID ITEM 16: SEEDING, FERTILIZING, AND MULCHING

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 8-02, except as modified below:

8-02.3 Construction Requirements

Construction shall be performed on all disturbed ground.

8-02.3(9)B Seeding, Fertilizing and Mulching

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

Seed Mix: Grass seed, of the following composition, proportion, and quality shall be applied at the rate of **80** pounds of pure live seed per acre on all areas requiring permanent roadside seeding within the project limits.

<u>Kind and Variety of Seed in Mixture</u>	<u>Pounds Pure Live Seed (PLS) Per Acre</u>
Deschampsia elongata Slender Hairgrass	0.32
Elymus glaucus Blue Wildrye	34.43
Festuca idahonesis Idaho Fescue	5.61
Festuca ovina Sheep Fescue	0.93

Hordeum brachyantherum Meadow Barley	29.71
Koeler cristata Prairie Junegrass	0.27
<i>Lolium multiflorum</i> Annual Ryegrass	8.73
Total Pounds PLS Per Acre	80.00

Seeds shall be certified “Weed Free”, indicating there are not noxious or nuisance weeds in the seed.

Fertilizing

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

- Total Nitrogen as N - 135 pounds per acre.
- Available Phosphoric Acid as P₂O₅ - 60 pounds per acre.
- Soluble Potash as K₂O - 60 pounds per acre.

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

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

Mulching

Wood Cellulose Fiber mulch shall be hydraulically applied at a rate of 2,000 pounds per acre to produce 100% soil coverage.

8-02.4 Measurement

Section 8-02.4 is supplemented with the following:

No specific unit of measurement shall apply to the lump sum item of Seeding, Fertilizing and Mulching.

8-02.5 Payment.

Section 8-02.5 is supplemented with the following:

The lump sum price for Seeding, Fertilizing and Mulching shall include all costs necessary to prepare the area, furnish and apply seed, fertilizer and mulch and for furnishing all labor, tools, equipment and materials necessary for the Work. It is estimate there is 0.5 acre of Seeding, Fertilizing and Mulching.

BID ITEM 18: LOSS DRAINFIELD PIPING (COMPLETE)

Work shall be as described in the Special provisions and shown in the plans.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of LOSS DRAINFIELD PIPING COMPLETE.
2. Payment. Payment shall include but is not limited to, fine grading of the individual beds; provision, assembly, installation, cleaning and testing of all 1.25-inch distribution piping lateral systems; provision, assembly, installation, cleaning and testing of all 1.25-inch manifold systems; provision and installation of valves and valve boxes; provision and installation of observation ports; provision and installation of filter fabric over each lateral and inspection and testing of the completed assembly.

BID ITEM 19: LOSS PUMPS, DELIVERY SYSTEM

Work shall be as described in the Special provisions and shown in the plans.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of LOSS PUMPS, DELIVERY SYSTEM.
2. Payment. Payment shall include but is not limited to, excavation, provision, assembly, installation, cleaning and testing of six - 2-inch delivery piping systems; provision, assembly, installation, cleaning and testing of all piping, penetrations of the new tank, bedding, backfilling and final grading, provision and installation of pumps and startup testing of the completed assembly.

BID ITEM 20: LOSS CONTROLS SYSTEM

Work shall be as described in the Special provisions and shown in the plans.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of LOSS CONTROLS SYSTEM.
2. Payment. Payment shall include, but is not limited to, providing submittals for review and acceptance of all control software, hardware and support installations, assembly, installation, and testing of all units for the completed assembly.

BID ITEM 21: LOSS ELECTRICAL INSTALLATION

Work shall be as described in Section 8-20 of the Washington State 2025 Standard Specifications for Road, Bridge, and Municipal Construction and further described in the Plans and the project Special Provisions.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of LOSS ELECTRICAL INSTALLATION.
2. Payment. Payment shall include, but is not limited to, providing submittals for review and acceptance of all software, hardware and support installations, assembly, installation, and

testing of all units for the completed assembly. The Contractor shall coordinate provision of power supply and location of the transformer, lights and other support installations with the Owner, PUD and the communication supplier (AET).

BID ITEM 22: FENCE AND GATE – TYPE 2

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 8-12, except as modified below. Fencing shall be in accordance with the standard plan details.

8-12.4 Measurement

“Fence and Gate – Type 2” will be measured by the linear foot of completed fence, along the ground line, exclusive of openings and will be measured by the linear foot along the line and slope at the base of the completed fence, end, gate, corner, and pull posts for the Type 2 fence.

8-12.5 Payment

Payment will be made for “Fence and Gate- Type 2”, per linear foot. The unit Contract price per linear foot for “Fence and Gate - Type 2” shall be full payment for all costs for the specified Work including brace post installation, gate and all other requirements of Section 8-12 for “Fence and Gate – Type 2”, unless covered in a separate Bid Item in this section

BID ITEM 23: CHAIN LINK FENCE AND GATE-TYPE 3

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 8-12, except as modified below. Fencing shall be in accordance with the standard plan details.

8-12.4 Measurement

Chain link fence and wire fence will be measured by the linear foot of completed fence, along the ground line, exclusive of openings and will be measured by the linear foot along the line and slope at the base of the completed fence, end, gate, corner, and pull posts for chain link fence.

8-12.5 Payment

Payment will be made for “Chain Link Fence Type 3 and Gate”, per linear foot. The unit Contract price per linear foot for “Chain Link Fence Type 3 and Gate” shall be full payment for all costs for the specified Work including brace post installation, gate and all other requirements of Section 8-12 for Chain Link Fence, unless covered in a separate Bid Item in this section

BID ITEM 24: ABANDON EXISTING DRAINFIELD

Work shall be as described in the Special provisions and shown in the plans.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of Abandon Existing Drainfield.
2. Payment. The work constructed under this item includes but is not limited to all labor, equipment, and material necessary to provide for the removal of all drainfield access ports; removal, cleaning and replacement of existing filters; removal and abandonment of the existing

syphon chamber; placement of waste and excess excavated materials as directed by the Owner and final abandonment as described in the Special Provisions.

BID ITEM 25: TRENCH SAFETY SYSTEM

The contractor shall provide for a bid item for Trench safety system for all pipe installed over 4' deep.

1. Measurement. No specific unit of measurement shall apply to the lump sum item of TRENCH SAFETY SYSTEM.
2. Payment. Payment for Trench Safety System shall be full compensation for all labor, equipment, materials, tools required to complete all work to furnish and install this item to include but not limited to furnishing, installing, maintaining and removing all trench safety systems.

SPECIAL PROVISIONS

The following Special Provisions are a part of this project.

The following Special Provisions describe specific work portions of the overall Work. For all materials provided, the Contractor shall provide catalog cuts, shop drawings, source of materials and samples if requested for review and approval prior to ordering of materials.

Contractor or Subcontractor Septic System Qualifications:

At the time of septic system installation, the Contractor or Subcontractor installing the septic system (pipes, drainfield, pumps and related items) shall be a licensed septic system installer and shall:

1. Be currently approved by the local health jurisdiction in the county where the LOSS is to be constructed.
3. have the following experience:
 - a. Three or more years' experience installing OSS; and
 - b. A record of successful completion of at least one similar installation, including a pressure distribution drainfield, and

Pipe Testing:

Testing of pipe – all permanent piping installed on the project (delivery piping, drainfield piping and gravity piping) shall be as follows:

- The contractor shall provide a testing and startup plan for review and approval by the Engineer. All gravity piping shall be hydrostatically tested in accordance with Section 7-17 for exfiltration testing per the WSDOT Standard Specifications. The Owner may allow for visual inspection at their discretion.
- All 2" delivery piping shall be tested from the pumps to the valve box. Testing shall generally be performed in accordance with Section 7-09.3(23) with test pressure at 150 psi.
- No testing shall be conducted on the drainfield; however, the contractor shall perform operational testing of each line prior to backfilling to ensure that all orifices are clean and operational and that all valves are operating.

Removing Wire Fence

The existing drainfield site fence will be removed as directed by the Owner. The existing fencing will become the property of the Contractor and will be disposed of offsite in a legal manner.

All costs associated with this work will be included in the Bid Item "Removing Wire fence".

Roadway Excavation – New Access Road and Stockpile Relocation

The Contractor will construct a new access road at the location and to the cross-section shown in the plans. The road will be graded by the Contractor as directed by the Owner. The roadway section will match the section shown on the plans with a base and a running surface of Crushed Surfacing Base Course [WSDOT Spec 9-03.9(3)]. The Contractor shall furnish aggregate material from a WSDOT approved pit site and shall furnish laboratory tests for gradation based on approve tests within the last 12 months. Work shall also include the relocation of existing stockpiles of granular material as directed by the Owner. The contractor shall compact the underlying subgrade of the new access road to a firm and unyielding condition before placement of the new roadway materials.

All costs for this work shall be included in the bid items "Roadway Excavation-New Access Road and Stockpile Relocation", and "Crushed Surfacing Base Course".

Delivery Piping

Delivery – transport piping shall be defined as the piping from the pumps to the alternating valves located at each bed. There will be six (6) individual delivery pipes installed in a common trench.

Delivery-transport piping shall be as follows:

- 2" diameter IPS Schedule 40 PVC pipe
- Fittings shall be solvent weld fittings
- Elbows shall be a maximum of 45° bends; no 90° bends will be allowed.
- All bends and valves shall be constructed with thrust blocks or approved thrust restraints.
- Locate wire shall be in accordance with Section 9-29.3(2)A4 of the Standard Specifications.
- Warning tape shall be in accordance with Section 7-09.3(20) of the Standard Specifications.

All costs for this work shall be included in the bid items "Testing Pipe (Delivery Piping)" and "LOSS Pumps, Delivery System".

10 Inch PVC 3034 Temporary Bypass System

The Contractor shall construct a temporary bypass pipe for installation of the dosing tank. The bypass installation shall be laid to grade with eccentric reducers at each end for the tie in. Following completion of the new tank, the abandonment work at the existing tank and placing the new system on line the existing line will be connected to the new tank with reconnection with the existing tank. Removal of the bypass shall be as directed by the County.

Pipe and fittings shall be:

- Solid wall PVC 3034 – 10" diameter or approved equal.

All costs for this work shall be included in the bid item **“10 Inch PVC 3034 Temporary Bypass System”**.

Dosing-Septic Tank

A new cast in place concrete dosing-septic tank will be constructed at the site. Half of the tank will serve as an initial compartment for flow and initial treatment, with flow then transmitted by gravity to the existing tank for treatment and filtering. Flow will then flow by gravity to the second chamber of the new Dosing tank and be pumped to the drainfield. The Contractor shall submit a falsework and forming plan for review and approval by the Owner prior to construction.

All penetrations will be made with watertight connectors and shall be installed with baffle tees. Traffic bearing lids shall be installed at all access locations. The Contractor shall provide a minimum of two T-handle wrenches for locking lids. The following items shall be installed with this work:

- Concrete shall be a Class 4000 psi mix
- Flexible watertight connections shall be Kor n seal boots, Link-Seal brand or approved equal.
- Access lids shall be VPC Fiberglass (Virtual Polymer Compounds LLC) composite H2O load carrying capacity and cam locking capability or approved equal.
- Butyl Caulk sealant shall be provided at all access openings.
- Steel Reinforcing shall be ASTM A615 – Grade 60
- Piping shall be PVC 3034 at the size shown on the plans
- Waterstop shall be 6” PVC Greenstreak (Sika) or approved equal with center bulb and welded joints.
- Anchors shall be 5/8” Dia SS wedge anchors

- Corrugated penetrations – Sonotube or approved equal.
- Final grading of material around tank to control runoff

The Contractor shall verify that all sewage tanks used in the LOSS are tested for water tightness by either vacuum testing or water-pressure testing. (1) Vacuum testing steps: (a) Seal the empty tank; (b) Temporarily seal access openings, risers, and inlet and outlet pipes; and (c) Introduce negative pressure into the tank and apply a vacuum to four inches (one hundred millimeters) of mercury. (d) The tank passes if ninety percent of vacuum is held for two minutes. (2) Water-pressure testing steps: (a) Seal the empty tank; (b) Seal access openings, risers, and inlet and outlet pipes; (c) Fill the tank with water two inches into the riser and let stand for twenty-four hours; and (d) Add water to the tank, if necessary, to the original level. (e) The tank passes if the water level is unchanged after one hour. (3) The design engineer shall reject tanks that do not meet the water tightness standard. (4) If the tank fails, the Contractor may try to repair and retest the tank. (a) The test must be completed according to the requirements of subsection (2) or (3) of this section. (b) If the water-pressure test method is used, the twenty-four-hour standing time is not required.

All costs for this work shall be included in the bid items for **“Concrete Class 4000”**, **“Steel Reinforcing Bar”**, **“Structure Excavation Class A”**, **“Shoring or Extra Excavation Class A”**, and **“Gravel Backfill for Walls”**.

Erosion Control and Water Pollution Prevention

This Work consists of furnishing, installing, maintaining, removing and disposing of best management practices (BMPs), as defined in the Washington Administrative Code (WAC) 173-201A, and as required by Cowlitz County. The contractor shall submit a Stormwater Protection Plan for review and approval by the

Owner. The contractor shall perform monthly maintenance on the approved “Plan” and weekly inspections of the installed BMP’s.

All costs for this work shall be included in the bid item “**Erosion Control and Water Pollution Prevention**”.

LOSS Drainfield Excavation and Backfill

The Work for the LOSS Drainfield construction shall consist of removal of all overburden and vegetation. Excavation of the individual zones as shown in the plans. The bid item shall include work from the end of the transport piping located at the beginning at the alternating valves.

Items include:

- Excavation of the individual beds (18 beds, 36 total zones)
- Installation of clean drainrock – gravel backfill for Drains (WSDOT 9-03.12(4) or approved equal (estimated 610 cy). Source and material to be preapproved by the Engineer. "Drain rock" means clean washed gravel or crushed rock ranging in size from three-fourths inch to two and one-half inches and containing no more than two percent by weight passing a US No. 8 sieve and no more than one percent by weight passing a US No. 200 sieve.
- Backfill with excavated material
- Wasting of excess excavated material as slope construction at the new tank or at the existing drainfield.

All costs for this work shall be included in the bid item “**LOSS Drainfield Excavation and Backfill**”.

LOSS Drainfield Piping Complete

The Work for the LOSS Drainfield Piping shall include all valving, manifold and distribution piping, distribution piping perforations and observation ports, filter fabric, valve boxes, ball valves and alternating valves.

- Manifold Piping shall be 1.5” IPS solvent weld schedule 40 PVC.
- Distribution laterals shall be 1.25” IPS solvent weld Schedule 40 PVC.
- 3/16” orifice holes at 29” spacing with alternating orifice facing up with orifice shields or down
- Manifold valves shall be 1.5” alternating valves, K-Rain Manufacturing or approved equal installed in a securable valve box
- Onsite distribution valves (72) shall be 6000 RCW Indexing Valves (K-Rain Manufacturing, Florida) or approved equal
- Orifice shields shall be provided for each orifice facing up
- Tees and fittings shall be 1.5” or 1.25” depending on location and shall be Schedule 40 PVC
- Fabric shall be non-woven geotextile – Type R – with moderate survivability, made for separation as described in WSDOT 9-33.2
- Valve boxes shall be sized for access and operable maintenance, with locking lids – Dura 15 or equal; 12” deep with minimum size of 14” x 19”.
- Leave the drainfield lines uncovered until the drainfield passes the department's final inspection. Driplines may be covered prior to inspection.

All costs for this work shall be included in the bid item **“LOSS Drainfield Piping Complete”**.

LOSS pumps, delivery system

The work for this item shall include removal, inspection and cleaning of the existing filters. Contractor shall provide input to the Owner related to condition of the existing filters and need to replace if necessary.

Other work will include:

- Filter cleaning, inspection and assessment
- 6 high head SS alternating pumps - Franklin / Schaffer E-Series 60HE15S4 or equal capable of 57 gallons per minute (GPM) at 68 feet complete with pull cord,
- 2” Schedule 80 pvc including elbows, check valve, fittings and unions
- Minimum of 40 foot power cable for pumps
- Testing and pump startup

All costs for this work shall be included in the bid item **“LOSS pumps, delivery system”**.

LOSS Controls System

Work shall consist of the supply, programming, installation and startup of the Controls system. A Programmable Level Control (PLC) timed dosing panel will provide dosing at 145-gallon doses every 0.25 hour (15 min) alternating doses between the six pumps. Each of the six pumps will pump to their individually designated (6) zones, and will switch on every 1.5 hours; Consequently, each of the 36 zones will receive a dose every nine hours. Low tank level will dose at 20% of peak design rate, which increases the off time to 75 minutes. This allows each drainfield to continue regular intervals in times of low use. The contractor shall submit shop drawings or catalog cut information for approval of all materials to be installed in the project. The work includes, but is not limited to:

- Controller for design is OSI/NuWater model TCOM-HEX2 PTROCS CELL or equal.
- Cellular modem and panel by Mission Controls -Coordinate with County and with AET; Zach Warring at 360-636-2544. Cellular supplier will be US Cellular
- Float Control system complete with supports, adequate extra wiring for removal of float tree
- Float tree and mercury floats (4)
- Conductors shall be THHN
- Conduit sleeves for power shall be 4” PVC Schedule 40. All bends shall be shop fabricated.
- All circuits shall be constructed to meet intrinsically safe Class 1 – Div 1 requirements.

All costs for this work shall be included in the bid item **“LOSS Controls System”**.

LOSS Electrical Installation

Electrical work shall include providing the necessary power needs for the project as shown in the plans. The contractor shall submit shop drawings or catalog cut information for approval of all materials to be installed in the project. Work shall include:

- Installation of control panel mounted on posts with concrete footings

- Coordination of power supply and installation with Cowlitz PUD – Contact Clint Kiser 360-423-2210. All invoicing will be directed to Cowlitz County. Contact is Chris Andrews (andrewsc@cowlitzwa.gov)
- Installation of meter base as coordinated with Cowlitz PUD
- Conduit shall be rigid PVC Conduit as described in WSDOT Section 9-29.1(4)A
- Conduit sleeves for power shall be 4” PVC Schedule 40. All bends shall be shop fabricated.
- Conductors shall be THHN above ground; XHHW for below ground installations
- Junction boxes as approved by WA L&I
- Hand hole boxes shall be as described in the contract plans
- Illumination pole and 10,000 lumen luminaire
- Courtesy weather proof GFCI receptacle
- NEMA 3R panel, 120V/240V, 1PH, 3W, 100 Amp
- Junction boxes as required by NEC
- Grounding installation shall be as shown in the plans; grounding wire shall be bare copper as sized.

All costs for this work shall be included in the bid item **“LOSS Electrical Installation”**.

Abandon Existing Drainfield

The existing tank and drainfield shall be abandoned as described below:

- The north syphon chamber of the existing tank shall be decommissioned including emptied, cleaned and backfilled with excess excavated material for abandonment. Syphon pipes shall be cut, capped, removed and disposed of offsite at the contractors expense and at an authorized disposal site.
- The drainfield is to be graded with available waste material as directed by the Owner
- Removal of all riser access/inspection tubes unless requested by the County for inspection.
- Addition of locking lids on existing tank.
- The existing drainfield area will be generally graded with spoils from excavation as directed by the County.
- Seeding and mulching of the site shall be coordinated with the Engineer and Owner with a suitable field mix.

All costs for this work shall be included in the bid item **“Abandon Existing Drainfield”**.

(January 5, 2026)

Standard Plans

The Washington State Department of Transportation *Standard Plans* M21-01, published September 2024, is made a part of this Contract with the following revisions:

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-55.20

General Note 3 reference to "2-09.4" is revised to read "3-07.4".

B-90.40

Valve Detail – DELETED

C-20.41

Note 4, First Sentence, "Box Culvert guardrail steel posts are not needed for fill depths greater than 40 inches." is revised to read; "Box culvert guardrail steel posts are not needed for fill depths greater than 46 inches. Provide 6-inches or greater of separation between the bottom of the guardrail post and top of the culvert"

BOX CULVERT POST ASSEMBLY, ELEVATION VIEW, post assembly length dimension "41" MIN. 72" MAX." is revised to read; "41" MIN. 78" MAX."

SECTION A, base material depth dimension - "9" MIN. 40" MAX. (SEE NOTE 4)" is revised to read: "9" MIN. 46" MAX. (SEE NOTE 4)"

C20-43

Note 4, First Sentence: "Box culvert guardrail steel posts are not needed for fill depths greater than 40 inches." is revised to read: "Box culvert guardrail steel posts are not needed for fill depths greater than 46 inches. Provide 6-inches or greater separation between the bottom of guardrail post and top of culvert."

Add a new KEY NOTE 4 - "IT IS PERMISSIBLE TO USE A 1" DIAM. ANCHOR ROD WITH TWO NUTS AND TWO - 1" DIAM. WASHERS PER STD. SPEC. SECTION 9-06.5(4) IN LIEU OF A HEX HEAD BOLT."

BOX CULVERT POST & BASE PLATE ASSEMBLY, ELEVATION VIEW, post assembly length dimension - "41" MIN. 72" MAX." is revised to read: "41" MIN. 78" MAX."

SECTION A, base material depth dimension - "9" MIN. 40" MAX. (SEE NOTE 4)" is revised to read: "9" MIN. 46" MAX. (SEE NOTE 4)"

Section A, callout - "1" (IN) DIAM. HEX HEAD BOLT (ASTM A 307, GR. A) W/NUT & 2 - 1" DIAM. WASHERS PER STD. SPEC. SECTION 9-06.5(1) ~ SEE NOTE 1", is revised to read:

"1" (IN) DIAM. HEX HEAD BOLT (ASTM A 307, GR. A) W/NUT & TWO - 1" DIAM. WASHERS PER STD. SPEC. SECTION 9-06.5(1) ~ SEE KEY NOTES 1 AND 4"

Elevation View, Weld symbol - callout, See (key Note Symbol) "4" is revised to read: See (key Note Symbol) "3"

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-60.20

Sheet 1, Plan view, callout - "1/2" (IN) DIAMETER X 6 1/2" (IN) LONG ANCHOR BOLT ~ PER STD. SPEC. SECT. 9-06.5(4) (TYPICAL) (SEE NOTE 7)" is revised to read: "5/8" DIAMETER x 6 1/2" (IN) LONG ANCHOR BOLT ~ PER STD. SPEC. SECT. 9-06.5(4) (TYPICAL) (SEE NOTE 7)"

C-70.15

BARRIER CONNECTION DETAIL, callout - "CENTER GRID IN CONNECTION BLOCKOUT AND FILL VOID WITH TYPE 3 GROUT (STD. SPECIFICATION SECTION 9-20.3(3) PLACED IN ACCORDANCE WITH STD. SPECIFICATION SECTION 6-20.3(20)" is revised to read "CENTER GRID IN CONNECTION BLOCKOUT AND FILL VOID WITH GROUT TYPE 3 (STD. SPECIFICATION SECTION 9-20.3(3) PLACED IN ACCORDANCE WITH STD. SPECIFICATION SECTION 6-02.3(20)"

C81.10

Sheet 1, TYPICAL SECTION - TRAFFIC BARRIER the R4 #6 bar on the traffic face may be placed 4" down from the top of the barrier to allow additional room to install BP railing or other attachments. The R4 bar shall be kept tight to the front R2 bar.

Sheet 4, the existing table "IMPACT SHEAR AND IMPACT MOMENT TABLE" is renamed to "IMPACT SHEAR AND MOMENT TABLE DECK OVERHANG AND CONNECTIONS" keynote 25 is still applicable.

Sheet 4, NOTES, the following Note is added: "3. Deck overhangs for this use constitute plain reinforced concrete typically around 8" in thickness, non-prestressed moment slabs or approach slabs, or plain reinforced and longitudinally prestressed box girders which employ a topping slab. Other Supporting Structure Systems inclusive of post-tensioned decks, walls, and or Structure segments tied together without a topping slab, with the ties in the barrier resistance load path, shall use the impact shear and moments for other supporting structures."

Sheet 4, the following table is added with a keynote 25.

IMPACT SHEAR AND MOMENT TABLE OTHER SUPPORTING STRUCTURES										
	Interior Segment					End Segment				
Roadway and Fill Height at Curb Line (in)	0	6	12	18	24	0	6	12	18	24
End Segment Length (ft)	-	-	-	-	-	10.0	10.5	11.2	11.7	12.50
Impact Moment (kip*ft/ft)	19.8	24.1	28.5	33.1	37.9	20.8	25.1	29.6	34.2	39.04
Impact Shear (kip/ft)	7.89	8.04	8.23	8.44	8.68	8.27	8.39	8.54	8.72	8.92

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 CONTRACT PLANS"

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".

E-20.10

On Sheet 2, the reference to "2-09.4" is revised to read "3-07.4".

F-10.18

Note 1; "Construct curb joints at cement 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."

CURB 3 Detail, the diamond note 1 callout on the 6" dimension at the bottom left side of the detail, is revised to be a diamond note 2 callout.

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-5.50

General Note 4 reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

General Note 5 reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

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-15.15

The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-20.01

STANDARD DIMENSIONS AND REFERENCES table, TYPE FB, Standard Height column – “15’-0” ”is revised to read; “14’-0” ”

J-20.10

DELETED

J-20.11

DELETED

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 ~ ¾” (IN) x 30” (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY” is revised to read; “ANCHOR BOLTS ~ ¾” (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 ½” DIAM., is revised to read; CHASE NIPPLE ~ 1 ½” (IN) DIAM.

J-21.16

On both elevation views, the overall standard height dimension “15'-0” ” is revised to read; “14'-0” ”

J-26.10

The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-27.10

The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-28.30

General Note 13 – “See Standard Plans C-8b and C-85.14 for steel light standards on traffic barrier” is revised to read; “See Standard Plan C-85.15 for steel light standards on traffic barrier.”

J-29.10

The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-40.10

Sheet 2 of 2, Detail F, callout, “12 – 13 x 1 ½” S.S. PENTA HEAD BOLT AND 12” S. S. FLAT WASHER” is revised to read; “12 – 13 x 1 ½” 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-50.15

Sheet 1, SECTION A, the call out “LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 3 PAIRS” is revised to read “LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 6 PAIRS”

General Note 1 reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

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.

K-80.32

Sheet 1, END VIEW, the callout located at the base of barrier – “SEE NOTE 2” is revised to read: “SEE NOTE 3”

Sheet 2, WIRE ROPE LOOP DETAIL, dimension (overall length) – “SEE NOTE 1” is revised to read: “SEE NOTE 2”

Sheet 2, Side View (Right), callout – “WIRE ROPE LOOPS – SEE NOTE 1” is revised to read: “WIRE ROPE LOOPS – SEE NOTE 2”

L-5.10

Add new general Note 9 on sheet 1 – “9. The top of wall in Section A on Sheet 1 shall be located as follows: 1) flush with the finished grade when placed within the deflection distance of the long span guardrail system (Std. Plan C-20.40), 2) Two inches maximum above finished grade when placed behind a box culvert guardrail steel post system (Std. Plan C-20.41 or C-20.43), 3) Six inches minimum for all other applications. The bottom rail shall be located at mid height between the top rail and the top of structure.”

M-20.30

Wide Dotted Lane Line Detail, reference below title, (SEE NOTE 6) is revised to read: (SEE NOTE 5)

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-10.10-00..... 8/7/07	A-30.35-00 10/12/07	A-50.10-02 7/18/24
A-10.20-00..... 10/5/07	A-40.00-01 7/6/22	A-50.40-01 8/17/21
A-10.30-00..... 10/5/07	A-40.10-04 7/31/19	A-60.10-03 12/23/14
A-20.10-00..... 8/31/07	A-40.15-00 8/11/09	A-60.20-03 12/23/14
A-30.10-00..... 11/8/07	A-40.20-04 1/18/17	A-60.30-01 6/28/18
A-30.30-01..... 6/16/11	A-40.50-03 9/12/23	A-60.40-00 8/31/07
B-5.20-03..... 9/9/20	B-30.50-03 2/27/18	B-75.20-03 8/17/21
B-5.40-02..... 1/26/17	B-30.60-00 9/9/20	B-75.50-02 3/15/22
B-5.60-02..... 1/26/17	B-30.40-03 2/27/18	B-70.60-01 1/26/17
B-10.20-03..... 8/23/23	B-30.70-04 2/27/18	B-75.60-00 6/8/06
B-10.40-02..... 8/17/21	B-30.80-01 2/27/18	B-80.20-00 6/8/06
B-10.70-03..... 8/23/23	B-30.90-02 1/26/17	B-80.40-00 6/1/06
B-15.20-01..... 2/7/12	B-35.20-00 6/8/06	B-85.10-01 6/10/08
B-15.40-01..... 2/7/12	B-35.40-01 8/23/23	B-85.20-00 6/1/06
B-15.60-02..... 1/26/17	B-40.20-00 6/1/06	B-85.30-00 6/1/06
B-20.20-02..... 3/16/12	B-40.40-02 1/26/17	B-85.40-00 6/8/06
B-20.40-04..... 2/27/18	B-45.20-01 7/11/17	B-85.50-01 6/10/08
B-20.60-03..... 3/15/12	B-45.40-01 7/21/17	B-90.10-00 6/8/06
B-25.20-02..... 2/27/18	B-50.20-00 6/1/06	B-90.20-00 6/8/06

B-25.60-03..... 8/23/23	B-55.20-03 8/17/21	B-90.30-00 6/8/06
B-30.05-00..... 9/9/20	B-60.20-02 9/9/20	B-90.40-01 1/26/17
B-30.10-03..... 2/27/18	B-60.40-01 2/27/18	B-90.50-00 6/8/06
B-30.15-00..... 2/27/18	B-65.20-01 4/26/12	B-95.20-02 8/17/21
B-30.20-04..... 2/27/18	B-65.40-00 6/1/06	B-95.40-01 6/28/18
B-30.30-03..... 2/27/18	B-70.20-01 3/15/22	
C-1 9/8/22	C-23.70-01 10/16/23	C-70.10-04..... 10/16/23
C-1b 10/12/23	C-24.10-05 7/21/24	C-70.15-01..... 7/21/24
C-1d 10/31/03	C-24.15-00 3/15/22	C-75.10-02..... 9/16/20
C-6a 9/8/22	C-25.20-07 8/20/21	C-75.20-03..... 8/20/21
C-7 9/8/22	C-25.22-06 8/20/21	C-75.30-03..... 8/20/21
C-7a 9/8/22	C-25.26-05 8/20/21	C-80.10-03..... 10/16/23
C-20.10-09 10/12/23	C-25.30-01 8/20/21	C-80.20-01 6/11/14
C-20.14-05 9/8/22	C-25.32-00 7/29/24	C-80.30-02..... 8/20/21
C-20.15-03 10/12/23	C-25.80-05 8/12/19	C-80.40-01 6/11/14
C-20.18-04 9/8/22	C-60.10-04 7/21/24	C-85.10-00..... 4/8/12
C-20.40-10 10/12/23	C-60.15-01 7/21/24	C-85.11-01..... 9/16/20
C-20.41-05 7/18/24	C-60.20-01 9/8/22	C-85.15-03..... 10/17/23
C-20.43-01 7/18/24	C-60.30-02 7/21/24	C-85-18-03..... 9/8/22
C-20.44-00 8/13/24	C-60.40-01 7/21/24	C-81.10-00..... 9/12/23
C-20.45-03 9/8/22	C-60.45-01 7/21/24	C-81.15-00..... 9/12/23
C-20.55-00 7/30/24	C-60.50-01 7/21/24	
C-22.16-08 10/17/23	C-60.60-01 7/21/24	
C-22.40-11 7/21/24	C-60.70-01 9/8/22	
C-22.45-07 7/21/24	C-60.80-02 7/21/24	
D-2.36-03 6/11/14	D-3.11-03..... 6/11/14	D-10.25-01..... 8/7/19
D-2.46-02 8/13/21	D-4 12/11/98	D-10.30-00..... 7/8/08
D-2.84-00 11/10/05	D-6 6/19/98	D-10.35-00..... 7/8/08
D-2.92-01 4/26/22	D-10.10-01 12/2/08	D-10.40-01 12/2/08
D-3.09-00 5/17/12	D-10.15-01 12/2/08	D-10.45-01 12/2/08
D-3.10-01 5/29/13	D-10.20-01 8/7/19	D-20.10-00..... 10/9/23
E-1..... 2/21/07	E-4 8/27/03	E-20.10-00 9/12/23
E-2..... 5/29/98	E-4a 8/27/03	E-20.20-00 10/4/23
F-10.12-04..... 9/24/20	F-10.62-02 4/22/14	F-40.15-04 9/25/20
F-10.16-00 12/20/06	F-10.64-03 4/22/14	F-40.16-03 6/29/16
F-10.18-04..... 6/28/24	F-30.10-04 9/25/20	F-45.10-05 6/4/24
F-10.40-04..... 9/24/20	F-40.12-03 6/29/16	F-80.10-04 7/15/16
F-10.42-00..... 1/23/07	F-40.14-03 6/29/16	
G-10.10-00 9/20/07	G-24.50-05..... 8/7/19	G-90.10-03..... 7/11/17
G-20.10-03 8/20/21	G-24.60-05..... 6/28/18	G-90.20-05..... 7/11/17
G-22.10-04 6/28/18	G-25.10-05..... 9/16/20	G-90.30-04..... 7/11/17
G-24.10-00 11/8/07	G-26.10-00..... 7/31/19	G-95.10-02..... 6/28/18
G-24.20-01 2/7/12	G-30.10-04 6/23/15	G-95.20-03..... 6/28/18
G-24.30-02 6/28/18	G-50.10-03..... 6/28/18	G-95.30-03..... 6/28/18
G-24.40-07 6/28/18		
H-10.10-01 6/2/24	H-30.10-00 10/12/07	H-70.10-02..... 8/17/21
H-10.11-00 6/2/24	H-32.10-00 9/20/07	H-70.20-02..... 8/17/21
H-10.15-01 6/2/24	H-60.10-01 7/3/08	
H-10.16-00 6/2/24	H-60.20-01 7/3/08	

I-10.10-01 8/11/09	I-30.20-00 9/20/07	I-40.20-00 9/20/07
I-30.10-02 3/22/13	I-30.30-02 6/12/19	I-50.20-02 7/6/22
I-30.15-02 3/22/13	I-30.40-02 6/12/19	I-60.10-01 6/10/13
I-30.16-01 7/11/19	I-30.60-02 6/12/19	I-60.20-01 6/10/13
I-30.17-01 6/12/19	I-40.10-00 9/20/07	I-80.10-02 7/15/16
J-05.50-00 8/30/22	J-26.10-03 7/21/16	J-50.05-00 7/21/17
J-10 7/18/97	J-26.15-01 5/17/12	J-50.10-01 7/31/19
J-10.10-04 9/16/20	J-26.20-01 6/28/18	J-50.11-02 7/31/19
J-10.12-00 9/16/20	J-27.10-01 7/21/16	J-50.12-02 8/7/19
J-10.14-00 9/16/20	J-27.15-00 3/15/12	J-50.13-01 8/30/22
J-10.15-01 6/11/14	J-28.01-00 8/30/22	J-50.15-01 7/21/17
J-10.16-02 8/18/21	J-28.10-02 8/7/19	J-50.16-01 3/22/13
J-10.17-02 8/18/21	J-28.22-00 8/07/07	J-50.18-00 8/7/19
J-10.18-02 8/18/21	J-28.24-02 9/16/20	J-50.19-00 8/7/19
J-10.20-04 8/18/21	J-28.26-01 12/02/08	J-50.20-00 6/3/11
J-10.21-02 8/18/21	J-28.30-04 6/18/24	J-50.25-00 6/3/11
J-10.22-03 10/4/23	J-28.40-02 6/11/14	J-50.30-00 6/3/11
J-10.25-01 6/21/24	J-28.42-01 6/11/14	J-60.05-01 7/21/16
J-10.26-00 8/30/22	J-28.43-01 6/28/18	J-60.11-00 5/20/13
J-12.15-00 6/28/18	J-28.45-03 7/21/16	J-60.12-00 5/20/13
J-12.16-00 6/28/18	J-28.50-03 7/21/16	J-60.13-00 6/16/10
J-15.10-01 6/11/14	J-28.60-03 8/27/21	J-60.14-01 7/31/19
J-15.15-02 7/10/15	J-28.70-04 8/30/22	J-75.10-02 7/10/15
J-20.01-01 6/21/24	J-29.10-02 8/26/22	J-75.20-01 7/10/15
J-20.05-00 6/21/24	J-29.15-01 7/21/16	J-75.30-02 7/10/15
J-20.10-05 10/4/23	J-29.16-02 7/21/16	J-75.50-00 8/30/22
J-20.11-03 7/31/19	J-30.10-01 8/26/22	J-75.55-00 8/30/22
J-20.15-04 6/21/24	J-40.01-00 8/30/22	J-80.05-00 8/30/22
J-20.16-02 6/30/14	J-40.05-00 7/21/16	J-80.10-01 8/18/21
J-20.20-02 5/20/13	J-40.10-04 4/28/16	J-80.12-00 8/18/21
J-20.26-01 7/12/12	J-40.20-03 4/28/16	J-80.15-00 6/28/18
J-21.10-05 6/21/24	J-40.30-04 4/28/16	J-81.10-02 8/18/21
J-21.15-01 6/10/13	J-40.35-01 5/29/13	J-81.12-00 9/3/21
J-21.16-02 6/21/24	J-40.36-02 7/21/17	J-84.05-00 8/30/22
J-21.17-01 6/10/13	J-40.37-02 7/21/17	J-86.10-00 6/28/18
J-21.20-01 6/10/13	J-40.38-01 5/20/13	J-90.10-03 6/28/18
J-22.15-03 6/21/24	J-40.39-00 5/20/13	J-90.20-03 6/28/18
J-22.16-03 7/10/15	J-40.40-02 7/31/19	J-90.21-02 6/28/18
J-22.17-00 6/21/24	J-45.36-00 7/21/17	J-90.50-00 6/28/18
K-70.20-01 6/1/16	K-80.32-00 8/17/21	K-80.35-01 9/16/20
K-80.10-02 9/25/20	K-80.34-00 8/17/21	K-80.37-01 9/16/20
L-5.10-02 6/5/24	L-20.10-03 7/14/15	L-40.20-02 6/21/12
L-5.15-00 9/19/22	L-30.10-02 6/11/14	L-70.10-01 5/21/08
L-10.10-02 6/21/12	L-40.15-01 6/16/11	L-70.20-01 5/21/08
M-1.20-04 9/25/20	M-9.60-00 2/10/09	M-24.66-00 7/11/17
M-1.40-03 9/25/20	M-11.10-04 8/2/22	M-40.10-04 10/17/23
M-1.60-03 9/25/20	M-12.10-04 6/28/24	M-40.20-00 10/12/07
M-1.80-03 6/3/11	M-15.10-02 7/17/23	M-40.30-01 7/11/17
M-2.20-03 7/10/15	M-17.10-02 7/3/08	M-40.40-00 9/20/07
M-2.21-00 7/10/15	M-20.10-04 8/2/22	M-40.50-00 9/20/07

M-3.10-04	9/25/20	M-20.20-02.....	4/20/15	M-40.60-00	9/20/07
M-3.20-04	8/2/22	M-20.30-05.....	6/28/24	M-60.10-01	6/3/11
M-3.30-04	9/25/20	M-20.40-03.....	6/24/14	M-60.20-03	8/17/21
M-3.40-04	9/25/20	M-20.50-02.....	6/3/11	M-65.10-03	8/17/21
M-3.50-03	9/25/20	M-24.20-02.....	4/20/15	M-80.10-01	6/3/11
M-5.10-03	9/25/20	M-24.40-02.....	4/20/15	M-80.20-00	6/10/08
M-7.50-01	1/30/07	M-24.60-04.....	6/24/14	M-80.30-00	6/10/08
M-9.50-02	6/24/14	M-24.65-00.....	7/11/17		

Prevailing Minimum Hourly Wage Rates

State of Washington
 Department of Labor & Industries
 Prevailing Wage Section - Telephone 360-902-5335
 PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 02/24/2026

Cowlitz County

Trade [▲]	Job Classification [◇]	Wage [◇]	Holiday	Overtime	Note	Ris
Asbestos Abatement Workers	Journey Level	\$62.61	6Z	1M		
Boilermakers	Journey Level	\$78.89	5N	1C		
Brick Mason	Brick Finisher	\$50.38	5A	1B		
Brick Mason	Caulker-Pointer-Cleaner	\$76.59	5A	1B		
Brick Mason	Journey Level	\$76.59	5A	1B		
Building Service Employees	Janitor	\$17.13		1		
Building Service Employees	Shampooer	\$17.13		1		

Building Service Employees	Waxer	\$17.13		1	
Building Service Employees	Window Cleaner	\$17.13		1	
Cabinet Makers (In Shop)	Journey Level	\$17.13		1	
Carpenters	Acoustical Worker	\$71.70	15J	11U	9L
Carpenters	Bridge & Highway Carpenter	\$73.07	15J	11U	9L
Carpenters	Floor Layer And Floor Finishers	\$71.87	15J	11U	9L
Carpenters	General Carpenter	\$71.70	15J	11U	9L
Carpenters	Scaffold/Shoring Erecting & Dismantling	\$67.70	7E	4X	8N
Carpenters	Stationary Power Saw	\$71.87	15J	11U	9L
Cement Masons	Application of all Composition Mastic	\$81.87	15J	4U	
Cement Masons	Application of all Epoxy Material	\$81.36	15J	4U	
Cement Masons	Application of all Plastic Material	\$81.87	15J	4U	
Cement Masons	Application of Sealing Compound	\$81.36	15J	4U	

Cement Masons	Application of Underlayment	\$81.87	15J	4U
Cement Masons	Building General	\$81.36	15J	4U
Cement Masons	Composition or Kalman Floors	\$81.87	15J	4U
Cement Masons	Concrete Paving	\$81.36	15J	4U
Cement Masons	Curb & Gutter Machine	\$81.87	15J	4U
Cement Masons	Curb & Gutter, Sidewalks	\$81.36	15J	4U
Cement Masons	Curing Concrete	\$81.36	15J	4U
Cement Masons	Finish Colored Concrete	\$81.87	15J	4U
Cement Masons	Floor Grinding	\$81.87	15J	4U
Cement Masons	Floor Grinding/Polisher	\$81.36	15J	4U
Cement Masons	Green Concrete Saw, self-powered	\$81.87	15J	4U
Cement Masons	Grouting of all Plates	\$81.36	15J	4U
Cement Masons	Grouting of all Tilt-up Panels	\$81.36	15J	4U
Cement Masons	Guniting Nozzleman	\$81.87	15J	4U

Cement Masons	Hand Powered Grinder	\$81.87	15J	4U	
Cement Masons	Journey Level	\$81.36	15J	4U	
Cement Masons	Patching Concrete	\$81.36	15J	4U	
Cement Masons	Pneumatic Power Tools	\$81.87	15J	4U	
Cement Masons	Power Chipping & Brushing	\$81.87	15J	4U	
Cement Masons	Sand Blasting Architectural Finish	\$81.87	15J	4U	
Cement Masons	Screed & Rodding Machine	\$81.87	15J	4U	
Cement Masons	Spackling or Skim Coat Concrete	\$81.36	15J	4U	
Cement Masons	Troweling Machine Operator	\$81.87	15J	4U	
Cement Masons	Troweling Machine Operator on Colored Slabs	\$81.87	15J	4U	
Cement Masons	Tunnel Workers	\$81.87	15J	4U	
Divers & Tenders	Assistant Tender	\$79.35	15J	11T	9I
Divers & Tenders	Bell/Vehicle or Submersible	\$128.93	15J	11T	9I

Operator Not Under
Pressure

Divers & Tenders	Dive Master	\$98.29	15J	11T	9I
Divers & Tenders	Dive Supervisor	\$130.43	15J	11T	9I
Divers & Tenders	Diver Diving	\$128.93	15J	11T	9I
Divers & Tenders	Diver Tender	\$84.92	15J	11T	9I
Divers & Tenders	Divers Including Stand-By Diver	\$93.29	15J	11T	9I
Divers & Tenders	Manifold Operator	\$89.92	15J	11T	9I
Divers & Tenders	Manifold Operator Mixed Gas	\$90.92	15J	11T	9I
Divers & Tenders	ROV Operator	\$84.92	15J	11T	9I
Divers & Tenders	ROV Tender/Technician	\$79.35	15J	11T	9I
Dredge Workers	Assistant Engineer	\$72.54	5D	1N	8D
Dredge Workers	Assistant Mate (deckhand)	\$67.18	5D	1N	8D
Dredge Workers	Boatman (licensed)	\$72.54	5D	1N	8D
Dredge Workers	Fill Equipment Operator	\$69.88	5D	1N	8D
Dredge Workers	Fireman	\$71.05	5D	1N	8D

Dredge Workers	Leverman (hydraulic & Clamshell)	\$75.70	5D	1N	8D
Dredge Workers	Mate	\$72.54	5D	1N	8D
Dredge Workers	Oiler	\$67.18	5D	1N	8D
Dredge Workers	Tenderman (boatman Attending Dredge Plant)	\$71.05	5D	1N	8D
Dredge Workers	Welder	\$72.54	5D	1N	8D
Drywall Applicator	Journey Level	\$67.80	5A	1B	
Drywall Tapers	Journey Level	\$69.95	7E	1E	
Electrical Fixture Maintenance Workers	Journey Level	\$25.23		1	
Electricians - Inside	Journey Level	\$95.68	5A	1B	
Electricians - Inside	Journeyman, Welder	\$102.22	5A	1B	
Electricians - Motor Shop	Craftsman	\$17.13		1	
Electricians - Motor Shop	Journey Level	\$17.13		1	
Electricians - Powerline Construction	Cable Splicer	\$102.42	5A	4D	
Electricians - Powerline Construction	Certified Line Welder	\$93.99	5A	4D	

Electricians - Powerline Construction	Groundperson	\$59.30	5A	4D	
Electricians - Powerline Construction	Heavy Line Equipment Operator	\$93.99	5A	4D	
Electricians - Powerline Construction	Journey Level Lineperson	\$93.99	5A	4D	
Electricians - Powerline Construction	Line Equipment Operator	\$80.96	5A	4D	
Electricians - Powerline Construction	Meter Installer	\$59.30	5A	4D	8W
Electricians - Powerline Construction	Pole Sprayer	\$93.99	5A	4D	
Electricians - Powerline Construction	Powderperson	\$69.84	5A	4D	
Electronic Technicians	Journey Level	\$79.08	5A	1B	
Elevator Constructors	Mechanic	\$115.62	5N	4A	
Elevator Constructors	Mechanic In Charge	\$125.08	5N	4A	
Fabricated Precast Concrete Products	Journey Level	\$17.13		1	
Fabricated Precast Concrete Products	Journey Level - In- Factory Work Only	\$17.13		1	
Fence Erectors	Fence Erector	\$57.51	6Z	1M	8S
Fence Erectors	Fence Laborer	\$57.51	6Z	1M	8S

Flaggers	Journey Level	\$57.51	6Z	1M	8S
Glaziers	Journey Level	\$76.71	7I	11K	
Heat & Frost Insulators And Asbestos Workers	Mechanic	\$87.79	5N	1F	
Heating Equipment Mechanics	Journey Level	\$105.42	7F	1E	
Hod Carriers & Mason Tenders	Journey Level	\$65.23	5D	1B	
Industrial Power Vacuum Cleaner	Journey Level	\$17.13		1	
Inland Boatmen	Boat Operator	\$71.28	5B	1K	
Inland Boatmen	Cook	\$69.70	5B	1K	
Inland Boatmen	Deckhand	\$70.00	5B	1K	
Inland Boatmen	Deckhand Engineer	\$69.55	5B	1K	
Inland Boatmen	Launch Operator	\$71.23	5B	1K	
Inland Boatmen	Mate	\$89.12	5B	1K	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$17.13		1	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$17.13		1	

Inspection/Cleaning/Sealing					
Of Sewer & Water Systems	Head Operator	\$17.13		1	
By Remote Control					
Inspection/Cleaning/Sealing					
Of Sewer & Water Systems	Technician	\$17.13		1	
By Remote Control					
Inspection/Cleaning/Sealing					
Of Sewer & Water Systems	Tv Truck Operator	\$17.13		1	
By Remote Control					
Insulation Applicators	Journey Level	\$71.87	15J	11U	9L
Ironworkers	Journey Level	\$81.13	15K	11N	
Laborers	Anchor Machines	\$62.61	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	\$61.96	6Z	1M	
Laborers	Asbestos Removal	\$62.61	6Z	1M	
Laborers	Asphalt Plant Laborers	\$61.10	6Z	1M	
Laborers	Asphalt Raker	\$63.17	6Z	1M	

Laborers	Asphalt Spreaders	\$61.10	6Z	1M
Laborers	Ballast Regulators	\$62.61	6Z	1M
Laborers	Batch Weighman	\$61.10	6Z	1M
Laborers	Bit Grinder	\$62.61	6Z	1M
Laborers	Brick Pavers (Dry)	\$61.10	6Z	1M
Laborers	Broomers	\$61.10	6Z	1M
Laborers	Brush (Power Saw)	\$61.96	6Z	1M
Laborers	Brush Burners And Cutters	\$61.10	6Z	1M
Laborers	Burners	\$61.96	6Z	1M
Laborers	Car And Truck Loaders	\$61.10	6Z	1M
Laborers	Carpenter Tender	\$61.10	6Z	1M
Laborers	Change-house Man Or Dry Shack Man	\$61.10	6Z	1M
Laborers	Chipping Guns	\$61.96	6Z	1M
Laborers	Choker Setters	\$61.10	6Z	1M
Laborers	Choker Splicer	\$61.96	6Z	1M
Laborers	Chuck Tender	\$61.96	6Z	1M

Laborers	Clary Power Spreader And Similar Types	\$61.96	6Z	1M	
Laborers	Clean Up Laborers	\$61.10	6Z	1M	
Laborers	Clean-up Nozzleman-Green- Cutter (Concrete Rock, Etc.)	\$61.96	6Z	1M	
Laborers	Concrete Crew, Bull Gang	\$61.96	6Z	1M	
Laborers	Concrete Laborers	\$61.96	6Z	1M	
Laborers	Concrete Nozzlemen	\$63.17	6Z	1M	
Laborers	Concrete Power Buggyman	\$61.96	6Z	1M	
Laborers	Concrete Saw Operator	\$62.61	6Z	1M	
Laborers	Concrete Saw Operator (Walls)	\$63.17	6Z	1M	
Laborers	Confined Space / Hole Watch	\$57.51	6Z	1M	8S
Laborers	Crusher Feeder	\$61.96	6Z	1M	
Laborers	Curing, Concrete	\$61.10	6Z	1M	

Laborers	Demolition And Wrecking Charred Materials	\$61.96	6Z	1M	
Laborers	Demolition, Wrecking And Moving Laborers	\$61.10	6Z	1M	
Laborers	Drill Doctor	\$62.61	6Z	1M	
Laborers	Drill Operators, Air Tracks, Cat Drills, Wagon Drills, Rubber-mounted Drills And Other Similar Types, Including At Crusher Plants	\$63.17	6Z	1M	
Laborers	Dry Pack Machine	\$61.96	6Z	1M	
Laborers	Dry Stack Walls	\$61.10	6Z	1M	
Laborers	Dumpers, Road Oiling Crew	\$61.10	6Z	1M	
Laborers	Dumpmen (for Grading Crew)	\$61.10	6Z	1M	
Laborers	Elevator Feeders	\$61.10	6Z	1M	
Laborers	Erosion Control Specialist	\$61.10	6Z	1M	
Laborers	Final Clean-up	\$57.51	6Z	1M	8S

Laborers	Fine Graders	\$61.10	6Z	1M	
Laborers	Fire Watch	\$57.51	6Z	1M	8S
Laborers	Form Strippers (Not Swinging Stages)	\$61.10	6Z	1M	
Laborers	General Laborer	\$61.10	6Z	1M	
Laborers	Grade Checker	\$63.17	6Z	1M	
Laborers	Guard Rail, Median Rail, Reference Post Guide Post, Right-of-way Marker	\$61.10	6Z	1M	
Laborers	Gunite Nozzleman	\$63.17	6Z	1M	
Laborers	Gunite Nozzleman Tender	\$61.96	6Z	1M	
Laborers	Gunite or Sand Blasting Pot Tender	\$61.96	6Z	1M	
Laborers	Hand Placed Sand Blasting (Wet)	\$61.96	6Z	1M	
Laborers	Handlers Or Mixers Of All Materials Of An Irritating Nature (Including Cement & Lime)	\$61.96	6Z	1M	
Laborers	Hazardous Waste Worker	\$62.61	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	\$63.17	6Z	1M
Laborers	Laser Beam	\$63.17	6Z	1M
Laborers	Laser Beam (Pipe Laying) - Applicable When Employee Assigned To Move, Set Up, Align	\$63.17	6Z	1M
Laborers	Laser Beam (Tunnel) - Applicable When Employee Assigned To Move, Set Up, Align	\$63.17	6Z	1M
Laborers	Lead Abatement	\$62.61	6Z	1M
Laborers	Leverman Or Aggregate Spreaders (Flaherty And Similar Types)	\$61.10	6Z	1M

Laborers	Loading Spotters	\$61.10	6Z	1M	
Laborers	Loop Installation	\$63.17	6Z	1M	
Laborers	Manhole Building	\$62.61	6Z	1M	
Laborers	Material Yard Man	\$61.10	6Z	1M	
Laborers	Miner - Tunnel	\$63.17	6Z	1M	
Laborers	Mold Remediation Or Removal	\$62.61	6Z	1M	
Laborers	Nippers And Timbermen	\$62.61	6Z	1M	
Laborers	Nuclear Plant Workers - Lead Shield, Power Saw Operators (Bucking & Falling)	\$62.61	6Z	1M	
Laborers	Pilot Car	\$57.51	6Z	1M	8S
Laborers	Pipe Doping & Wrapping	\$61.96	6Z	1M	
Laborers	Pipe Layer All Types	\$63.17	6Z	1M	
Laborers	Pittsburgh Chipper Operator Or Similar Types	\$61.10	6Z	1M	
Laborers	Post Hold Digger, Air, Gas Or Electric	\$61.96	6Z	1M	

Laborers	Powderman - Tunnel	\$63.17	6Z	1M
Laborers	Powderman Tender	\$61.10	6Z	1M
Laborers	Power Jacks	\$62.61	6Z	1M
Laborers	Pressure Washer	\$61.96	6Z	1M
Laborers	Railroad Track Laborers	\$61.10	6Z	1M
Laborers	Ribbon Setter, Head	\$61.96	6Z	1M
Laborers	Ribbon Setters (Including Steel Forms)	\$61.10	6Z	1M
Laborers	Rigger/Signalperson	\$61.10	6Z	1M
Laborers	Rip Rap Man (Hand Packed)	\$61.10	6Z	1M
Laborers	Rip Rap Man (Head)	\$61.96	6Z	1M
Laborers	Road Pump Tender	\$61.10	6Z	1M
Laborers	Sand Blasting (Dry)	\$62.61	6Z	1M
Laborers	Scaffold Tender	\$61.10	6Z	1M
Laborers	Sewer Labor	\$61.10	6Z	1M
Laborers	Sewer Timbermen	\$62.61	6Z	1M

Laborers	Signalman	\$61.10	6Z	1M
Laborers	Skipman	\$61.10	6Z	1M
Laborers	Slopers	\$61.10	6Z	1M
Laborers	Spraymen	\$61.10	6Z	1M
Laborers	Stake Chaser	\$61.10	6Z	1M
Laborers	Stake-setter	\$61.96	6Z	1M
Laborers	Stockpiler	\$61.10	6Z	1M
Laborers	Tampers	\$61.96	6Z	1M
Laborers	Tie Back Shoring	\$61.96	6Z	1M
Laborers	Timber Faller And Bucker (Hand Labor)	\$61.10	6Z	1M
Laborers	Tool Operators - Jackhammer	\$61.96	6Z	1M
Laborers	Tool Operators - Paving Breakers	\$61.96	6Z	1M
Laborers	Toolroom Man (At Job Site)	\$61.10	6Z	1M
Laborers	Track Liners	\$62.61	6Z	1M
Laborers	Traffic Control Laborer	\$61.10	6Z	1M

Laborers	Traffic Control Supervisor	\$61.96	6Z	1M
Laborers	Traffic Control Supervisor	\$61.96	6Z	1M
Laborers	Tugger Operator	\$62.61	6Z	1M
Laborers	Tunnel Bullgang (Above Ground)	\$63.17	6Z	1M
Laborers	Tunnel Chuck Tenders	\$63.17	6Z	1M
Laborers	Tunnel Motorman - Dinky Locomotive	\$63.17	6Z	1M
Laborers	Tunnel Muckers, Brakemen	\$63.17	6Z	1M
Laborers	Tunnel Shield Operator	\$63.17	6Z	1M
Laborers	Vibrating Screed	\$63.17	6Z	1M
Laborers	Vibrators (All Types)	\$63.17	6Z	1M
Laborers	Water Blaster	\$62.61	6Z	1M
Laborers	Weight-Man- Crusher (Aggregate When Used)	\$61.10	6Z	1M
Laborers	Welder	\$62.61	6Z	1M

Laborers - Underground Sewer & Water	General Laborer and Topman	\$63.17	6Z	1M	
Landscape Construction	Landscape Operator	\$68.46	7B	4G	8U
Landscape Construction	Landscaping or Planting Laborer	\$49.42	6Z	1M	8T
Landscape Maintenance	Groundskeeper	\$17.13		1	
Lathers	Journey Level	\$71.80	5A	1B	
Marble Setters	Journey Level	\$77.59	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	\$84.40	5A	1B	
Modular Buildings	Journey Level	\$17.13		1	
Painters	Bridge Painter	\$63.95	7E	11L	
Painters	Commercial Painter	\$54.86	7E	11L	
Painters	Industrial Painter	\$57.06	7E	11L	9F
Pile Driver	Journey Level	\$73.07	15J	11U	9L
Plasterers	Journey Level	\$64.24	5H	1E	

Playground & Park Equipment Installers	Journey Level	\$17.13		1	
Plumbers & Pipefitters	Journey Level	\$95.37	5A	1G	
Power Equipment Operators	Air Filtration Equipment(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Asphalt Plant (any Type) (assistant Engineer Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Asphalt, Burner & Reconditioner (any Type), (asst To Engineer If Required)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Asphalt, Extrusion Machine Operator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Asphalt, Paver (screed Man Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Asphalt, Pugmill (any Type)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Asphalt, Raker(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Asphalt, Roller (any Asphalt Mix)(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler Under 8 Ft Lateral Cut(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler, 8 Ft Lateral Cut & Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Asphalt, Roto-mill, Pavement Profiler, Groundman(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Asphalt, Screed(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Asphalt, Truck Mounted Spreader, With Screed(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Auger Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Auto Grader Or "trimmer" (grade Checker Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Back Filling Machine (assistant To Engineer Required) (group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Backhoe, Robotic, Track And Wheel Type Up To And Including 20,000 Lbs. With Any Attachments(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Band Wagons (in Conjunction With Whell Excavator) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Bell Man (any Type Of Comunication) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Blade Any Type(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Blade, Robotic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Boatman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Boatman, Licensed(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Bobcat, Skid Steer (< 1yd)(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Boom Type Lifting Device, 5 Ton Capacity Or Less(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Boring Machine (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Broom Self-propelled, Construction Job Site(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Bulldozer Operator, 20,000 Lbs Or Less, Or 100 Horse Or Less(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Bulldozer Operator, Over 20,000 Lbs And More Than 100 Horse Up To 70,000 Lbs(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Bulldozer Over 70,000 Lbs Up To And Including 120,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators	Bulldozer Over 120,000 Lbs And Above(group 2)	\$74.18	7B	4G	8U

Power Equipment Operators	Bulldozer Robotic Equipment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Cable-plow (any Type)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Cableway 25 Ton & Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Cableway Up To 25 Ton(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Canal Trimmer (grade Oiler Required)(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Cat Drill (john Henry)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Cement Pump(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Challenger(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Chip Spreading Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Chippers (asst To Engineer If Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Churn Drill & Earth Boring Machine(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators	Combination Heavy Duty Mechanic-welder, When Required To Do Both(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Compactor Self Propelled Without Blade(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Compactor With Blade Self Propelled(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Compactor, Multi-engine(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Compactor, Robotic(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Compressor (any Power) 1,250 Cu Ft And Over Total Capacity(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Compressor Operator (any Power) Under 1,250 Cu Ft Total Capacity(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Concrete Batch Plant And/or Wet Mix (3 Units Or More) (group1)	\$76.09	7B	4G	8U

Power Equipment Operators	Concrete Batch Plant And/or Wet Mix Operator (1 & 2 Drums)(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Concrete Batch Plant Quality Control(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete Breaker (assistant To Engineer Required) (group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Concrete Canal Line, Assistant To Engineer Required(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Concrete Curing Machine (riding Type)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Concrete Diamond Head Profiler(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Concrete Paving Road Mixer(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Concrete Planer(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete Saw(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Concrete, Automatic Slip Form Paver (asst To Engineer Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Concrete, Combination Mixer & Compressor Operator, Gunite Work(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Curb Machine Mechanical Berm, Curb And/or Curb And Gutter(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Finishing Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Grout Plant(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Concrete, Grouting Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Joint Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Mixer Mobile(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Concrete, Mixer Single Drum Any Capacity(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Paving Machine 8' And Less (asst To Engineer Required) (group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Placing Boom(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Pump Truck(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Pump(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Pumpcrete Operator (any Type) (group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Reinforced Tank Banding Machine (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Concrete, Slip Form Pumps, Power Driven Hydraulic Lifting Device For	\$68.46	7B	4G	8U

	Concrete Forms(group 5)				
Power Equipment Operators	Concrete, Spreader(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Telebelt(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Concrete, Treated Base Roller Operator, Oiling(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Conveyor Operator Or Assistant(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Conveyored Material Hauler(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Crane, Bridge Locomotive, Gantry And Overhead(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Crane, Carry Deck(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Crane, Chicago Boom & Similar Types(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Crane, Floating (derrick Barge) 30	\$74.18	7B	4G	8U

	Ton But Less Than 150 Ton (asst To Engineer Required) (group 2)				
Power Equipment Operators	Crane, Floating 150 Ton But Less Than 250 Ton (asst To Engineer Required) (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Floating 250 Ton And Over (asst To Engineer And Deckhand Required) (group 1)	\$78.25	7B	4G	8U
Power Equipment Operators	Crane, Floating Clamshell 3 Cu. Yds. & Over (fireman Or Diesel Electric Engineer Required)(group 2)	\$74.18	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)	\$69.70	7B	4G	8U

Power Equipment Operators	Crane, Hydraulic 200 Ton Through 399 Ton (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 50 Ton Through 89 Ton With Luffing Or Tower Attachment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 50 Ton Through 89 Tons(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 90 Ton Through 199 Ton With Luffing Or Tower Attachment (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic 90 Ton Through 199 Ton(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Crane 200 Ton Through 300 Ton With Luffing Or Tower Attachment(group 1)	\$78.25	7B	4G	8U

Power Equipment Operators	Crane, Hydraulic Crane 400 Ton And Over(group 1)	\$80.41	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Crane Over 300 Ton Through 399 Ton With Luffer Or Tower Attachment(group 1)	\$80.41	7B	4G	8U
Power Equipment Operators	Crane, Hydraulic Under 50 Ton(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 200 Ton Through 299 Ton, With Over 200' Boom(group 1)	\$78.25	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 300 Ton Through 399 Ton(group 1)	\$78.25	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 300 Ton Through 399 Ton, With Over 200' Boom(group 1)	\$80.41	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 50 Ton Through 89 Ton With 150' Boom Or Less(group 3)	\$73.03	7B	4G	8U

Power Equipment Operators	Crane, Lattice Boom 50 Ton Through 89 Ton With Over 150' Boom	\$74.18	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom 90 Ton Through 199 Ton With 150' - 200' Boom(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom Under 50 Ton(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom, 200 Ton Through 299 Ton With 200' Boom Or Less (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Lattice Boom, 90 Ton Through 199 Ton With Over 200' Boom (group 1)	\$76.09	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)	\$73.03	7B	4G	8U

Power Equipment Operators	Crane, Tower Crane With 175' Tower Or Less And With Less Than 200' Jib(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Crane, Tower Crane With Over 175' Tower Or Over 200' Jib (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Tugger(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Crane, Whirley 90 Ton And Over (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Crane, Whirley Under 90 Ton(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Crusher Feederman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Crusher Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Crusher Plant(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Deckhand(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Derrick Operator Under 100 Ton (two	\$69.70	7B	4G	8U

	Operators Required When Swing Control Is Remote From Hoist)(group 4)				
Power Equipment Operators	Diesel-electric Engineer (plant Or Floating)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Directional Drill Over 20,000 Lbs Pullback(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Drill Assistant(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Drill Cat Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Drill Directional Type Less Than 20,000 Lbs Pullback(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Drill Doctor And/or (bit Grinder)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Drill Mud Mixer(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Drill Oscillator(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Drill, Directinal Locator(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Driller, Percussion, Diamond, Core, Cable, Rotary & Similar Type(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Elevating Grader Operator, Tractor Towed Requiring Operator Or Grader(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Elevating Loader Operator (any Type) (group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Elevator To Move Personnel Or Materials(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Excavator Over 80,000 Lbs Through 130,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators	Excavator Operator, Over 20,000 Lbs Through 80,000 Lbs(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Excavator Operator, Over 130,000	\$74.18	7B	4G	8U

Lbs(group 2)

Power Equipment Operators	Fireman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Floating, Crane 350 Ton And Over (asst To Engineer And Deckhand Required) (group 1)	\$80.41	7B	4G	8U
Power Equipment Operators	Fork Lift(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Fork Lift, Over 10 Ton Or Robotic(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Generator Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Grade Checker(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Grade Setter / Layout From Plans(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Grade-all(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Guardrail Machines, I.e. Punch, Auger, Etc.(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Guardrail Punch Oiler(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Hammer Operator (pile Driver)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Heavy Duty Repairman Assistant(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Heavy Equipment Robotics Operator Or Mechanic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Helicopter Hoist(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Helicopter Radioman (ground) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Helicopter When Used In Erecting Workcrane(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Hoist Operator, Single Drum(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Hoist, 2 Drums Or More(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Hoist, Stiff Leg, Guy Derrick Or Similar Type, 50 Ton And Over(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Hydraulic Backhoe Track Type Up To And Including 20,000 Lbs(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Hydraulic Backhoe Wheel Type (any Make)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Hydraulic Pipe Press(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Hydro Axe (loader Mounted Or Similar Type)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Hydrographic Seeder Machine Straw, Pulp Or Seed(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Hydrostatic Pump Operator(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Internal Full Slab Vibrator Operator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Jack Operator, Elevating Barges, Barge Operator, Self-unloading (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Laser Screed(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Lattice Boom Crane 400 Ton And Over(group 1)	\$80.41	7B	4G	8U
Power Equipment Operators	Lime Spreader, Construction Job Site(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Loaders Operator, Front End & Overhead, 25,000 Lbs And Less Than 60,000 Lbs(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Loaders, 120,000 Lbs And Above(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Loaders, 60,000 Lbs And Less Than 120,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators	Loaders, Rubber-tire Type, Less Than 25,000 Lbs(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Log Skidders(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Master Environmental Maintenance Mechanic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Material Handler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Mechanic, Heavy Duty(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Mixer Box (c.t.b., Dry Batch, Etc.)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Parts Man (tool Room)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Pavement Grinder And Or Grooving Machine (riding Type)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Pile Driver Operator (not Crane Type) (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Pipe Bending, Cleaning, Doping And Wrapping Machines(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Pipe, Cast In Place Pipe Laying Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Plant Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Pump (any Power) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Pump Operator, More Than 5 Pumps (any Size)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Ballast Compactor, Regulator Or Tamper Machines(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Ballast Tamper Multi- purpose(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Rail, Brakeman, Switchman, Motorman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Rail, Car Mover(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Clip Applicator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, High Rail Self Loader Truck(group	\$68.46	7B	4G	8U

	5)				
Power Equipment Operators	Rail, Lo-railer(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Locomotive, 40 Ton And Over (asst To Engineer Required)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Shuttle Car Operator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Speedswing(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Rail, Switchman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Rail, Tamping Machine, Mechanical, Self-propelled(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Rail, Track Liner(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Remote Controlled Earth Moving Equipment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Rigger(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Roller Grading (not Asphalt)(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Rubber-tired Dozers And Pushers(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Scraper All Types(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Service Oiler (greaser)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Shovel, Dragline, Clamshell, 5 Yards And Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Side-boom(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Skip Loader, Drag Box(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Stump Grinder (loader Mounted Or Similar Type)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Surface Heater And Planer(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Sweeper Self-propelled, Construction Job Site(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Tar Pot Fireman (power Agitated) Or Not(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Tractor Rubber-tired, 50 Hp Flywheel & Under(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Tractor, Rubber-tired Over 50 Hp Flywheel(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Trenching Machine 3 Ft Depth And Deeper (asst To The Operator If Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Trenching Machine Operator, Maximum Digging Capacity 3 Ft Depth(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck Crane Oiler-driver(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Truck, All Terrain Or Track Type(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck, Barrel Type(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck, Boom(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators	Truck, Off-road Trucks, Articulated And Non-articulated Trucks(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck, Offroad Trucks, Articulated And Non-articulated Trucks(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck, Vacuum(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Truck, Water(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Tub Grinder(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Tunnel Boring Machine Mechanic(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Tunnel Boring Machine(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Tunnel Segment Plant(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Tunnel Separation Plant(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Tunnel Shaef Loader(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators	Tunnel, Locomotive, Dinkey(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Tunnel, Micro Boring Tunnel Machine(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators	Tunnel, Mucking Machine(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Tunnel, Power Jumbo Setting Slip Forms, Etc.(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators	Tunnel, Shield Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Ultra High Pressure Water Jet Cutting Tool System Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Underwater Equipment, Remote Or Otherwise(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Vacuum Blasting Machine Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Water Pulls, Water Wagon(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Welder's Assistant(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators	Welder; Heavy Duty, Certified Or Not(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators	Welding Machine(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators	Wheel Excavation Any Size (grade Oiler Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators	Wire Mat Or Brooming Machine(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Air Filtration Equipment(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt Plant (any Type) (assistant Engineer Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Burner & Reconditioner (any Type), (asst To Engineer If Required)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Extrusion Machine Operator(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Asphalt, Paver (screed Man Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Pugmill (any Type)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Raker(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roller (any Asphalt Mix)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler Under 8 Ft Lateral Cut(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler, 8 Ft Lateral Cut & Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Roto-mill, Pavement Profiler, Groundman(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Asphalt, Screed(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Asphalt, Truck Mounted Spreader, With Screed(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Auger Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Auto Grader Or "trimmer" (grade Checker Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Back Filling Machine (assistant To Engineer Required) (group 4)	\$69.70	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)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Band Wagons (in Conjunction With Whell Excavator) (group 2)	\$74.18	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Bell Man (any Type Of Comunication) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Blade Any Type(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Blade, Robotic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boatman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boatman, Licensed(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bobcat, Skid Steer (< 1yd)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boom Type Lifting Device, 5 Ton Capacity Or Less(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Boring Machine (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Broom Self- propelled, Construction Job Site(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Operator, 20,000 Lbs Or Less, Or 100 Horse Or Less(group 5)	\$68.46	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)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Over 70,000 Lbs Up To And Including 120,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Over 120,000 Lbs And Above(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Bulldozer Robotic Equipment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cable-plow (any Type)(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Cableway 25 Ton & Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cableway Up To 25 Ton(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Canal Trimmer (grade Oiler Required)(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cat Drill (john Henry)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Cement Pump(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Challenger(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Chip Spreading Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Chippers (asst To Engineer If Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Churn Drill & Earth Boring Machine(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Combination Heavy Duty Mechanic- welder, When Required To Do Both(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor Self Propelled Without Blade(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor With Blade Self Propelled(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor, Multi- engine(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compactor, Robotic(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compressor (any Power) 1,250 Cu Ft And Over Total Capacity(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Compressor Operator (any Power) Under 1,250 Cu Ft Total Capacity(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground	Concrete Batch Plant And/or Wet	\$76.09	7B	4G	8U

Sewer & Water	Mix (3 Units Or More) (group1)				
Power Equipment Operators- Underground Sewer & Water	Concrete Batch Plant And/or Wet Mix Operator (1 & 2 Drums)(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Batch Plant Quality Control(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Breaker (assistant To Engineer Required) (group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Canal Line, Assistant To Engineer Required(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Curing Machine (riding Type)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Diamond Head Profiler(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete Paving Road Mixer(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground	Concrete Planer(group 5)	\$68.46	7B	4G	8U

Sewer & Water

Power Equipment Operators- Underground Sewer & Water	Concrete Saw(group 6)	\$65.24	7B	4G	8U
--	--------------------------	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Automatic Slip Form Paver (asst To Engineer Required) (group 2)	\$74.18	7B	4G	8U
--	---	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Combination Mixer & Compressor Operator, Gunite Work(group 5)	\$68.46	7B	4G	8U
--	---	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Curb Machine Mechanical Berm, Curb And/or Curb And Gutter(group 5)	\$68.46	7B	4G	8U
--	--	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Finishing Machine(group 5)	\$68.46	7B	4G	8U
--	---	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Grout Plant(group 4)	\$69.70	7B	4G	8U
--	-----------------------------------	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Grouting Machine(group 5)	\$68.46	7B	4G	8U
--	--	---------	-----------	-----------	-----------

Power Equipment Operators- Underground Sewer & Water	Concrete, Joint Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Mixer Mobile(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Mixer Single Drum Any Capacity(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Paving Machine 8' And Less (asst To Engineer Required) (group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Placing Boom(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Pump Truck(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Pump(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Concrete, Pumpcrete Operator (any Type) (group 5)	\$68.46	7B	4G	8U

Power Equipment	Concrete,				
Operators- Underground	Reinforced Tank				
Sewer & Water	Banding Machine	\$69.70	7B	4G	8U
	(asst To Engineer				
	Required)(group 4)				

Power Equipment	Concrete, Slip Form				
Operators- Underground	Pumps, Power				
Sewer & Water	Driven Hydraulic	\$68.46	7B	4G	8U
	Lifting Device For				
	Concrete				
	Forms(group 5)				

Power Equipment	Concrete,				
Operators- Underground	Spreader(group 5)	\$68.46	7B	4G	8U
Sewer & Water					

Power Equipment	Concrete,				
Operators- Underground	Telebelt(group 5)	\$68.46	7B	4G	8U
Sewer & Water					

Power Equipment	Concrete, Treated				
Operators- Underground	Base Roller	\$68.46	7B	4G	8U
Sewer & Water	Operator,				
	Oiling(group 5)				

Power Equipment	Conveyor Operator				
Operators- Underground	Or Assistant(group	\$65.24	7B	4G	8U
Sewer & Water	6)				

Power Equipment	Conveyored				
Operators- Underground	Material	\$68.46	7B	4G	8U
Sewer & Water	Hauler(group 5)				

Power Equipment	Crane, Bridge				
Operators- Underground	Locomotive, Gantry	\$69.70	7B	4G	8U
Sewer & Water	And Overhead(group 4)				

Power Equipment	Crane, Carry				
Operators- Underground	Deck(group 4)	\$69.70	7B	4G	8U
Sewer & Water					

Power Equipment	Crane, Chicago				
Operators- Underground	Boom & Similar	\$69.70	7B	4G	8U
Sewer & Water	Types(group 4)				

Power Equipment	Crane, Floating				
Operators- Underground	(derrick Barge) 30				
Sewer & Water	Ton But Less Than	\$74.18	7B	4G	8U
	150 Ton (asst To				
	Engineer Required)				
	(group 2)				

Power Equipment	Crane, Floating 150				
Operators- Underground	Ton But Less Than				
Sewer & Water	250 Ton (asst To	\$76.09	7B	4G	8U
	Engineer Required)				
	(group 1)				

Power Equipment	Crane, Floating 250				
Operators- Underground	Ton And Over (asst				
Sewer & Water	To Engineer And	\$78.25	7B	4G	8U
	Deckhand Required)				
	(group 1)				

Power Equipment Operators- Underground Sewer & Water	Crane, Floating Clamshell 3 Cu. Yds. & Over (fireman Or Diesel Electric Engineer Required(group 2)	\$74.18	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)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 200 Ton Through 399 Ton (group 1)	\$76.09	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 50 Ton Through 89 Ton With Luffing Or Tower Attachment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 50 Ton Through 89 Tons(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 90 Ton Through 199 Ton With Luffing Or	\$76.09	7B	4G	8U

Tower Attachment (group 1)					
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic 90 Ton Through 199 Ton(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Crane 200 Ton Through 300 Ton With Luffing Or Tower Attachment(group 1)	\$78.25	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Crane 400 Ton And Over(group 1)	\$80.41	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)	\$80.41	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Hydraulic Under 50 Ton(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crane, Lattice Boom 200 Ton Through 299 Ton, With Over 200' Boom(group 1)	\$78.25	7B	4G	8U

Power Equipment	Crane, Lattice Boom				
Operators- Underground	300 Ton Through	\$78.25	7B	4G	8U
Sewer & Water	399 Ton(group 1)				
Power Equipment	Crane, Lattice Boom				
Operators- Underground	300 Ton Through	\$80.41	7B	4G	8U
Sewer & Water	399 Ton, With Over 200' Boom(group 1)				
Power Equipment	Crane, Lattice Boom				
Operators- Underground	50 Ton Through 89	\$73.03	7B	4G	8U
Sewer & Water	Ton With 150' Boom Or Less(group 3)				
Power Equipment	Crane, Lattice Boom				
Operators- Underground	50 Ton Through 89	\$74.18	7B	4G	8U
Sewer & Water	Ton With Over 150' Boom				
Power Equipment	Crane, Lattice Boom				
Operators- Underground	90 Ton Through 199	\$74.18	7B	4G	8U
Sewer & Water	Ton With 150' - 200' Boom(group 2)				
Power Equipment	Crane, Lattice Boom				
Operators- Underground	Under 50 Ton(group	\$69.70	7B	4G	8U
Sewer & Water	4)				
Power Equipment	Crane, Lattice				
Operators- Underground	Boom, 200 Ton	\$76.09	7B	4G	8U
Sewer & Water	Through 299 Ton With 200' Boom Or Less (group 1)				

Power Equipment	Crane, Lattice Boom, 90 Ton				
Operators- Underground Sewer & Water	Through 199 Ton With Over 200' Boom (group 1)	\$76.09	7B	4G	8U
Power Equipment	Crane, Shovel, Dragline Or Clamshell 3 Cu. Yds.				
Operators- Underground Sewer & Water	But Less Than 5 Cu. Yds. (asst To Engineer Required) (group 3)	\$73.03	7B	4G	8U
Power Equipment	Crane, Tower Crane With 175' Tower Or				
Operators- Underground Sewer & Water	Less And With Less Than 200' Jib(group 2)	\$74.18	7B	4G	8U
Power Equipment	Crane, Tower Crane With Over 175'				
Operators- Underground Sewer & Water	Tower Or Over 200' Jib (group 1)	\$76.09	7B	4G	8U
Power Equipment	Crane,				
Operators- Underground Sewer & Water	Tugger(group 6)	\$65.24	7B	4G	8U
Power Equipment	Crane, Whirley 90				
Operators- Underground Sewer & Water	Ton And Over (group 1)	\$76.09	7B	4G	8U
Power Equipment	Crane, Whirley	\$74.18	7B	4G	8U
Operators- Underground	Under 90 Ton(group				

Sewer & Water	2)				
Power Equipment Operators- Underground Sewer & Water	Crusher Feederman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crusher Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Crusher Plant(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Deckhand(group 6)	\$65.24	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)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Diesel-electric Engineer (plant Or Floating)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Directional Drill Over 20,000 Lbs Pullback(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground	Drill Assistant(group 6)	\$65.24	7B	4G	8U

Sewer & Water

Power Equipment Operators- Underground Sewer & Water	Drill Cat Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Directional Type Less Than 20,000 Lbs Pullback(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Doctor And/or (bit Grinder)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Mud Mixer(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill Oscillator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Drill, Directinal Locator(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Driller, Percussion, Diamond, Core, Cable, Rotary & Similar Type(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Elevating Grader Operator, Tractor Towed Requiring	\$68.46	7B	4G	8U

	Operator Or Grader(group 5)				
Power Equipment Operators- Underground Sewer & Water	Elevating Loader Operator (any Type) (group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Elevator To Move Personnel Or Materials(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Over 80,000 Lbs Through 130,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Operator, Over 20,000 Lbs Through 80,000 Lbs(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Excavator Operator, Over 130,000 Lbs(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Fireman(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Floating, Crane 350 Ton And Over (asst To Engineer And Deckhand Required) (group 1)	\$80.41	7B	4G	8U

Power Equipment					
Operators- Underground	Fork Lift(group 6)	\$65.24	7B	4G	8U
Sewer & Water					
Power Equipment	Fork Lift, Over 10				
Operators- Underground	Ton Or	\$68.46	7B	4G	8U
Sewer & Water	Robotic(group 5)				
Power Equipment	Generator				
Operators- Underground	Operator(group 4)	\$69.70	7B	4G	8U
Sewer & Water					
Power Equipment	Grade				
Operators- Underground	Checker(group 6)	\$65.24	7B	4G	8U
Sewer & Water					
Power Equipment	Grade Setter /				
Operators- Underground	Layout From	\$69.70	7B	4G	8U
Sewer & Water	Plans(group 4)				
Power Equipment	Grade-all(group 4)				
Operators- Underground		\$69.70	7B	4G	8U
Sewer & Water					
Power Equipment	Guardrail Machines,				
Operators- Underground	I.e. Punch, Auger,	\$69.70	7B	4G	8U
Sewer & Water	Etc.(group 4)				
Power Equipment	Guardrail Punch				
Operators- Underground	Oiler(group 6)	\$65.24	7B	4G	8U
Sewer & Water					
Power Equipment	Hammer Operator				
Operators- Underground	(pile Driver)(group 4)	\$69.70	7B	4G	8U
Sewer & Water					

Power Equipment Operators- Underground Sewer & Water	Heavy Duty Repairman Assistant(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Heavy Equipment Robotics Operator Or Mechanic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter Hoist(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter Radioman (ground) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Helicopter When Used In Erecting Workcrane(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist Operator, Single Drum(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist, 2 Drums Or More(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hoist, Stiff Leg, Guy Derrick Or Similar Type, 50 Ton And Over(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground	Hydraulic Backhoe Track Type Up To	\$68.46	7B	4G	8U

Sewer & Water	And Including 20,000 Lbs(group 5)				
Power Equipment Operators- Underground Sewer & Water	Hydraulic Backhoe Wheel Type (any Make)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydraulic Pipe Press(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydro Axe (loader Mounted Or Similar Type)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydrographic Seeder Machine Straw, Pulp Or Seed(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Hydrostatic Pump Operator(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Internal Full Slab Vibrator Operator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Jack Operator, Elevating Barges, Barge Operator, Self-unloading (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Laser Screed(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Lattice Boom Crane 400 Ton And Over(group 1)	\$80.41	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Lime Spreader, Construction Job Site(group 5)	\$68.46	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)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders, 120,000 Lbs And Above(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders, 60,000 Lbs And Less Than 120,000 Lbs(group 3)	\$73.03	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Loaders, Rubber- tire Type, Less Than 25,000 Lbs(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground	Log Skidders(group 4)	\$69.70	7B	4G	8U

Sewer & Water

Power Equipment Operators- Underground Sewer & Water	Master Environmental Maintenance Mechanic(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Material Handler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Mechanic, Heavy Duty(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Mixer Box (c.t.b., Dry Batch, Etc.)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Parts Man (tool Room)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pavement Grinder And Or Grooving Machine (riding Type)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pile Driver Operator (not Crane Type) (asst To Engineer Required)(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Pipe Bending, Cleaning, Doping And Wrapping Machines(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pipe, Cast In Place Pipe Laying Machine(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Plant Oiler(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pump (any Power) (group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Pump Operator, More Than 5 Pumps (any Size)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Ballast Compactor, Regulator Or Tamper Machines(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Ballast Tamper Multi- purpose(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Brakeman, Switchman, Motorman(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Rail, Car Mover(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Clip Applicator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, High Rail Self Loader Truck(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Lo-railer(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Locomotive, 40 Ton And Over (asst To Engineer Required)(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Shuttle Car Operator(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Speedswing(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Switchman(group 6)	\$65.24	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Rail, Tamping Machine, Mechanical, Self- propelled(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rail, Track Liner(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Remote Controlled Earth Moving Equipment(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rigger(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Roller Grading (not Asphalt)(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Rubber-tired Dozers And Pushers(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Scraper All Types(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Service Oiler (greaser)(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Shovel, Dragline, Clamshell, 5 Yards And Over(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Side-boom(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Skip Loader, Drag Box(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Stump Grinder (loader Mounted Or Similar Type)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Surface Heater And Planer(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Sweeper Self- propelled, Construction Job Site(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tar Pot Fireman (power Agitated) Or Not(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tractor Rubber- tired, 50 Hp Flywheel & Under(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Tractor, Rubber- tired Over 50 Hp Flywheel(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Trenching Machine 3 Ft Depth And Deeper (asst To The Operator If Required)(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Trenching Machine Operator, Maximum Digging Capacity 3 Ft Depth(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler- driver(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, All Terrain Or Track Type(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Barrel Type(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Boom(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Off-road Trucks, Articulated And Non-articulated Trucks(group 5)	\$68.46	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Truck, Offroad Trucks, Articulated And Non-articulated Trucks(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Vacuum(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Truck, Water(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tub Grinder(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Boring Machine Mechanic(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Boring Machine(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Segment Plant(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel Separation Plant(group 4)	\$69.70	7B	4G	8U

Power Equipment Operators- Underground Sewer & Water	Tunnel Shaef Loader(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Locomotive, Dinkey(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Micro Boring Tunnel Machine(group 1)	\$76.09	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Mucking Machine(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Power Jumbo Setting Slip Forms, Etc.(group 5)	\$68.46	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Tunnel, Shield Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Ultra High Pressure Water Jet Cutting Tool System Operator(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Underwater Equipment, Remote Or Otherwise(group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground	Vacuum Blasting Machine	\$69.70	7B	4G	8U

Sewer & Water	Operator(group 4)				
Power Equipment Operators- Underground Sewer & Water	Water Pulls, Water Wagon(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welder's Assistant(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welder; Heavy Duty, Certified Or Not(group 4)	\$69.70	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Welding Machine(group 6)	\$65.24	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Wheel Excavation Any Size (grade Oiler Required) (group 2)	\$74.18	7B	4G	8U
Power Equipment Operators- Underground Sewer & Water	Wire Mat Or Brooming Machine(group 6)	\$65.24	7B	4G	8U
Power Line Clearance Tree Trimmers	Journey Level In Charge	\$65.20	5A	4A	
Power Line Clearance Tree Trimmers	Spray Person	\$61.74	5A	4A	
Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$65.00	5A	4A	

Power Line Clearance Tree Trimmers	Tree Trimmer	\$58.29	5A	4A
Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$43.05	5A	4A
Refrigeration & Air Conditioning Mechanics	Journey Level	\$100.71	5A	1G
Residential Brick Mason	Journey Level	\$23.02		1
Residential Carpenters	Journey Level	\$36.07		1
Residential Cement Masons	Journey Level	\$17.13		1
Residential Drywall Applicators	Journey Level	\$31.97		1
Residential Drywall Tapers	Journey Level	\$21.22		1
Residential Electricians	Journey Level	\$30.53		1
Residential Glaziers	Journey Level	\$49.60		1
Residential Insulation Applicators	Journey Level	\$26.30		1
Residential Laborers	Journey Level	\$49.42	6Z	1M 8T
Residential Marble Setters	Journey Level	\$23.02		1
Residential Painters	Journey Level	\$54.86	7E	11L
Residential Plumbers & Pipefitters	Journey Level	\$51.05		1

Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$105.42	7F	1E
Residential Sheet Metal Workers	Journey Level	\$105.42	7F	1E
Residential Soft Floor Layers	Journey Level	\$64.08	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	\$17.13		1
Residential Terrazzo/Tile Finishers	Journey Level	\$36.64		1
Residential Tile Setters	Journey Level	\$17.13		1
Roofers	Journey Level	\$67.45	5A	3H
Roofers	Using Irritable Bituminous Materials	\$70.45	5A	3H
Sheet Metal Workers	Journey Level (Field or Shop)	\$105.42	7F	1E
Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	\$87.79	5N	1F

Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	\$87.79	5N	1F	
Sign Makers & Installers (Electrical)	Journey Level	\$17.13		1	
Sign Makers & Installers (Non-Electrical)	Journey Level	\$17.13		1	
Soft Floor Layers	Journey Level	\$63.29	15J	4C	
Solar Controls For Windows	Journey Level	\$17.13		1	
Sprinkler Fitters (Fire Protection)	Journey Level	\$79.22	7J	1R	
Stage Rigging Mechanics (Non Structural)	Journey Level	\$17.13		1	
Stone Masons	Journey Level	\$76.59	5A	1B	
Street And Parking Lot Sweeper Workers	Journey Level	\$17.13		1	
Surveyors	Chain Person	\$65.24	7B	1B	9H
Surveyors	Instrument Person	\$68.46	7B	1B	9H
Surveyors	Party Chief	\$74.18	7B	1B	9H
Telecommunication Technicians	Journey Level	\$79.08	5A	1B	
Telephone Line Construction - Outside	Cable Splicer	\$42.62	5A	2B	

Telephone Line Construction - Outside	Hole Digger/Ground Person	\$27.97	5A	2B
Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$35.60	5A	2B
Telephone Line Construction - Outside	Telephone Lineperson	\$40.28	5A	2B
Terrazzo Workers	Journey Level	\$67.27	5A	1B
Tile Setters	Journey Level	\$67.27	5A	1B
Tile, Marble & Terrazzo Finishers	Finishers	\$50.25	5A	1B
Traffic Control Stripers	Journey Level	\$91.39	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	\$17.13		1
Well Drillers & Irrigation Pump Installers	Oiler	\$17.13		1
Well Drillers & Irrigation Pump Installers	Well Driller	\$17.97		1

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 Contact Plans for item description and shop drawings.	X	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting.		X
22. Vault Risers - For use with Valve Vaults and Utilities 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 Dual Faced) 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 luminum 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, standard		X
Steel pipe for concrete pile casings, custom	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.]

Overtime Codes

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

- 1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
 - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
 - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
 - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
 - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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.

Benefit Code Key – Effective 8/31/2025 thru 3/3/2026

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.

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.

Benefit Code Key – Effective 8/31/2025 thru 3/3/2026

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 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.

- 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 8/31/2025 thru 3/3/2026

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.

CONTRACT PLANS

APPENDICES
(January 2, 2012)

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 – Soils Data

Appendix B – Topographic Survey and Record of Survey

APPENDIX A

Soils Data

NOTES:

- 1) Sieve analyses were performed in general accordance with ASTM D6913, sieve with hydrometer analyses were performed in general accordance with ASTM D422, and amount finer than #200 sieve analyses were performed in general accordance with ASTM D1140 unless otherwise noted in the report.
- 2) Group Name and Group Symbol are in accordance with ASTM D2488 and are refined in accordance with ASTM D2487 where appropriate laboratory tests are performed.

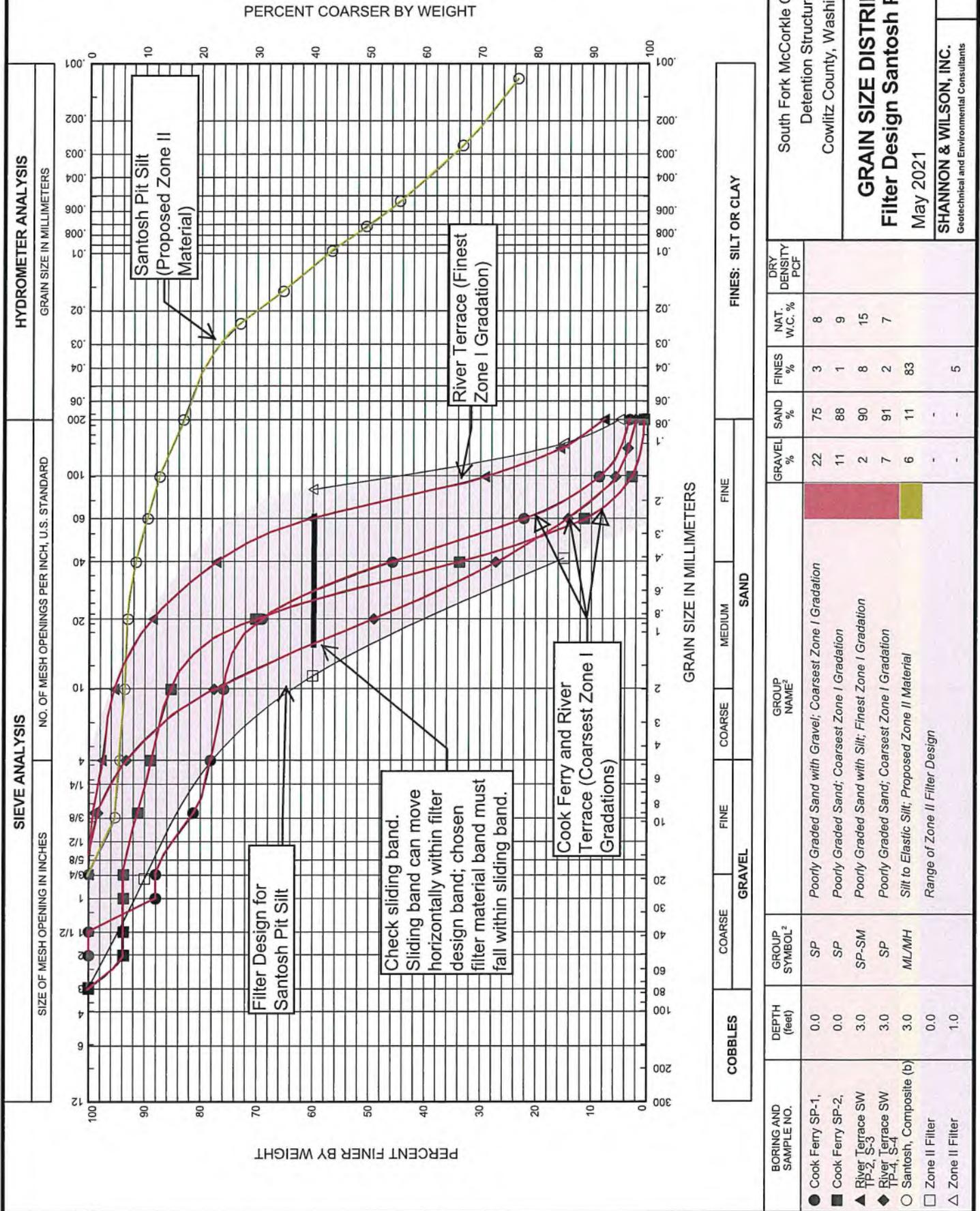


FIG. 9



DEPARTMENT OF PUBLIC WORKS

1600 - 13th Avenue South
 Kelso, WA 98626
 TEL (360) 577-3030
 FAX (360) 636-0845

www.co.cowlitz.wa.us/publicworks/

PASSED

Board of County Commissioners
 Arne Mortensen District 1
 Dennis P. Weber District 2
 Richard R. Dahl District 3

SIEVE ANALYSIS

Project: Camelot Loss

Material Type: Dredge Spoils

Specs: _____

Contract No: _____

Sample No: 1 (PIT #2)

Contractor: _____

Date Sampled: 5/8/23 By: Rich White

Date Tested: 5/9/23 By: Rich White

Material Source (Supplier, Pit, etc): Cook Ferry Road Pit

Material Utilization (Top Course, Drain Rock, etc.): Septic Drain Field

Weight of Sample + Container: 5440.9

Weight of Container: 350.4

Weight of Sample: 5090.5

U.S. Sieve No.	Wt. of Sample + Sieve	Wt. of Sieve	Weight Ret.	Cum. Wt. Passing	Percent Ret.	Percent Passing	Spec. Percent Passing
1"	0	0		5025.9		100%	100
3/4"	616.8	589.1	27.7	5048.2		99%	
3/8"	777.6	660.4	117.2	4931.0		97.1%	
# 4	806.7	691.4	115.3	4815.7		95%	
# 10	847.0	656.7	190.3	4625.4		91%	
# 20	1495.1	668.4	826.7	3798.7		75%	
# 40	2813.8	615.0	2198.8	1599.9		31.5%	
# 60	1607.3	627.4	979.9	620.0		12%	
# 100	795.8	355.3	430.5	189.5		3.7%	
# 200	636.5	422.7	169.8	19.7		0.3%	
PAN	377.4	357.7	19.7				

S.E. spec: 50% min.

Remarks:



DEPARTMENT OF PUBLIC WORKS

1600 - 13th Avenue South
 Kelso, WA 98626
 TEL (360) 577-3030
 FAX (360) 636-0845

www.co.cowlitz.wa.us/publicworks/

PASSED

Board of County Commissioners
 Arne Mortensen District 1
 Dennis P. Weber District 2
 Richard R. Dahl District 3

SIEVE ANALYSIS

Project: Camelot LOSS Material Type: Dredge Spoils
 Contract No: _____ Specs: _____
 Contractor: _____ Sample No: 1 (PIT #1)
 Date Sampled: 5/8/23 By: Rich White
 Date Tested: 5/9/23 By: Rich White
 Material Source (Supplier, Pit, etc): Cook Ferry Road Pit

Material Utilization (Top Course, Drain Rock, etc.): Septic Drain Field.

Weight of Sample + Container: 5643.7

Weight of Container: 350.1

Weight of Sample: 5293.6

U.S. Sieve No.	Wt. of Sample + Sieve	Wt. of Sieve	Weight Ret.	Cum. Wt. Passing	Percent Ret.	Percent Passing	Spec. Percent Passing
1"	0	0		5283.6		100%	100
3/4"	622.9	589.0	33.9	5249.7		99%	
3/8"	823.7	660.3	163.4	5086.3		96%	
# 4	840.7	691.2	149.5	4936.8		93%	
# 10	920.4	656.8	263.6	4673.2		88%	
# 20	1767.7	669.2	1099.5	3573.7		68%	
# 40	2854.8	614.9	2239.9	1333.8		25%	
# 60	1615.4	627.2	988.2	345.6		6.5%	
# 100	540.3	355.0	185.3	160.3		3%	
# 200	603.7	452.5	137.2	23.1		0.4%	
PAN	350.8	357.7	23.1				

S.E. spec: 50% min.

Remarks: _____

ON-SITE SEWAGE TREATMENT SOIL & SITE EVALUATION DATA (Page 1)

Concurrency Evaluator: Nathan Ek Jurisdiction: DOH SR #: _____

APPLICANT: Cowlitz County PUD PREVIOUS EVALS: Y/N ID #: _____

Address of site: 386 Camelot Drive, Castle Rock Lot No. _____ Tax ID #: WJ1520055

SOIL PROFILES:

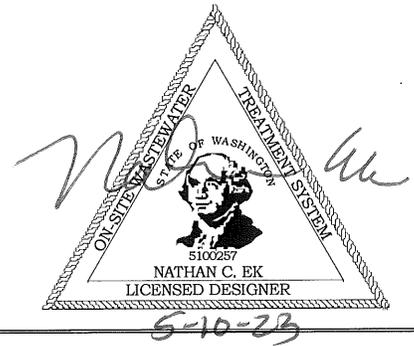
TEST HOLE	DEPTH	Texture	Color	Motts	Roots	STRUCTURE & Other Comments	Soil Type	App Rate	
#1 (mid) Slope 0 %	0-10"	LCS	Gray	No	M-F	SG	2	1.0	
	10-60"	CS	Gray	No	No	SG, 10-12% gravel content	2	1.0	
						Bottom of hole @ 60" (typ)			
#2 (S) Slope 0 %	0-11"	LCS	Gray	No	M-F	SG	2	1.0	
	11-60"	CS	Gray	No	No	SG, 10-12% gravel content	2	1.0	
#3 (W) Slope 0 %	0-8"	LCS	Gray	No	M-F	SG	2	1.0	
	8-78"+	CS	Gray	No	No	SG, 10-12% gravel content	2	1.0	
#4 (N) Slope 0 %	0-10"	LCS	Gray	No	M-F	SG	2	1.0	
	10-72"	CS	Gray	No	No	SG, 10-12% gravel content	2	1.0	
#									

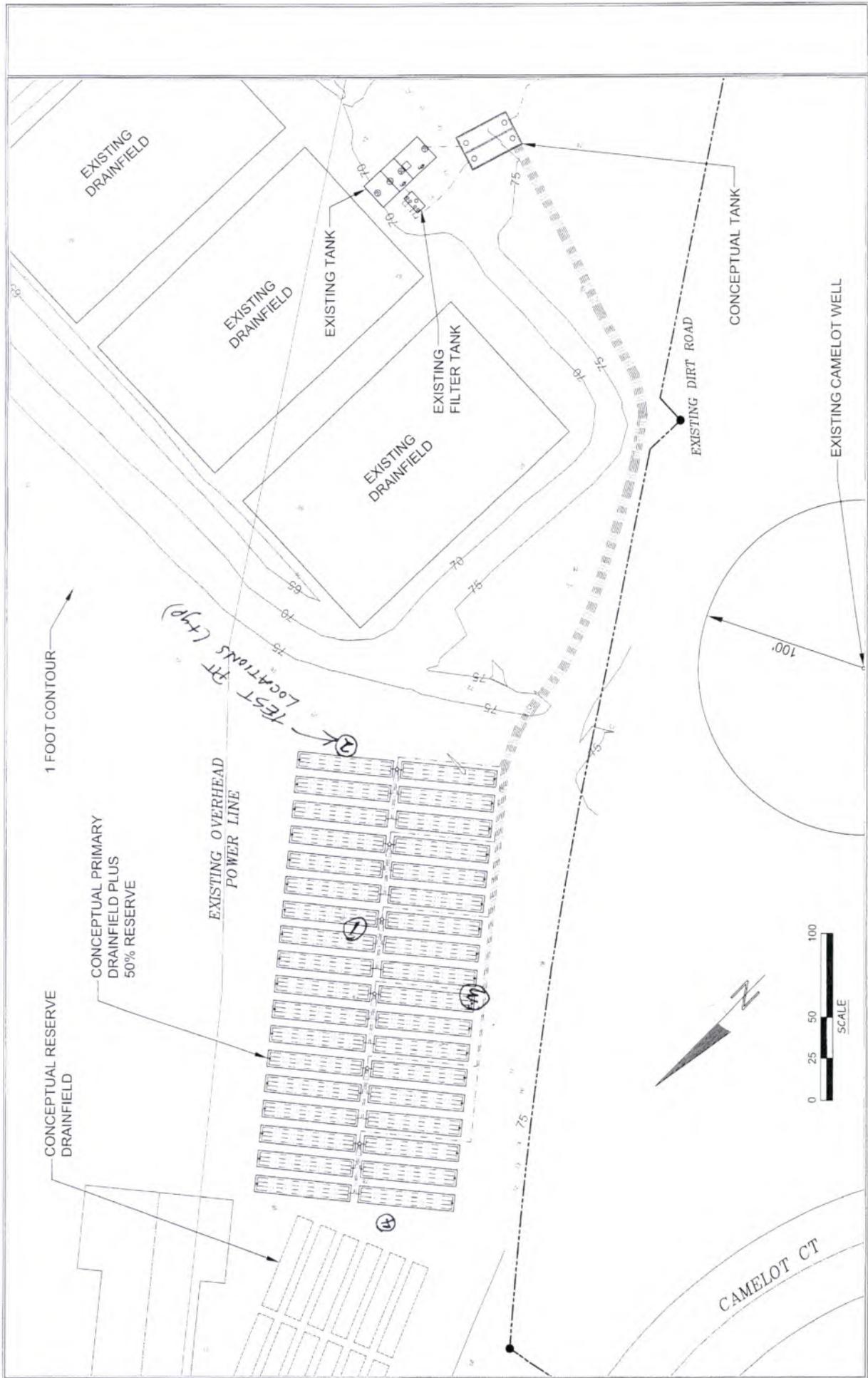
Restrictive layer (Range): None Soil Type: Course Sand with gravels

Weather Conditions: Clear, sunny, recent rainfall

Surface Vegetation: Scotch Broom (invasive)

ADDITIONAL COMMENTS: Soil meets minimum standards for use of pressure distribution system. As proposed.





APPENDIX B

Topographic Survey and Record of Survey

**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