

KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
COUNTY ROAD PROJECT NO. 3699

PERRY – STONE TO SHERIDAN
NON-MOTORIZED IMPROVEMENTS

Federal Aid No. SRTS-6553(001)

Contract No. TA7802



CONTRACT PROVISIONS

KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
614 DIVISION STREET, MS-26
PORT ORCHARD, WASHINGTON 98366-4699
360.337.5777

APPROVED FOR CONSTRUCTION:

3/4/26
DATE


JOSEPH P. RUTAN, P.E.
COUNTY ENGINEER

BACK OF COVER

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ATTACHMENTS

- A. WASHINGTON STATE PREVAILING WAGE RATES, STATE BENEFIT CODE KEY AND SUPPLEMENTAL (L&I STATEMENT)
- B. FEDERAL PREVAILING RATES
- C. FEDERAL CONTRACT PROVISIONS (FHWA 1273), W/ AMENDMENT
- D. GEOTECHNICAL ENGINEERING REPORT, Perry – Stone to Sheridan Non-Motorized Improvements, Project No. AS210516-F, March 17, 2025, FINAL
- E. POTHOLE REPORT, CRP 3699 Perry – Stone to Sheridan, 10/02/2024

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CALL FOR BIDS

KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS COUNTY ROAD PROJECT NO. 3699

PERRY – STONE TO SHERIDAN NON-MOTORIZED IMPROVEMENTS

Federal Aid No. SRTS-6553(001)

Contract No. TA7802

BID OPENING: DATE: **April 1, 2026** TIME: **11:00 AM**

Sealed bids for the project designated above will be received by Kitsap County Department of Public Works before the time and date indicated above, at which time they will be opened and publicly read aloud. The Public Works building is closed to the public.

Bids delivered in person or by private carrier (UPS, Federal Express, etc.) will be received by staff from Kitsap County Department of Public Works between the hours of 10:30 AM and 11:00 AM at:

Kitsap County Department of Public Works
Front Entrance of the Public Works Building,
507 Austin Avenue
Port Orchard, Washington

Bids will be opened and publicly read aloud at the front entrance of the Public Works Building.

Bids delivered by US Postal Service shall be addressed to:

Kitsap County Department of Public Works
614 Division Street, MS-26
Port Orchard, Washington 98366-4699

Prospective bidders are hereby notified that they are solely responsible for ensuring timely delivery of their bid to the place of bid opening.

All bid proposals shall be accompanied by a bid proposal surety bond made payable to Kitsap County Department of Public Works 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 and payment bonds within the time stated in the Special Provisions, the bid proposal bond shall be forfeited to Kitsap County Department of Public Works.

Each proposal or bid shall be completely sealed in a separate envelope, properly addressed as stated above, with the name and address of the bidder and the name of the project plainly written on the outside of the envelope. A complete bid proposal shall include the following:

- 1) Proposal Form**
- 2) Bid Bond**
- 3) Bidder Responsibility Statement**
- 4) Certification of Compliance with Wage Payment Statutes**
- 5) Non-Collusion Affidavit**
- 6) Subcontractor List**
- 7) Proposal for Incorporating Recycled Materials into the Project**
- 8) Bidder Questionnaire** (Bidders are made aware of the requirement to include a Bidders Questionnaire, WSDOT form 272-022, in accordance with special provisions section 1-02.6. Bids that do not include this form at the time of bid will be rejected in accordance with Section 1-02.13 of the special provisions.)
- 9) Local Agency Certification for Federal Aid Contracts**

All of the above items must be complete in all respects, including signatures (notarized where required). Bidder shall acknowledge receipt of all addendums in the spaces provided. The successful Bidder will be required to submit a photocopy of their current Washington State Contractors Registration. Failure to include all items may be cause for the bid to be considered irregular and thereby rejected.

Bids or proposals received after the time set for the opening of bids will not be considered.

Bidders are notified that all bids are likely to be rejected if the lowest responsible bid received exceeds the Engineer's estimate by an unreasonable amount.

Kitsap County reserves the right to award the bid in a manner and on a basis, which will best serve the County, taking into consideration the Bidder Responsibility Statement included with the bids and the requirements of the WSDOT/APWA Standard Specifications and the Contract Provisions.

The award of the contract, if made, shall be made to the responsible Bidder submitting the lowest responsive bid, based upon the total sum of the extension of unit prices for the bid items.

DESCRIPTION OF WORK

This Contract provides for the improvement of Perry Ave to construct pedestrian and bicycle facilities, grind and overlay the travel lanes, install stormwater improvements, and other work from NE Stone Way to Sheridan Road intersection, all in accordance with the Contract Documents. The engineer's estimate ranges from \$2,500,000 to \$3,500,000.

The following is applicable to federal aid projects:

The Kitsap County Board of Commissioners, 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.

OBTAINING PLANS AND CONTRACT PROVISIONS:

Electronic copies of the Plans and Contract Provisions in PDF format are available on the internet through Kitsap County's website, Department of Public Works, Road Projects Open for Bid, located at <http://kcowa.us/roadbid>.

Paper copies of the Contract Plans and Provisions for the proposed work may be obtained from the Kitsap County Department of Public Works at 507 Austin Avenue, 3rd floor Reception Desk, Port Orchard, Washington for a non-refundable fee of \$35.00 for each set plus \$5.00 to cover postage and handling if mailing is requested. To order these Contract Documents or to obtain a Bid Proposal Package at no cost, please call 360-337-5777 or email at help@kitsap1.com. Plans and Contract Provisions will not be shipped until the fee is received.

To be added to the Plan Holder List, please complete the form available online at <https://www.kitsapgov.com/pw/Pages/planholders.aspx>. Any questions or issues, please call 360-337-5777 or email at help@kitsap1.com.

CONTACT PERSON

Any prospective Bidder having questions or desire an explanation or interpretation of the Bid Documents are requested to contact Theresa Smith, Engineering Design Manager, at tsmith@kitsap.gov by close of business 5 business days preceding the bid opening.

General questions about the project may be addressed by contacting Theresa Smith, Engineering Design Manager, at (360) 337-4556 or at tsmith@kitsap.gov.

KITSAP COUNTY BOARD OF COMMISSIONERS

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PROPOSAL

**KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
COUNTY ROAD PROJECT NO. 3699**

PERRY – STONE TO SHERIDAN NON-MOTORIZED IMPROVEMENTS

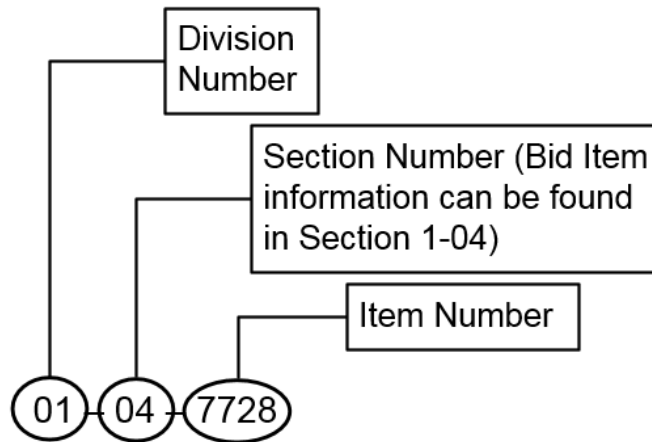
Federal Aid No. SRTS-6553(001)
Contract No. TA7802

**The Honorable Board of Commissioners
Kitsap County
614 Division Street
Port Orchard, Washington 98366**

1. Pursuant to and in compliance with your Advertisement for Bids and the other documents relating thereto, the undersigned Bidder, having familiarized themselves with the terms of the project related to those items herein bid, being aware of the local conditions affecting the performance of a Contract covering the items bid, having knowledge of the cost of the work at the place where the work is to be done, having familiarized themselves with the Contract Documents, hereby proposes and agrees to perform the work and/or to furnish the equipment, and to furnish any and all of the labor, materials, tools, expendable equipment and all utility and transportation services necessary to perform a Contract covering any or all of those items herein bid and to complete in a workmanlike manner all work covered by said Contract in connection with the Owner's Improvement Project, for an amount computed upon the basis of the quantity of work actually performed at the following bid prices:

NOTE: UNIT PRICES FOR ALL ITEMS, ALL EXTENSIONS, AND THE TOTAL AMOUNT OF BID MUST BE SHOWN. All prices shall be in legible figures (not words) written in ink or typed. The proposal shall include: A unit price for each item (omitting digits more than four places to the right of the decimal point); an extension for each unit price (omitting digits more than two places to the right of the decimal point); the total Contract price (the sum of all extensions).

COST CODE (a guide to locate Bid Item information – the Contracting Agency does not warrant its accuracy): The Cost Code for each Bid Item consists of the WSDOT/APWA Standard Specifications division number, the section number and the item number, in that order. An example is shown below:



Kitsap County-specific Bid Items are noted with “KC” at the end. **Project-specific Bid Items** are noted with “SP”. Bid Items that have options (e.g. Plant Selection or Beam Guardrail Anchor Type X) are designated as such. Examples are shown below:

01-04-7728	WSDOT Standard Bid Item
01-07-0010KC	Kitsap County Standard Bid Item
05-05-SP01	Project-specific Bid Item
08-02-6550-AC	WSDOT Standard Bid Item with Option
08-11-6760-16	WSDOT Standard Bid Item with Option (e.g. specific pipe size)

NO.	COST CODE	ITEM	QTY	UNIT	UNIT COST	AMOUNT
1	01-04-7728	MINOR CHANGE	50000	CALC	\$ 1.00	\$ 50,000.00
2	01-07-0010KC	PROTECTION & SUPPORT OF EXISTING UTILITIES	1	L.S.		
3	01-07-7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	5	EST.	\$ 1.00	\$ 5.00
4	01-07-7736	SPCC PLAN	1	L.S.		
5	01-08-7003	TYPE B PROGRESS SCHEDULE	1	L.S.		
6	01-09-0001	MOBILIZATION	1	L.S.		
7	01-10-6973	OTHER TEMPORARY TRAFFIC CONTROL DEVICES	1	L.S.		
8	01-10-6974	TRAFFIC CONTROL SUPERVISOR	1	L.S.		
9	01-10-6980	FLAGGERS (MINIMUM \$50 PER HR)	4800	HR		
10	01-10-6982	CONSTRUCTION SIGNS CLASS A	54	S.F.		
11	01-10-6993	PORTABLE CHANGEABLE MESSAGE SIGN	8064	HR		
12	01-10-7572	WORK ZONE SAFETY CONTINGENCY	25000	EST.	\$ 1.00	\$ 25,000.00
13	02-01-0025	CLEARING AND GRUBBING	0.9	ACRE		
14	02-02-0050KC	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	L.S.		

15	02-02-0079KC	SAW CUT ASPHALT CONCRETE PAVEMENT	2800	L.F.		
16	02-02-0090KC	REMOVING CEMENT CONC. PAVEMENT	500	S.Y.		
17	02-02-0100KC	REMOVING CEMENT CONC. SIDEWALK	270	S.Y.		
18	02-02-0108KC	REMOVING CEMENT CONC. CURB AND GUTTER	10	L.F.		
19	02-02-0110KC	REMOVING CEMENT CONC. CURB	330	L.F.		
20	02-02-0120KC	REMOVING ASPHALT CONC. PAVEMENT	5597	S.Y.		
21	02-02-SP01	REMOVING TREE	8	EACH		
22	02-03-0310	ROADWAY EXCAVATION INCL. HAUL	2000	C.Y.		
23	02-03-0350	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	100	C.Y.		
24	02-03-0411KC	SPECIAL BORROW INCL. HAUL	2740	TON		
25	02-03-0470	EMBANKMENT COMPACTION	1300	C.Y.		
26	02-07-7018	WATER	120	MGAL		
27	02-09-7008KC	SHORING OR EXTRA EXCAVATION CLASS B	1	L.S.		
28	02-11-7490	TRIMMING AND CLEANUP	1	L.S.		
29	04-04-5035	PERMEABLE BALLAST	20.8	C.Y.		

30	04-04-5100	CRUSHED SURFACING BASE COURSE (TON)	1190	TON		
31	04-04-5120	CRUSHED SURFACING TOP COURSE (TON)	440	TON		
32	05-04-5711	PLANING BITUMINOUS PAVEMENT	4000	S.Y.		
33	05-04-5767KC	HMA CL. 1/2 IN. PG 58H-22	1190	TON		
34	05-04-5837KC	ASPHALT COST PRICE ADJUSTMENT	2000	CALC	\$ 1.00	\$ 2,000.00
35	05-04-5878KC	HMA ROAD APPROACH	980	S.Y.		
36	06-03-1945KC	PEDESTRIAN HANDRAIL	76	L.F.		
37	07-04-3151	TESTING STORM SEWER PIPE	3031	L.F.		
38	07-04-3251KC	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.	591	L.F.		
39	07-04-3602	CORRUGATED POLYETHYLENE STORM SEWER PIPE 12 IN. DIAM.	2440	L.F.		
40	07-05-1046	CONCRETE INLET	1	EACH		
41	07-05-3080KC	ADJUST MANHOLE	4	EACH		
42	07-05-3091KC	CATCH BASIN TYPE 1	22	EACH		
43	07-05-3092KC	CATCH BASIN TYPE 1L	4	EACH		
44	07-05-3100KC	ADJUST CATCH BASIN	1	EACH		
45	07-05-3105KC	CATCH BASIN TYPE 2 48 IN. DIAM.	5	EACH		

46	07-05-9605	CONNECTION TO DRAINAGE STRUCTURE	2	EACH		
47	07-05-9606KC	CONNECT CATCH BASIN TO EXISTING PIPE	1	EACH		
48	07-05-SP02	CITY OF BREMERTON TYPE "B" RIGHT-OF-WAY USE PERMIT	1	L.S.		
49	07-08-7029	PLUGGING EXISTING PIPE	2	EACH		
50	07-08-7715KC	FORCE ACCOUNT POT-HOLE UTILITY CROSSING	5000	EST.	\$ 1.00	\$ 5,000.00
51	07-10-SP03	6-INCH TRENCH DRAIN SYSTEM	118	L.F.		
52	07-10-SP04	4-INCH PVC PIPE	106	L.F.		
53	07-12-6243KC	ADJUST VALVE BOX	7	EACH		
54	07-17-SP05	ADJUST SEWER CLEANOUT	3	EACH		
55	08-01-6488KC	EROSION CONTROL AND WATER POLLUTION PREVENTION	1	L.S.		
56	08-02-6406KC	TOPSOIL TYPE A (C.Y.)	177	C.Y.		
57	08-02-6414KC	SEEDING, FERTILIZING, AND MULCHING	0.6	ACRE		
58	08-02-6480	FINE COMPOST	0.7	ACRE		
59	08-02-6529	SOIL AMENDMENT (ACRE)	0.7	ACRE		
60	08-02-6550-CO	PLANT SELECTION SLOUGH SEDGE (CAREX OBNUPTA)	438	EACH		

61	08-02-6550-JE	PLANT SELECTION DAGGER LEAF RUSH (JUNCUS ENSILOLIUS)	384	EACH		
62	08-02-6550-JT	PLANT SELECTION SLENDER RUSH (JUNCUS TENUIS)	26	EACH		
63	08-02-6550-PC2	PLANT SELECTION PACIFIC NINEBARK (PHYSOCARPUS CAPITATIS)	16	EACH		
64	08-02-6550-SA	PLANT SELECTION SNOWBERRY (SYMPHORICARPO S ALBUS)	34	EACH		
65	08-02-6550-SS	PLANT SELECTION DOUGLAS ASTER (SYMPHYOTRICHU M SUBSPICATUM)	76	EACH		
66	08-02-6580KC	BARK OR WOOD CHIP MULCH (S.Y.)	460	S.Y.		
67	08-04-6700	CEMENT CONC. TRAFFIC CURB AND GUTTER	3169	L.F.		
68	08-04-6701KC	CEMENT CONC. TRAFFIC CURB	589	L.F.		
69	08-04-6707	CEMENT CONC. PEDESTRIAN CURB	304	L.F.		
70	08-04-6710KC	CEMENT CONC. CURB TRANSITION	7	EACH		
71	08-04-SP06	CEMENT CONC. ROLLED CURB	63	L.F.		
72	08-04-SP07	CEMENT CONC. ROLLED CURB TRANSITION	3	EACH		
73	08-06-SP08	COMMERCIAL CONC. DRIVEWAY, 3-DAY MIX	746	S.Y.		
74	08-06-SP09	COMMERCIAL CONC. ROAD APPROACH, 3-DAY MIX	263.6	S.Y.		

75	08-12-SP10	CHAIN LINK FENCE TYPE 1 WITH TOP RAIL	71	L.F.		
76	08-12-SP11	CHAIN LINK FENCE TYPE 6 WITH TOP RAIL	363	L.F.		
77	08-12-7089KC	COATED CHAIN LINK FENCE TYPE 6 WITH TOP RAIL	127	L.F.		
78	08-12-7097	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE	6	EACH		
79	08-12-7100	SINGLE 6 FT. CHAIN LINK GATE	4	EACH		
80	08-12-7102	DOUBLE 14 FT. CHAIN LINK GATE	2	EACH		
81	08-12-7110	WIRE FENCE TYPE 1	127	L.F.		
82	08-12-7118	DOUBLE WIRE GATE 20 FT. WIDE	1	EACH		
83	08-13-7045KC	MONUMENT CASE AND COVER	1	EACH		
84	08-14-7054	DETECTABLE WARNING SURFACE	12	S.F.		
85	08-14-7055	CEMENT CONC. SIDEWALK	1241	S.Y.		
86	08-14-7058-PAA	CEMENT CONC. CURB RAMP TYPE PARALLEL A	8	EACH		
87	08-14-7058-PAB	CEMENT CONC. CURB RAMP TYPE PARALLEL B	8	EACH		
88	08-14-SP12	CEMENT CONC. STEPS	19	S.Y.		
89	08-18-7562-1	MAILBOX SUPPORT TYPE 1	16	EACH		
90	08-18-7562-2	MAILBOX SUPPORT TYPE 2	6	EACH		

91	08-18-SP13	MAILBOX	1	EACH		
92	08-21-6890	PERMANENT SIGNING	1	L.S.		
93	08-22-0187	REMOVING PAINT LINE	720	L.F.		
94	08-22-0190	REMOVING PLASTIC LINE	12	L.F.		
95	08-22-6806	PAINT LINE	5440	L.F.		
96	08-22-6857	PLASTIC CROSSWALK LINE	48	S.F.		
97	08-22-6859	PLASTIC STOP LINE	21	L.F.		
98	08-22-6862	PAINTED ACCESS PARKING SPACE SYMBOL	1	EACH		
99	08-22-6867	PLASTIC BICYCLE LANE SYMBOL	9	EACH		
100	08-24-7164KC	GRAVITY BLOCK WALL	1205	S.F.		
101	08-27-7500KC	FIELD OFFICE BUILDING	1	L.S.		
102	08-28-SP14	BIORETENTION FACILITY	1	L.S.		
TOTAL CONTRACT COST						

2. BIDDER SHALL INCLUDE SALES TAX IN THE LUMP SUM AND UNIT PRICE BID ITEMS in accordance with Section 1-07.2(1) of Special Provisions.

3. The undersigned Bidder hereby proposes and agrees to commence work under this Contract, if awarded to them, in accordance with Sections 1-08.4 and 1-08.5 of the Special Provisions. They further agree to complete the contract within **120 working days**.

4. The agreed liquidated damage to the Owner shall be in accordance with Liquidated Damages as described in the Standard Specifications, Amendments thereto, and Special Provisions.

5. The Owner reserves the right to delete all or any portions of the work as outlined in the Contract Documents.

6. The required bid security in the amount of five percent (5%) of the total bid is hereto attached.

7. It is understood that the Contractor is responsible for obtaining and completing all required government forms.

8. Receipt of the following Addenda to the Contract Document is hereby acknowledged.

ADDENDUM #	DATE OF RECEIPT OF ADDENDUM	SIGNED ACKNOWLEDGMENT
1		
2		
3		
4		
5		
6		

(Note: Failure to acknowledge receipt of the Addenda may be considered an irregularity in the proposal).

9. Notice of Acceptance of this bid or requests for additional information should be addressed to the undersigned at the address stated below and unless otherwise notified in writing, this address shall be used by the successful bidder during the life of the Contract for all official notices.

10. By signing this Proposal, the Bidder certifies that they have read and understand all of the terms and Conditions of the Contract Plans, Standard Specifications, the Amendments there to, and these Special Provisions, and agrees to comply with them.

Date: _____

Proper Name of Bidder (Type or Print): _____

By (Signature): _____

Name and Title (Type or Print Name
and Title of Signatory): _____

Street Address: _____

City, State and Zip Code: _____

Telephone Number with Area Code: _____

Fax Number with Area Code: _____

Mailing Address,
if different from above: _____

E-mail Address
(to be used by the County
to send award documents) _____

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BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, as Principal, and _____ as Surety, are hereby held and firmly bound unto Kitsap County Department of Public Works as Owner in the penal sum of _____ for payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors, and assigns. Signed this _____ day of _____, 2026.

The Condition of the above obligation is such that whereas the Principal has submitted To Kitsap County Department of Public Works, a certain BID, attached hereto and made a part hereof to enter a contract in writing, for the _____

NOW, THEREFORE,

- (a) If said BID be rejected, or
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attachment hereto (properly completed in accordance with said BID) and shall furnish a BOND for faithful performance of said contract, and for the payment of all persons performing labor and furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are Corporations have set their Corporation seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal

Surety

By: _____

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BIDDER RESPONSIBILITY STATEMENT

Each Bidder shall prepare and submit the following information with their bid.

By signing the signature page of the Proposal, the Bidder affirms that the following information is true and correct.

Name of Bidder: _____

Business Address: _____

A) MANDATORY BIDDER RESPONSIBILITY CRITERIA (RCW 39.04.350)

1. Do you have industrial insurance (workers' compensation) coverage for your employees working in Washington as required by Title 51 RCW?

Yes: ☐ No: ☐ Not Applicable: ☐

2. Washington State Employment Security Department number as required by Title 51 RCW.

Number: Not Applicable: ☐

3. Have you ever been disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3)?

Yes: ☐ No: ☐

4. Have you received training on the requirements related to public works and prevailing wage?

Yes: ☐ No: ☐ Exempt: ☐

**B) SUPPLEMENTAL BIDDER RESPONSIBILITY CRITERIA
(SPECIAL PROVISIONS SECTION 1-02.14)**

1. Do you own delinquent taxes to the State of Washington Department of Revenue?
Yes: ☐ No: ☐
2. Are you currently debarred or suspended from bidding by the Federal government?
Yes: ☐ No: ☐
3. Does your standard subcontract form include the subcontract responsibility language required by RCW 39.06.020?
Yes: ☐ No: ☐
4. Do you have any established procedure which your company utilizes to validate the responsibility of each of your subcontractors and any sub-tier contractors?
Yes: ☐ No: ☐
5. Do you have any record of prevailing wage violations in the last 5 years as determined by the Washington State Department of Labor and Industries?
Yes: ☐ No: ☐
6. Have you had any claims against retainage or payment bonds for public works projects in the last 3 years?
Yes: ☐ No: ☐
7. Has your company or its owners been convicted of a crime involving bidding on a public works contract in the last 5 years?
Yes: ☐ No: ☐
8. Has your company had any public works contract terminated for cause or terminated for default by a government agency in the last 5 years?
Yes: ☐ No: ☐
9. Has your company had any lawsuits with judgments entered against the company in the last 5 years?
Yes: ☐ No: ☐



Kitsap County Public Works
An APWA Accredited Agency



This form must be submitted with the Bid Proposal or as a Supplement to the Bid no later than 24 hours after the time for delivery of the Bid Proposal, as provided for in Section 1-02.9 of the Contract Provisions.

CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date **March 11, 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.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Bidder’s Business Name

Signature of Authorized Official*

Printed Name

Title

Date

City

State

Check One:

Sole Proprietorship ☐ Partnership ☐ Joint Venture ☐ Corporation ☐

State of Incorporation, or if not a corporation, State where business entity was formed:

If a co-partnership, give firm name under which business is transacted:

** If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co-partnership, proposal must be executed by a partner.*

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

NON-COLLUSION DECLARATION FORM

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 272-0361 EF
07/2011

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SUBCONTRACTOR LIST

Local Agency Name
Local Agency Address

Local Agency Subcontractor List

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Project Name

Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW must be listed below. The work to be performed is to be listed below the subcontractor(s) name.

To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.

Subcontractor Name	
Work to be performed	
Subcontractor Name	
Work to be performed	
Subcontractor Name	
Work to be performed	
Subcontractor Name	
Work to be performed	
Subcontractor Name	
Work to be performed	

* Bidder's are notified that it is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc, are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.

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PROPOSAL FOR INCORPORATING RECYCLED MATERIALS INTO THE PROJECT



APWA-WA Division 1 Committee

rev. 5/13/2022

Proposal for Incorporating Recycled Materials into the Project

In compliance with RCW 70A.205.700, the Bidder shall propose below, the total percent of construction aggregate and concrete materials to be incorporated into the Project that are recycled materials. Calculated percentages must be within the amounts allowed in Section 9-03.21(1)E, Table on Maximum Allowable Percent (By Weight) of Recycled Material, of the Standard Specifications.

Proposed total percentage: _____ percent.

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

Bidder: _____

Signature of Authorized Official: _____

Date: _____

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Bidder Questionnaire

Agency Name				Federal Aid Number		
Prime Contractor Name				Contract Number		
Contract Name						
Firm/Subcontractor Name	Address (incl. Zipcode)	DBE Status	NAICS Codes	Scope of Work	Firm Age	Firm Gross Receipts

If you have additional Firms or Subcontractors that submitted Bids, please complete additional forms.

Prime Contractor Representative

Title

Date

Form Instructions

The following information on each firm that submitted a bid is required as part of part of 49 CFR 26.11(c)(2):

Firm/Subcontractor Name: Enter the name of each firm or subcontractor who submitted a quote or a bid on the contract.

Address: Enter the date the main address of the firm/subcontractor. Include the zip code.

DBE Status: Enter the DBE status. *Options are DBE and Non-DBE.*

NAICS Codes: Enter the appropriate NAICS Codes for the work the bid was submitted.

Scope of Work: Enter the scope of the work the bid was submitted for.

Firm Age: Enter the age of the Firm.

Firm Gross Receipts: Enter the annual gross receipts. *Options are "Less than \$1 million", "\$1-\$3 million", "\$3-\$6 million", "\$6-\$10 million", "\$10-\$20 million ", "\$20-\$30.72 million ", "Greater than \$30.72 million ".*

LOCAL AGENCY CERTIFICATION FOR FEDERAL-AID CONTRACTS

The prospective participant certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is material representation of the fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

DOT Form 272-040A EF
07/2011

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AGREEMENT

This Agreement, made and entered into this _____ day of _____, 2026 by and between Kitsap County, through the BOARD OF COUNTY COMMISSIONERS of Kitsap County, State of Washington, hereinafter referred to as the "COUNTY", and _____, a general Contractor licensed by the State of Washington, for themselves, their heirs, executors, administrators, successors, and assigns, hereinafter referred to as the "CONTRACTOR."

RECITALS:

WHEREAS, the COUNTY desires to provide for road and stormwater improvements on Perry Avenue from NE Stone Way to Sheridan Road, in Commissioner District #3:

WHEREAS, the CONTRACTOR has been selected by competitive bid as the "responsible bidder with the lowest responsive bid," as defined under RCW 39.04.010;

NOW THEREFORE, in consideration of the mutual benefits and covenants contained herein, the COUNTY and the CONTRACTOR mutually agree as follows:

CONTRACT DOCUMENTS:

This Agreement hereby incorporates the recitals and the Contract Documents, which documents are incorporated herein by reference. The Contract Documents shall include, but shall not be limited to, the Contract Provisions for "**PERRY- STONE TO SHERIDAN NON-MOTORIZED IMPROVEMENTS**", Call for Bids, Contractors accepted Bid Proposal, the General and Special Provisions, Contract Plans and Drawings, Addenda, applicable Bonds, and the 2025 WSDOT/APWA Standard Specifications for Road, Bridge, and Municipal Construction, hereinafter referred to as the "Standard Specifications", any amendments to the Standard Specifications, and this Agreement.

1) DESCRIPTION OF WORK:

This Contract provides for the improvement of Perry Ave to construct pedestrian and bicycle facilities, grind and overlay the travel lanes, install stormwater improvements, and other work from NE Stone Way to Sheridan Road intersection, all in accordance with the Contract Documents.

The CONTRACTOR shall furnish all of the materials, supplies, tools, equipment, labor, and other services necessary for the construction and completion of the project described herein, in accordance with the Contract Documents.

2) BINDING EFFECT:

The covenants and conditions contained in this Agreement shall apply to and bind the parties, heirs, legal representatives and assigns of the parties.

3) TIME IS OF THE ESSENCE:

The CONTRACTOR agrees to work promptly and to fully complete the work within the time limits as described in the Contract Documents. Failure to complete within the allowed time limit will subject the CONTRACTOR to Liquidated Damages, as described in Section 1-08.9, Liquidated Damages, of the Contract Documents.

4) TIME FOR COMPLETION:

The work to be performed under this Agreement shall commence and complete in accordance with Sections 1-08.4, Notice to Proceed and Prosecution of Work, and 1-08.5, Time for Completion, of the Contract Documents and Physically Completion of the work shall be achieved within **120 WORKING DAYS**, unless Contract Time is extended otherwise in accordance with the Contract Documents.

5) COMPENSATION:

The COUNTY agrees to pay the CONTRACTOR for the work described and completed according to the Contract Documents the sum of [spell out the amount in words and in numbers] , \$ _____. This sum shall include state sales tax.

6) INDEPENDENT CONTRACTOR:

The CONTRACTOR shall perform the services under this Agreement as an independent CONTRACTOR and not as an agent, employee or servant of the COUNTY. The parties agree that the CONTRACTOR is not entitled to any benefits or rights enjoyed by employees of the COUNTY. CONTRACTOR shall comply with all laws regarding workers' compensation.

7) DISCRIMINATION AND AMERICANS WITH DISABILITIES ACT (ADA):

The CONTRACTOR agrees to comply with all provisions of the Americans with Disabilities Act and all regulations interpreting or enforcing said Act. The CONTRACTOR agrees to comply with all Federal, State and County laws and regulations in effect pertaining to non-discrimination. Violation of this section may be treated as a breach of this Agreement.

8) LIABILITY FOR NEGLIGENCE:

The CONTRACTOR shall be liable for any additional expenses incurred by the COUNTY as a result of carelessness or negligence on the part of the CONTRACTOR, the CONTRACTOR's agents, or the CONTRACTOR's employees. The CONTRACTOR agrees that the COUNTY may deduct such additional costs on its own behalf from monies due, or to become due, to the CONTRACTOR.

9) TERMINATION:

This Agreement may be terminated by the officials or agents of the COUNTY authorized to contract for or supervise the execution of such work in accordance with Section 1-08.10 of the Standard Specifications.

10) MODIFICATION

All amendments or modifications, including Change Orders, shall be in writing, signed by both parties consistent with Kitsap County Code, and attached to this Contract.

11) HOLD HARMLESS:

The CONTRACTOR shall indemnify and hold harmless the COUNTY and its officers and employees from, and shall process and defend at its own expense, all claims, demands or suits at law or equity arising in whole or in part from the CONTRACTOR's performance of any of its obligations under this Agreement; provided that nothing herein shall require the CONTRACTOR to indemnify the COUNTY against and hold harmless the COUNTY from claims, demands, or suits based upon the sole negligence of the COUNTY, its agents, officers, and employees; and provided further that if claims or suits are caused by or result from the concurrent negligence of (a) the CONTRACTOR or CONTRACTOR's agents or employees, and (b) the COUNTY or COUNTY's agents, officers, or employees, this indemnity provision shall be valid and enforceable only to the extent of the CONTRACTOR's negligence or the negligence of the CONTRACTOR's agents or employees.

The CONTRACTOR expressly assumes potential liability for actions brought by the CONTRACTOR's own employees against the COUNTY; and, solely for the purpose of this indemnification and defense, the CONTRACTOR specifically waives any immunity under the state industrial insurance law, Title 51 RCW. The CONTRACTOR recognizes that this waiver was specifically entered into pursuant to the provisions of RCW 4.24.115 and was subject of mutual negotiation.

12) INSURANCE REQUIREMENTS:

Section 1-07.18 of the Special Provisions shall govern this Agreement.

13) VENUE AND CHOICE OF LAW:

Any action at law, suit in equity, or other judicial proceeding for the enforcement of this contract or any provisions thereof shall be instituted as provided for in RCW 36.01.050. It is mutually understood and agreed that this Agreement shall be governed by the laws of the State of Washington, both as to interpretation and performance.

14) INTEGRATION CLAUSE:

This instrument embodies the entire agreement of the parties. There are no promises, terms, conditions or obligations other than those contained herein; and this Agreement shall supersede all previous communications, representations or agreements, either verbal or written, between parties.

15) AUTHORIZATION:

Each party signing below warrants to the other party, that they have the full power and authority to execute this Agreement on behalf of the party for whom they sign.

16) COMPLIANCE WITH LAWS:

The CONTRACTOR shall comply with all applicable federal, state and local laws, rules and regulations in performing this Agreement.

17) SEVERABILITY:

a. If a court of competent jurisdiction holds any part, term or provision of this Agreement to be illegal, or invalid in whole or in part, the validity of the remaining provisions shall not be affected, and the parties rights and obligations shall be construed and enforced as if the Contract did not contain the particular provision held to be invalid.

b. If it should appear that any provision of this Agreement is in conflict with any statutory provision of the United States or State of Washington, said provision which may conflict therewith shall be deemed inoperative and null and void insofar as it may be in conflict therewith, and shall be deemed modified to conform to such statutory provision.

18) CONFLICTS PROVISION:

In the event language in this Contract conflicts with the requirements in the Standard Specifications, the language in the Contract controls.

19) RIGHTS and REMEDIES:

No action or failure to act by the COUNTY shall constitute a waiver of a right or duty afforded the COUNTY under the Contract Documents, nor shall such action or failure to act constitute approval of an acquiescence in a breach therein, except as may be specifically agreed in writing.

20) THIRD-PARTY AGREEMENTS:

The Contract Documents shall not be construed to create a contractual relationship of any kind between the COUNTY and any Subcontractor or any persons other than the COUNTY and the CONTRACTOR.

21) RECORDS RETENTION:

The wage, payroll, bid and cost records of the CONTRACTOR and its Subcontractors, and all records subject to audit in accordance with the Standard Specifications shall be retained for a period of not less than six (6) years after the date of Final Acceptance of the Contract Documents.

22) PUBLIC RECORDS

The CONTRACTOR acknowledges the Agreement and all records associated with the Agreement shall be available to the COUNTY for inspection and copying by the public where required by the Public Records Act, Chapter 42.56 RCW ("Act"). To the extent that records in the custody of the CONTRACTOR are needed for the County to respond to a request under the Act, as determined by the County, the CONTRACTOR shall make them promptly available to the COUNTY at no cost to the COUNTY. If the CONTRACTOR considers any portion of any record, whether electronic or hard copy, to be protected from disclosure under the law, the CONTRACTOR shall clearly identify all specific information it claims to be confidential or proprietary. If the COUNTY receives a request under the Act to inspect or copy the information that has been identified by the CONTRACTOR as protected from disclosure and the COUNTY determines that release of the information is required by the ACT or otherwise appropriate, the County's sole obligation will be to make a reasonable effort to notify the CONTRACTOR of the request and the date that such protected information will be released to the requester unless the CONTRACTOR obtains a court order to enjoin disclosure pursuant to RCW 42.56.540. If the CONTRACTOR fails to timely obtain a court order enjoining disclosure, the COUNTY will release the requested information on the date specified. The COUNTY has no obligation on behalf of the CONTRACTOR to claim any exemption from disclosure under the ACT. The COUNTY will not be liable to the CONTRACTOR for releasing records in compliance with the Act, this subsection or court order.

23) CONTRACT BOND:

Payment and performance bonds for this project have been issued by _____, Surety Company of _____
Street address: _____ City: _____
Telephone: _____ Contact Person: _____
in the amount of _____.

IN WITNESS WHEREOF, the said CONTRACTOR has executed this instrument, and the said Board of County Commissioners of aforesaid COUNTY pursuant to resolution duly adopted has caused this instrument to be executed by and in the name of said Board by its Chair, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date this instrument first above written.

CONTRACTOR

**BOARD OF COUNTY COMMISSIONERS
KITSAP COUNTY, WASHINGTON**

ORAN ROOT, Chair

BY _____

TITLE _____

KATHERINE T. WALTERS, Commissioner

CHRISTINE ROLFES, Commissioner

Foregoing contract approved and ratified:

ATTEST

DANA DANIELS, Clerk of the Board

PUBLIC WORKS PAYMENT BOND

to _____, WA

Bond No. _____

_____, Washington, (_____) has awarded to _____ (Principal), a Contract for the construction of the project designated as _____, Project No. _____, in _____, Washington (Contract), and said Principal is required under the terms of that Contract to furnish a payment bond in accord with Title 39.08 Revised Code of Washington (RCW) and (where applicable) 60.28 RCW.

The Principal and _____ (Surety), a corporation organized under the laws of the State of _____ and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to _____, in the sum of _____ US Dollars (\$_____) Total Contract Amount, subject to the provisions herein.

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

The Surety agrees to indemnify, defend, and protect the _____ against any claim of direct or indirect loss resulting from the failure of the Principal, its heirs, executors, administrators, successors, or assigns, (or the subcontractors or lower tier subcontractors of the Principal) to pay all laborers, mechanics, subcontractors, lower tier subcontractors materialpersons, and all persons who shall supply such contractor or subcontractors with provisions and supplies for the carrying on of 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, except as provided herein, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

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

The Surety agrees to be bound by the laws of the state of Washington and subjected to the jurisdiction of the state of Washington.

PRINCIPAL

Principal Signature _____ Date _____

Printed Name _____

Title _____

Local office/agent of Surety Company:

Name _____

Address _____

SURETY

Surety Signature _____ Date _____

Printed Name _____

Title _____

Telephone _____

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PUBLIC WORKS PERFORMANCE BOND

to _____, WA

Bond No. _____

_____, Washington, (_____) has awarded to _____ (Principal), a Contract for the construction of the project designated as _____, Project No. _____, in _____, Washington (Contract), and said Principal is required under the terms of that Contract to furnish a bond for performance of all obligations under the Contract.

The Principal, and _____ (Surety), a corporation organized under the laws of the State of _____ and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the _____, in the sum of _____ US Dollars (\$ _____) Total Contract Amount, subject to the provisions herein.

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

The Surety agrees to indemnify, defend, and protect the _____ against any claim of direct or indirect loss resulting from the failure of the Principal, its heirs, executors, administrators, successors, or assigns (or any of the employees, subcontractors, or lower tier subcontractors of the Principal) to faithfully perform the Contract.

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

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

The Surety agrees to be bound by the laws of the state of Washington and subjected to the jurisdiction of the state of Washington.

PRINCIPAL

Principal Signature _____ Date _____

Printed Name _____

Title _____

Local office/agent of Surety Company:

Name _____

Address _____

SURETY

Surety Signature _____ Date _____

Printed Name _____

Title _____

Telephone _____

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SPECIAL PROVISIONS

**KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
COUNTY ROAD PROJECT NO. 3699**

PERRY – STONE TO SHERIDAN NON-MOTORIZED IMPROVEMENTS

Federal Aid No. SRTS-6553(001)
Contract No. TA7802

The Professional Engineer's seal and signature affixed hereon indicates this Engineer's review and participation in the preparation of the Special Provisions.



03/03/2026

Maria Theresa Cayetano Smith
Design Manager – Engineering Roads

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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)

(May 1, 2013 KC GSP) Agency Special Provision

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

*(*****)*

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any
- *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT Manual M21-01, current edition
- Kitsap County Road Standards, Kitsap County Public Works, Adopted: June 8, 2020

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

DIVISION 1 GENERAL REQUIREMENTS

Description of Work

(March 13, 1995 WSDOT GSP)

This Contract provides for the improvement of *** Perry Ave to construct pedestrian and bicycle facilities, grind and overlay the travel lanes, install stormwater improvements, and other work from NE Stone Way to Sheridan Road intersection *** and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01 DEFINITIONS AND TERMS

1-01.3 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.

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

(February 17, 2026 APWA GSP Option B)

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

1-02.2 Plans and Specifications

Delete this section and replace it with the following:

(June 27, 2011 APWA GSP)

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

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

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

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

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

1-02.4(1) General

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

(December 30, 2022 APWA GSP, Option B)

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

Delete this section and replace it with the following:

(November 25, 2024 APWA GSP)

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 4, 2025 WSDOT GSP, Option 7)

Bidder Questionnaire

The Bidder shall submit with their Bid a Bidder Questionnaire form (WSDOT Form #272-022). This shall be filled out for each firm who submitted a bid or quote in attempt to participate in the project whether they were successful or not and include the following information:

1. Firm name;
2. Firm address including ZIP code;
3. Firm's status as a DBE or non-DBE;
4. NAICS code applicable to each scope of work the firm sought to perform in its bid;
5. Age of the firm; and
6. The annual gross receipts of the firm. The Bidder may obtain this information by asking each firm to indicate into what gross receipts bracket they fit (less than \$1 million; \$1-3 million; \$3-6 million; \$6-10 million; \$10-20 million; \$20-30.72 million; or greater than \$30.72 million) rather than requesting an exact figure from the firm.

This form shall be received at the same location and no later than the time required for the delivery of the Proposal. Failure to comply with this requirement will cause this Bid to be considered irregular in accordance with Section 1-02.13.

The Contractor may correct errors to items 2 through 6 above on the Bidder Questionnaire form for a period up to 48 hours after bid opening. Bidder Questionnaire forms that are still incorrect after the correction period will be determined irregular. New Firm/Subcontractors may not be added to the form during the correction period. A Bidder Questionnaire form that fails to list a Firm/Subcontractor that appears on a different form will be considered irregular in accordance with Section 1-02.13.

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

(April 22, 2025 APWA GSP, Option B)

All prices shall be in legible figures (not words) written in ink or typed, and expressed in U.S. dollars.

Supplement the second paragraph with the following:

(April 22, 2025 APWA GSP, Option B)

4. If a minimum bid amount has been established for any item, the unit or lump sum price must equal or exceed the minimum amount stated.

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

(April 22, 2025 APWA GSP, Option B)

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.

The fourth paragraph of Section 1-02.6 is revised to read:

(June 11, 2025 APWA GSP, Option C)

The Bidder shall submit with the Bid the completed Subcontractor List included in the Contracting Agency Proposal Package. If a Subcontractor List Form is not included in the package, use DOT Form 271-015LP. The Form shall contain the following:

1. Subcontractors who will perform the work of structural steel installation, rebar installation, heating, ventilation, air conditioning, and plumbing as described in RCW 18.106 and electrical as described in RCW 19.28,

2. The Work those subcontractors will perform on the Contract and the proof of license when required as described in RCW 39.30.060; and
3. No more than one subcontractor for each category of work identified, except, when subcontractors vary with Bid alternates, in which case the Bidder shall identify which subcontractor will be used for which alternate.

Add the following new subsection:

1-02.6(1) Recycled Materials Proposal

(January 4, 2016 APWA GSP)

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

1-02.7 Bid Deposit

Supplement this section with the following:

(March 8, 2013 APWA GSP)

Bid bonds shall contain the following:

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

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

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

1-02.9 Delivery of Proposal

Delete this section and replace it with the following:

(November 21, 2025 APWA GSP, Option C)

GENERAL

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

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

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

Supplemental bid information submitted after the Proposal submittal but within 48 hours of the time and date the Proposal is due, the document(s) shall be submitted as follows:

1. By facsimile to the following FAX number: *** (360) 337-4867***, or
2. By e-mail to the following e-mail address: *** tsmith@kitsap.gov***

1-02.10 Withdrawing, Revising, or Supplementing Proposal

Delete this section, and replace it with the following:

(July 23, 2015 APWA GSP)

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

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

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

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

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

1-02.13 Irregular Proposals

Delete this section and replace it with the following:

(November 21, 2025 APWA GSP)

1. A Proposal will be considered irregular and will be rejected if:
 - a. The Bidder is not prequalified when so required;
 - b. The Bidder adds provisions reserving the right to reject or accept the Award, or enter into the Contract;
 - c. A price per unit cannot be determined from the Bid Proposal;
 - d. The Proposal form is not properly executed;
 - e. The Bidder fails to submit or properly complete a subcontractor list as required in Section 1-02.6;
 - f. The Bidder fails to submit the Bidder Questionnaire, if applicable, as required by Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions; or
 - g. 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

Delete this section and replace it with the following:

(May 17, 2018 APWA GSP, Option B)

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; or does not meet Supplemental Criteria 1-7 listed in this Section.

The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence that the Bidder meets Supplemental Criteria 3-7 shall be provided by the Bidder as stated later in this Section.

1. Delinquent State Taxes

- A. Criterion: The Bidder shall not owe delinquent taxes to the Washington State Department of Revenue without a payment plan approved by the Department of Revenue.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder does not owe delinquent taxes to the Washington State Department of Revenue, or if delinquent taxes are owed to the Washington State Department of Revenue, the Bidder must submit a written payment plan approved by the Department of Revenue, to the Contracting Agency by the deadline listed below.

2. Federal Debarment

- A. Criterion: The Bidder shall not currently be debarred or suspended by the Federal government.
- B. Documentation: The Bidder shall not be listed as having an “active exclusion” on the U.S. government’s “System for Award Management” database (www.sam.gov).

3. Subcontractor Responsibility

- A. Criterion: The Bidder’s standard subcontract form shall include the subcontractor responsibility language required by RCW 39.06.020, and the Bidder shall have an established procedure which it utilizes to validate

the responsibility of each of its subcontractors. The Bidder's subcontract form shall also include a requirement that each of its subcontractors shall have and document a similar procedure to determine whether the sub-tier subcontractors with whom it contracts are also "responsible" subcontractors as defined by RCW 39.06.020.

- B. Documentation: The Bidder, if and when required as detailed below, shall submit a copy of its standard subcontract form for review by the Contracting Agency, and a written description of its procedure for validating the responsibility of subcontractors with which it contracts.

4. **Claims Against Retainage and Bonds**

- A. Criterion: The Bidder shall not have a record of excessive claims filed against the retainage or payment bonds for public works projects in the three years prior to the bid submittal date, that demonstrate a lack of effective management by the Bidder of making timely and appropriate payments to its subcontractors, suppliers, and workers, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. Documentation: The Bidder, if and when required as detailed below, shall submit a list of the public works projects completed in the three years prior to the bid submittal date that have had claims against retainage and bonds and include for each project the following information:
- Name of project
 - The owner and contact information for the owner;
 - A list of claims filed against the retainage and/or payment bond for any of the projects listed;
 - A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

5. **Public Bidding Crime**

- A. Criterion: The Bidder and/or its owners shall not have been convicted of a crime involving bidding on a public works contract in the five years prior to the bid submittal date.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder and/or its owners have not been convicted of a crime involving bidding on a public works contract.

6. Termination for Cause / Termination for Default

- A. Criterion: The Bidder shall not have had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date; or if Bidder was terminated, describe the circumstances.

7. Lawsuits

- A. Criterion: The Bidder shall not have lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, or shall submit a list of all lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date, along with a written explanation of the circumstances surrounding each such lawsuit. The Contracting Agency shall evaluate these explanations to determine whether the lawsuits demonstrate a pattern of failing to meet of terms of construction related contracts

As evidence that the Bidder meets the Supplemental Criteria stated above, the apparent low Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid submittal deadline, a written statement verifying that the Bidder meets the supplemental criteria together with supporting documentation (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with the Supplemental Criteria. The Contracting Agency reserves the right to request further documentation as needed from the low Bidder and documentation from other Bidders as well to assess Bidder responsibility and compliance with all bidder responsibility criteria. The Contracting Agency also reserves the right to obtain information from third-parties and independent sources of information concerning a Bidder's

compliance with the mandatory and supplemental criteria, and to use that information in their evaluation. The Contracting Agency may consider mitigating factors in determining whether the Bidder complies with the requirements of the supplemental criteria.

The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria shall include any documents or facts obtained by Contracting Agency (whether from the Bidder or third parties) including but not limited to: (i) financial, historical, or operational data from the Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the Bidder has worked, or other public agencies or private enterprises; and (iii) any additional information obtained by the Contracting Agency which is believed to be relevant to the matter.

If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria above 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.

Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders with concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility Criteria may make or submit requests to the Contracting Agency to modify the criteria. Such requests shall be in writing, describe the nature of the concerns, and propose specific modifications to the criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5) business days prior to the bid submittal deadline and address the request to the Project Engineer or such other person designated by the Contracting Agency in the Bid Documents.

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

Revise the first paragraph to read:

(December 30, 2022 APWA GSP)

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

Revise this section to read:

(December 30, 2022 APWA GSP)

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

(February 17, 2026 APWA GSP, Option A)

Revise this section to read:

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, if required, any of the following: pre-Award information required by the Contracting Agency as listed under Section 1-02.15, proof of licensure for electrical, HVAC, or plumbing subcontractors. If the Prime Contractor lists themselves as performing electrical, HVAC, or plumbing they are required to submit proof of licensure prior to execution.

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

Delete the first paragraph and replace it with the following:

(July 23, 2015 APWA GSP)

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

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:
 - a. Is registered with the Washington State Insurance Commissioner, and
 - b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Guarantee that the Contractor will perform and comply with all obligations, duties, and conditions under the Contract, including but not limited to the duty and obligation to indemnify, defend, and protect the Contracting Agency against all losses and claims related directly or indirectly from any failure:
 - a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform and comply with all contract obligations, conditions, and duties, or

- b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

1-03.7 Judicial Review

Revise this section to read:

(December 30, 2022 APWA GSP)

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 WORK

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

Revise the second paragraph to read:

(December 30, 2022 APWA GSP)

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

1-05.1 Authority of Engineer

1-05.1(2) Requests for Information (RFI)

Section 1-05.1(2) is supplemented with the following:

(November 4, 2024 WSDOT GSP, Option 1)

The Contractor may submit a RFI for one of the following reasons:

1. The Contractor believes there is information missing from the Contract Documents (Missing Information).
2. The Contractor believes a clarification of one or more of the Contract requirements is necessary (Clarification).
3. The Contractor needs to substitute a material that provides an equal or better level of performance as the one specified in the Contract (RFC - Material Substitution). Requests shall indicate the location(s), quantity, and shall describe how the material provides an equal or better level of performance as the material originally specified.
4. The Contractor requests a change to the Contract requirements for a reason other than one listed in items 1-3 of this Section (RFC - Other). To be considered, the request must not meet the requirements of a Value Engineering Change Proposal. To be considered, the request shall qualify as a Minor Change in accordance with Section 1-04.4(1) and shall describe how the change is beneficial to the project.

1-05.3 Working Drawings

Section 1-05.3 is supplemented with the following:

(*****)

1-05.3(1) Submittals

The Contractor shall not install materials or equipment, which requires submittals, until reviewed by the Contracting Agency. Late submissions by the Contractor shall not be cause for time extension.

Submittals shall be made per Submittal Number and Revision assigned by the Contracting Agency's project management software, rather than per material. The Contractor shall be responsible for ensuring that each submittal includes cut sheets and/or other information for all pertinent materials necessary to complete the work for each Submittal Number. It is understood that producing submittals for each Submittal Number may require multiple submittals of common materials that are associated with more than one Submittal Number. The Contractor shall also be responsible for producing submittals that may only be associated with a Specification Section, not a particular Submittal Number.

The Contractor shall submit electronic copies of each submittal required by the Contract Documents through the Contracting Agency's project management software, (see Special Provisions Section 1-05.17), unless otherwise required elsewhere in the Contract Provisions. This includes, but is not limited to:

- Working Drawings
- Product Data
- Samples
- Reports
- Material Submittals (Ref. 1-06)
- Progress Schedules (Ref. 1-08.3)

Physical samples shall be delivered with a hardcopy of the transmittal submitted through the Contracting Agency's project management software.

The Engineer will return reviewed submittals through the Contracting Agency's project management software for the Contractor's use.

1-05.3(2) Submittal Schedule

In conformance with section 1-08.3, the progress schedule shall be submitted and reviewed prior to commencing any work. No delay claim shall be entertained for Contractor's failure to comply.

No claim will be allowed for damages or extension of time resulting from rejection of a submittal or the requirement of resubmittals as outlined by this section.

The Engineer's review will be completed as quickly as possible but may require up to ten (10) working days from the date the submittals or resubmittals are received until they are sent to the Contractor. If more than ten (10) working days are required for the Engineer's review of any individual submittal or resubmittal, an extension of time will be considered in accordance with Section 1-08.8.

1-05.3(3) Submittal Procedures

Contractor submittals shall be in accordance with the following:

The Contractor shall thoroughly review each submittal for dimensions, quantities, and details of the material or item shown. The Contractor shall review each submittal and note any errors, omissions, or deviations with the Contract Documents. The Contractor shall accept full responsibility for the completeness of each submittal.

Each submittal shall have a unique number assigned to it (via the Contracting Agency's project management software). On each page, indicate the page number, and total number of pages in each submittal.

Each submittal shall indicate the following:

1. The intended use of the item in the work;
2. Clearly indicate only applicable items on any catalog cut sheets;
3. The current revision, issue number, and data shall be indicated on all drawings and other descriptive data.
4. Description of Submittal.
5. Related Specification Section and/or plan sheet.
6. Each material submittal shall clearly indicate the name and address of all suppliers, processors, distributors, and/or producers from which the Contractor directly purchased each material.

When submitting product data, the Contractor shall modify drawings to delete any information not applicable to the project and add information that is applicable to the project. The Contractor shall mark copies of printed material to clearly identify the pertinent materials, products or models.

Samples submitted shall be of sufficient size and quantity to clearly illustrate functional characteristics of product or material and full range of colors available. Field samples and mock-ups, where required, shall be erected at the project site where directed by the Engineer.

The Contractor shall notify the Engineer, in writing at time of submission, of deviations in submittals from requirements of the contract documents.

The Contracting Agency shall not be responsible for delays in reviewing submittals not submitted in accordance with these specifications.

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

1-05.3(4) Engineer's Review of Submittals

The Engineer's review of drawings and data submitted by the Contractor will cover only general conformity with the Contract drawings and specifications. The Engineer's review of submittals shall not relieve the Contractor from responsibility for errors, omissions, deviations, or responsibility for compliance with the Contract documents.

Review of a separate item does not constitute review of an assembly in which the item functions.

When the submittal or resubmittal is marked "APPROVED", "APPROVED AS NOTED", "REVIEWED & FILED" AND "CONDITIONALLY APPROVED" no resubmittal is required. When the submittal is marked "REVIEWED WITH COMMENTS" the Contractor shall comply with any comments on the return submittal.

1-05.3(5) Resubmittals

When a submittal is marked "REVISE AND RESUBMIT" or "REJECTED," the Contractor shall make the corrections as noted and instructed by the Engineer and resubmit via the Contracting Agency's project management software. The Contractor shall not install material or equipment that has received a review status of "REVISE AND RESUBMIT" or "REJECTED".

When corrected copies are resubmitted, the Contractor shall in writing direct specific attention to all revisions and shall list separately any revision made other than those called for by the Engineer on previous submittals. The Contracting Agency's project management software will assign the resubmittal number of the original submittal followed by a revision number (1, 2, etc.) to indicate the sequence of the resubmittal.

Each submittal shall have a unique number assigned to it (via the Contracting Agency's project management software).

The Contractor shall revise returned submittals as required and resubmit until final review is obtained. Any associated progress delay due to the Contractor's need to revise and resubmit is the Contractor's sole responsibility.

The Contractor shall verify that all exceptions previously noted by the Engineer have been accounted for.

1-05.3(6) Clarifications

Clarifications of the Contract intent shall be submitted via a Request for Information (RFI) using the Contracting Agency's project management software as described in Section 1-05.17 of the Special Provisions. The Contractor shall provide a clear and concise clarification question, specific project document reference such as plan detail number or specification number, proposed solution to the clarification question, and provide any supporting documentation necessary to understand the clarification question.

Request for Information responses provided by the Contracting Agency shall be incorporated into the Record Drawings, if resulting in a change to the Contract Plans.

Request for Information responses provided by the Contracting Agency shall not be construed to be a change to the Contract Documents.

1-05.4 Conformity With and Deviations from Plans and Stakes

Delete the fourth through seventh paragraph of this section and add the following new subsection:

(November 25, 2024 APWA GSP, Option C)

1-05.4(1) Contracting Agency Provided Construction Staking

1-05.4(1)A General

As used in this Section 1-05.4, the words, "stake," "mark," "marker," or "monument" will be deemed to include any kind of survey marking, whether or not set by the Contracting Agency.

1-05.4(1)B Control Stakes

The Engineer will supply construction stakes and marks establishing lines, slopes and grades in accordance with this Section of these Special Provisions. The Contractor shall assume full responsibility for detailed dimensions, elevations, and excavation slopes measured from these Engineer furnished stakes and marks.

A claim by the Contractor for extra compensation by reason of alterations or reconstruction work allegedly due to error in the Engineer's line and grade will

not be allowed unless the original control points set by the Engineer still exist, or unless the Contractor can provide other satisfactory substantiating evidence to prove the error was caused by incorrect Engineer furnished survey data. Three consecutive points set on line or grade shall be the minimum points used to determine any variation from a straight line or grade. Any such variation shall, upon discovery, be reported to the Engineer.

The Contractor shall provide a work site clear of equipment, stockpiles and obstructions which has been prepared and maintained to permit construction staking to proceed in a safe and orderly manner. The Engineer will stake a finite amount of work in a single day in accordance with Section 1-05.4(1)C of these Special Provisions.

Stakes that constitute reference points for all construction work will be conspicuously marked with an appropriate color of flagging tape. It will be the responsibility of the Contractor to inform its employees and subcontractors of the importance and necessity to preserve the stakes.

1-05.4(1)C Survey Requests

It shall be the Contractor's responsibility to properly schedule survey work and coordinate staking requests with construction activities. The Engineer may be reasonably expected to stake any one of the following items, in the quantity shown, in a single day:

Roadway grading	+/-1500 lineal feet of centerline
Storm or sanitary sewer	Approximately 8-10 structures
Water main	+/-1500 lineal feet of pipe
Curb and gutter	+/-1300 lineal feet (one side only)
Base and top course	+/-1000 lineal feet of centerline
Slope staking	+/-800-1200 lineal feet (top and toe)
Illumination/signalization	Approximately 15-20 structures

Actual quantities may vary based on the complexity of the project, line of sight considerations, traffic interference, properly prepared work site, and other items that could affect production.

The Contractor shall be aware that length does not always translate directly into stationing. For example, a survey request for storm sewer pipe from Station 3+00 to 8+00 is 500 lineal feet in length. There may be 1000 lineal feet, or more, of storm sewer pipe, if the pipe is placed on both sides of the roadway and interconnected.

The Contractor shall provide staking requests at least three (3) working days before the Engineer needs to begin the staking operation. If the work site is

obstructed so that survey work cannot be done, a new survey request shall be submitted by the Contractor so that the survey work can be rescheduled once the site is properly prepared. An additional 3 working days may be required to complete the rescheduled work.

The Contractor shall work to preserve stakes and marks set by the Engineer. The Contracting Agency will deduct from payments due the Contractor all costs to replace such stakes, marks damaged or destroyed by the Contractor's operation. A new survey request shall be submitted by the Contractor to replace the damaged or destroyed stakes. An additional 3 working days may be required to complete the request.

If the removal of a control stake or monument is required by the construction operations of the Contractor or its subcontractors, and advance notice of at least three (3) working days is given to the Engineer, the Engineer will reference, remove, and later replace the stakes at no cost to the Contractor.

The Contractor is not entitled to an extension of time, as provided for in Section 1-08.8 as a result of any replacement of control stakes.

1-05.4(1)D Staking Services

The Contractor shall determine appropriate construction stake offset distances and direction to prevent damage to stakes by its construction equipment.

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

1. Cut or fill stakes for establishing grade and embankments,
2. Curb or gutter grade stakes,
3. Centerline finish grade stakes for pavement sections wider than 25 feet as set forth in Section 1-05.5(5), subsection 2, and
4. Offset points to establish line and grade for underground utilities such as water, sewers, storm drains, illumination and signalization.

No intermediate stakes shall be provided between curb grade and centerline stakes.

The Contractor shall provide enough safe areas to permit the Engineer to set those points and elevations that are the responsibility of the Contracting Agency and to perform random checks of the surveying performed by the Contractor.

Roadway and Utility Surveys

The Engineer will furnish the following stakes and reference marks:

- Clearing Limits - One set of clearing limit stakes will be set at approximately 50-foot stations or as needed.
- Rough Grading - One set of rough grade stakes will be set along the construction centerline of streets at 50-foot stations as required. (If superelevations require intermediate stakes along vertical curves, the Engineer will provide staking at closer intervals.) One set of primary cut and fill stakes will be set for site work. One set of secondary final grade cut and fill stakes will be set where deemed applicable as determined by the Engineer.
- Storm Sewers - Two cut or fill stakes for each inlet, catch basin or manhole will be set at offsets to the center of the structure.
- Sanitary Sewers - Two cut or fill stakes for each manhole or cleanout location will be set at appropriate offsets to the center of the structure.
- Water Main - One set of line stakes will be furnished for water mains at 50-foot stations. Additionally, two reference stakes for each valve, hydrant, tee and angle point location will be set concurrently with these line stakes.
- Staking for Embankments - Catch points and one-line stake will be set in those cases where the vertical difference in elevation from the construction centerline to the toe or top of a cut or fill slope exceeds 3 feet. In all other areas, stakes shall be set at an appropriate offset to the street centerline to allow for the preservation of said offsets through the rough grading phase. In both cases the stakes shall be clearly marked with appropriate information necessary to complete the rough grading phase.
- Curb and Gutters - One set of curb and gutter stakes shall be set at an offset on 25-foot intervals, beginning and end points of curves and curb returns, wheelchair ramps, driveways, and sufficient mid-curve points to establish proper alignment.
- Base and Top Course - One set of final construction centerline grade hubs will be set for each course, at not less than 50-foot stations. No intermediate stakes shall be provided unless superelevations require them. In those circumstances, one grade hub left and right of construction centerline at the transition stations will be set at an offset to centerline at not less than 25-foot stations.
- Adjacent or Adjoining Wetlands - One set of stakes delineating adjacent wetland perimeters will be set at 25 to 50-foot stations as required.
- Illumination and Traffic Signals System - One set of stakes for luminaires and traffic signal pole foundations will be set as required. One set of stakes for vaults, junction boxes, and conduits will be set, only if curb and gutter is not in place at the time of the survey request. If curb and gutter is in place, staking for vaults, junction boxes, and conduits will be provided at an additional expense to the Contractor.

When deemed appropriate by the Engineer, cut sheets will be supplied for curb, storm, sanitary sewer and water lines. Cuts or fills may be marked on the surveyed points but should not be relied on as accurate until a completed cut sheet is supplied.

The Contractor is responsible for staking all other items not specifically listed and deemed necessary to construct the project per the Plans and Specifications. All costs associated with Contractor staking shall be incidental to the Work and be included in the Contract unit prices.

Structure Survey

The Engineer is responsible for setting all alignment stakes, slope stakes, and grades necessary for the construction of bridges, noise walls, and retaining walls. The Contractor shall maintain stakes set for construction and maintain the necessary lines and grades.

The survey work by the Engineer will include the following:

- Establish, by placing hubs and/or marked stakes, the location with offsets of foundation shafts and piles.
- Establish offsets to footing centerline of bearing for structure excavation.
- Establish offsets to footing centerline of bearing for footing forms.
- Establish wing wall, retaining wall, and noise wall horizontal alignment.
- Establish retaining wall top of wall profile grade.
- Establish elevation benchmarks for all substructure formwork.
- Check elevations at top of footing concrete line inside footing formwork immediately prior to concrete placement.
- Check column location and pier centerline of bearing at top of footing immediately prior to concrete placement.
- Establish location and plumbness of column forms and monitor column plumbness during concrete placement.
- Establish pier cap and crossbeam top and bottom elevations and centerline of bearing.
- Check pier cap and crossbeam top and bottom elevations and centerline of bearing prior to and during concrete placement.
- Establish grout pad locations and elevations.
- Establish structure bearing locations and elevations, including locations of anchor bolt assemblies.
- Establish box girder bottom slab grades and locations.
- Establish girder and/or web wall profiles and locations.
- Establish diaphragm locations and centerline of bearing.
- Establish roadway slab alignment, grades and provide dimensions from top of girder to top of roadway slab. Set elevations for deck paving machine rails.
- Establish traffic barrier and curb profile.

- Profile all girders prior to the placement of any deadload or construction live load that may affect the girder's profile.

1-05.4(1)E Monuments

The Contractor shall work to preserve the existing monumentation as provided in RCW 58.09.130 and WAC 332-120. The Contractor shall notify the Engineer immediately if it becomes apparent that a survey marker will be disturbed due to construction. The Contractor shall allow 5 working days for the Engineer to acquire information so that a reference monument may be set. The Engineer will notify the Contractor if or when the monument will be reset to its original position after construction. All costs associated with the replacement of monuments damaged or destroyed prior to being referenced shall be deducted from monies due to the Contractor.

Payment

Depending on the Contractor's means and methods of construction additional Construction staking beyond that described above may be required by the Contractor. Should additional staking be required by the Contractor and all cost for providing additional construction staking shall be included in bid items provided within the proposal.

1-05.7 Removal of Defective and Unauthorized Work

Section 1-05.7, including title and subsections, is deleted and replaced with the following:

(October 1, 2005 APWA GSP)

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

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

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

and replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's unauthorized work

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

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

1-05.11 Final Inspection

Delete this section and replace it with the following:

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

1-05.11(1) Substantial Completion Date

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

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

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

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

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

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

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

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

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

1-05.11(3) Operational Testing

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

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

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

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

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

Delete the sixth and seventh paragraphs of this section.

1-05.15 Method of Serving Notices

Revise the second paragraph to read:

(January 4, 2024 APWA GSP)

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

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.

Add the following new section:

(****)

1-05.17 Project Management Communications – Provided at no cost to Contractor

1-05.17(1) Summary

The Contractor shall use the communications tool and protocols included in the Contracting Agency's project management software during this project. The use of project management communications as herein described does not replace or change any contractual responsibilities of the participants.

A valid email address, electronic and computer equipment, and internet connections are the responsibility of each project participant. The Contracting Agency will set up the user account.

Nothing in this specification or the subsequent communications supersedes the parties' obligations and rights for copyright or document ownership as established by the Contract Documents. The use of CAD files, processes or design information distributed in this system is intended only for the project specified herein.

1-05.17(2) Training & Support

The Contracting Agency will host an information and training session for Contractor staff in use of the Contracting Agency's project management software at a time to be schedule after contract award. Companies may also use online videos, support articles, online chat and phone support provided by the Contracting Agency's project management software at no cost.

1-05.17(3) Project Archive

The archive will be available to the Contractor at no cost. The archive set will contain only documents that the Contractor has access to during construction. All legal rights in any discovery process are retained. Archive material shall be ordered through the Contracting Agency.

1-05.17(4) Authorized Users

Access to the Contracting Agency's project management software will be by individuals who have been authorized to use it by the Engineer.

1. The Contracting Agency will provide the Contractor with at least five (5) access accounts for the duration of the project. The sharing of user accounts is prohibited.

2. Contractor shall provide Engineer with list of Authorized users including valid email addresses following award of the Contract and scheduling of Contracting Agency provided training.
3. Authorized users will be contacted via e-mail with log-in information.
4. Individuals shall be responsible for the proper use of their passwords and access to data as agents of the Contractor.
5. Only entities with a direct Contract with the Contracting Agency will be allowed to have read/write access (Authorized user) to the software. Read access may be provided to others, if beneficial to the project, including subcontractors and utility providers.

1-05.17(5) Communications

The use of fax, email and courier communication for this project is discouraged in favor of using the Contracting Agency's project management software to send messages. Communication functions are as follows:

1. Document Integrity and Revisions:
 - a. Documents, comments, drawings, and other data posted to the system remain a permanent component of the project. The originator, time and date are recorded for each document submitted to the system. Submitting a new document or record with a unique ID, originator, and time stamp is the method used to make modifications or corrections.
 - b. The system identifies revised or superseded documents and their predecessors.
 - c. Server or Client-side software enhancements during the life of the project will not alter or restrict the content of data published by the system. System upgrades will not affect access to older documents or software.
2. Document Security: The system provides a method for communication of documents. Documents allow security group assignment to respect the contractual parties' communication with the exception that the Contracting Agency Administrative Users have access to everything. **DO NOT POST PRIVATE OR CONFIDENTIAL ITEMS IN THE DATABASE.**
3. Document Integration: Documents of various types are able to be logically related to one another. For example, requests for information (RFIs), inspector's daily field reports (IDRs), supplemental sketches and photographs can be referenced as related records.
4. Reporting: The system is capable of generating reports for work in progress, and logs for each document type. Summary reports generated by the system are available for project members and are subject to each user's security settings.
5. Notifications and Distribution: Document distribution to project members may be accomplished both within the Contracting Agency's project

management software and via email depending on user settings. Project document distribution to parties outside of the project communication system may be accomplished by secure email of outgoing documents and attachments, readable by a standard email client.

6. Except for paper documents which require original signatures and large format documents (greater than 11 x 17 inches), all other documents shall be submitted by transmission in electronic form into the Contracting Agency's project management software by Authorized users.
 - a. Large format documents may be transmitted by hardcopy and electronically via the Contracting Agency's project management software as otherwise agreed, or as otherwise noted in the specifications.
 - b. Document Types that shall be transmitted via the Contracting Agency's project management software include, but are not limited to:
 - i. Request for Information (RFI)
 - ii. Change Order (CO)
 - iii. Submittals
 - iv. Transmittals, including record of documents and materials delivered in hard copy
 - v. Meeting Minutes/Notes
 - vi. Application for Payments
 - vii. Review Comments
 - viii. Inspector's Daily Field Reports (IDR)
 - ix. Construction Photographs
 - x. Drawings
 - xi. Supplemental Sketches
 - xii. Schedules
 - xiii. Specifications

1-05.17(6) Record Keeping

1. The Contracting Agency and their representatives and the Contractor shall respond to electronic documents received from the Contracting Agency's project management software and consider them as if received in paper document form.
2. The Contracting Agency and their representatives and the Contractor reserve the right to reply or respond through the Contracting Agency's project management software to documents actually received in paper document form.
3. The following are examples of paper documents which will require an original signature:
 - a. Contract

- b. Change Orders
- c. Application & Certificates for Payment
- d. Force Account and Protested Force Account forms
- e. Correspondence by the Contractor constituting notification per Section 1-05.15 of the Special Provisions.

1-05.17(7) Minimum Equipment Requirements

In addition to other requirements specified in this Section, the Contractor shall be responsible for providing suitable tools and internet access to utilize the Contracting Agency's project management software. Contact the Contracting Agency for equipment requirements and support.

No separate payment will be made for the use of the Contracting Agency's project management software, as this will be considered incidental to the Contract. All costs incurred to carry out the requirements of utilizing and maintaining the Contracting Agency's project management software, including but not limited to, labor, training, equipment, and required tools are the sole responsibility of the Contractor.

1-06 CONTROL OF MATERIAL

Section 1-06 is supplemented with the following:

Buy America Requirements

(October 1, 2025 WSDOT GSP, Option 2A)

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 (final assembly) 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 precast concrete products that are classified as Manufactured Products, the components of precast concrete products that consist wholly or predominantly of iron, steel, or combination of both shall meet the requirements for and be tracked as an Iron or Steel Product. The item shall also meet the requirements for and be tracked as a Manufactured Product.
2. With respect to intelligent transportation systems and other 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 and be tracked as a Manufactured Product.

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.

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

- 2. Excluded Material: A material where Buy America requirements do not apply. This includes the following:
 - a. Materials excluded by Section 70917(c) of the Buy America, Build America Act with respect to aggregates this includes cement and cementitious materials, aggregates such as stone, sand, or gravel or aggregate binding agents or additives. These materials shall be classified as excluded materials based on the composition when brought to the work site. It also includes combinations of these excluded materials when mixtures of Excluded Materials are delivered to the work site without final form for incorporation into the project (i.e. wet concrete and HMA). If they are formed prior to delivery, they are a Manufactured Product and not an Excluded Material.
 - b. Temporary materials that are not being permanently incorporated into the project.
 - c. Raw or minimal processed materials where the article, material, or supply does not fall into any of the categories, as it is not a Manufactured Product, an Iron or Steel Product, or a Construction Material and when these materials are delivered to the work site without final form for incorporation into the product (i.e. seed mix and topsoil). If they are formed prior to delivery, and are not an Iron or Steel Product or a Construction Material, they are a Manufactured Product and not an Excluded Material.
- 3. Iron or Steel Product: An article, material, or supply that consist of wholly or predominantly of iron or steel or a combination of both. To be considered predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is based on a good faith estimate of the cost of the iron or steel components.

4. **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.

If a product is not an Iron or Steel Product, a Construction Material, or an Excluded Material, it is a Manufactured Product.

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

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.

Iron or Steel Product Requirements

Iron or Steel Products that are permanently incorporated into the project shall consist of American-made materials only. Buy America 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 United States, as defined above, for any manufacturing process then the resulting product does not conform to the Buy America requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the Buy America requirements because the initial melting and mixing of alloys to create the material occurred in a foreign country.

Manufacturing begins with the initial melting and mixing and continues through the coating stage. Any process which modifies the chemical content, the physical size or shape, or the final finish is considered a manufacturing process. The processes include rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is deemed a manufacturing process. Coating includes epoxy coating, galvanizing,

aluminizing, painting, and any other coating that protects or enhances the value of steel or iron. Any process from the original reduction from ore to the finished product constitutes a manufacturing process for iron.

Due to a nationwide waiver, Buy America 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 iron or steel products 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 approved by the Contracting Agency, provided it contains the same information as WSDOT Form 350-109.

Manufactured Products and 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 Manufactured Products and all Construction Materials installed during the current progress estimate period meet the Buy America requirements. The certification shall be on WSDOT Form 350-108 provided by the Engineer, or such other form approved by the Contracting Agency, provided it contains the same information as WSDOT Form 350-108.

Iron or Steel Products in a Manufactured Product

In addition to providing the certification of materials origin for the Manufactured Product, the iron or steel products in a manufactured product are subject to the Buy America requirements as follows:

1. When a precast concrete product is classified as a Manufactured Product, the components that are an Iron or Steel Product shall follow the "Iron or Steel Requirements" of this Specification.
2. When an electronic hardware system such as an intelligent transportation system is classified as a Manufactured Product, the cabinets and the other enclosures of such systems that are an Iron or Steel Product shall follow the "Iron or Steel Requirements" of this Specification.

Waiver for De Minimis Costs

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

$$\frac{\text{Total cost of Foreign Construction Materials} + \text{Total cost of Foreign Manufactured Products}}{\text{Total applicable material costs}} < 0.05$$

The total applicable material costs shall be the sum of the costs of all Construction Materials, all Iron or Steel Products, and all Manufactured Products. Total applicable material costs does not include Excluded Materials.

1-06.6 Recycled Materials

Delete this section, including its subsections, and replace it with the following:

(January 4, 2016 APWA GSP)

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

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

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed

Supplement this section with the following:

(October 1, 2005 APWA GSP)

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

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

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

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

1-07.2 State Taxes

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 WSDOT GSP, Option 6)

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 WSDOT GSP)

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.

1-07.8(1) Traffic Control Personnel

Section 1-07.8(1) is revised to read:

(November 4, 2024 WSDOT GSP)

All personnel performing the Work described in Section 1-10 (including traffic control supervisors, flaggers, and others performing traffic control labor of any kind) shall comply with the following:

1. During daylight hours with clear visibility, workers shall wear a high-visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or

fluorescent red in color; and a high visibility hardhat that is white, yellow, yellow-green, orange, or red in color; and

2. During hours of darkness (½ hour before sunset to ½ hour after sunrise) or other low-visibility conditions (snow, fog, etc.), workers shall wear a high visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or fluorescent red in color; a high-visibility lower garment meeting ANSI/ISEA 107 Class E, and a high visibility hardhat marked with at least 12 square inches of retroreflective material applied to provide 360 degrees of visibility

1-07.9 Wages

1-07.9(1) General

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

(January 6, 2026 WSDOT GSP, Option 1)

The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA20260001.

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

1-07.9(5) Required Documents

1-07.9(5)A General

Section 1-07.9(5)A is supplemented with the following:

(July 8, 2024 APWA GSP)

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

1-07.11 Requirements for Nondiscrimination

Section 1-07.11 is supplemented with the following:

(May 5, 2025 WSDOT GSP, Option 1)

Requirement for Affirmative Action to Ensure Equal Employment Opportunity

In accordance with 41 CFR § 60-4.2, the clauses contained in 1-4 below are required to be included in this Contract. Nothing in this contract alters the Contractor's responsibility to comply with all applicable Federal regulations, including but not limited to 41 CFR part 60 as currently existing or later amended.

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

Women - Statewide

<u>Timetable</u>	<u>Goal</u>
Until further notice	6.9%
<u>Minorities - by Standard Metropolitan Statistical Area (SMSA)</u>	
Spokane, WA:	
SMSA Counties:	
Spokane, WA	2.8
WA Spokane.	
Non-SMSA Counties	3.0
WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA Lincoln, WA Pend Oreille; WA Stevens; WA Whitman.	
Richland, WA	
SMSA Counties:	
Richland Kennewick, WA	5.4
WA Benton; WA Franklin.	
Non-SMSA Counties	3.6
WA Walla Walla.	
Yakima, WA:	
SMSA Counties:	
Yakima, WA	9.7
WA Yakima.	
Non-SMSA Counties	7.2
WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	

Seattle, WA:

SMSA Counties:

Seattle Everett, WA 7.2

WA King; WA Snohomish.

Tacoma, WA 6.2

WA Pierce.

Non-SMSA Counties 6.1

WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA Whatcom.

Portland, OR:

SMSA Counties:

Portland, OR-WA 4.5

WA Clark.

Non-SMSA Counties 3.8

WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.

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

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

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

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

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

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

In accordance with 41 CFR § 60-4.3, the clauses contained in 1-15 below are required to be included in this Contract. Nothing in this Contract alters the Contractor's responsibility to comply with all applicable Federal regulations, including but not limited to 41 CFR part 60 as currently existing or later amended.

Standard Federal Equal Employment Opportunity Construction Contract Specifications

1. As used in these specifications:
 - a. "Covered Area" means the geographical area described in the solicitation from which this contract resulted;
 - b. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
 - c. "Employer Identification Number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941;
 - d. "Minority" includes:
 - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish culture or origin, regardless of race);

- (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
 - (4) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification.)
- 2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
- 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.
- 4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
- 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement,

to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
 - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
 - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.

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

organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

- j. Encourage present minority and female employees to recruit other minority persons and women and where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
 - k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
 - l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
 - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
 - n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
 - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the

Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being

carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, the Contractors will not be required to maintain separate records.

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

Additional assistance for Federal Construction Contractors on contracts administered by Washington State Department of Transportation or by Local Agencies may be found at:

Washington State Dept. of Transportation
Office of Equity and Civil Rights
PO Box 47314
310 Maple Park Ave. SE
Olympia WA
98504-7314
Ph: 360-705-7090
Fax: 360-705-6801
<http://www.wsdot.wa.gov/equalopportunity/default.htm>

(November 14, 2025 APWA GSP Option D)

The Federal Small Business Enterprise (FSBE) Program is an element of the Disadvantaged Business Enterprise (DBE) in accordance with the requirements of 49 CFR Part 26.39. Failure to comply with the requirements of this Specification may result in sanctions as provided by the Contract.

FSBE Abbreviations and Definitions

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

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

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

Firms certified by OMWBE as SBE, DBE can be used to fulfill the FSBE mandatory goal on a project.

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

FSBE – A firm certified by OMWBE as meeting Federal requirements of a small business enterprise. All firms on the OMWBE Certified Firm Directory with the designation of SBE or DBE are FSBEs.

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

Manufacturer (FSBE) – A FSBE firm that operates or maintains a factory or establishment that produces on the premises the materials, supplies, articles, or equipment required under the Contract. A FSBE Manufacturer shall produce finished goods or products from raw or unfinished material or purchase and

substantially alters goods and materials to make them suitable for construction use before reselling them.

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

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

FSBE Goal

The Contracting Agency has established a FSBE Goal for this Contract in the amount of: *****11%*****.

Crediting FSBE Participation

All FSBE subcontractors shall be certified before the subcontract on which they are participating is executed.

FSBE participation is only credited upon payment to the FSBE.

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

FSBE Prime Contractor

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

FSBE Subcontractor

Only take credit for that portion of the total dollar value of the subcontract that is equal to the distinct, clearly defined portion of

the Work that the FSBE performs with its own forces and is certified to perform. The value of work performed by the FSBE includes the cost of supplies and materials purchased by the FSBE and equipment leased by the FSBE, for its work on the contract. Supplies, materials or equipment obtained by the FSBE that are not utilized or incorporated in the contract work by the FSBE will not be eligible for FSBE credit.

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

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

When the subcontractor is an FSBE, the following apply:

1. If a FSBE subcontracts a portion of the Work of its contract to another firm, the value of the subcontracted Work may be counted toward the FSBE Goal only if the lower-tier subcontractor is also a FSBE.
2. Work subcontracted to a non-FSBE does not count towards the FSBE Goal nor FSBE participation.

FSBE Subcontract and Lower Tier Subcontract Documents

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

FSBE Service Provider

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

Temporary Traffic Control

If the FSBE firm is being utilized in the capacity of only “Flagging”, the FSBE firm must provide a Traffic Control Supervisor (TCS) and flagger, which are under the direct control of the FSBE. The FSBE firm shall also provide all flagging equipment (e.g. paddles, hard hats, and vests).

If the FSBE firm is being utilized in the capacity of “Traffic Control Services”, the FSBE firm must provide a TCS, flaggers, and traffic control items (e.g., cones, barrels, signs, etc.) and be in total control of all items in implementing the traffic control for the project.

Trucking

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

The FSBE trucking firm must own and operate at least one licensed, insured and operational truck on the contract. The truck must be of the type that is necessary to perform the hauling duties required under the contract. The FSBE receives credit for the value of the transportation services it provides on the Contract using trucks it owns or leases, licenses, insures, and operates with drivers it employs.

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

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

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

FSBE Manufacturer and FSBE Regular Dealer

One hundred percent (100%) of the cost of the manufactured product obtained from a FSBE manufacturer can count as FSBE participation. If the manufacturer is an FSBE, participation may count towards the FSBE Goal.

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

FSBE firms proposed to be used as a Regular Dealer must be approved before being used on a project. The WSDOT Approved Regular Dealer list published on WSDOT's Office of Equal Opportunity (OEO) web site must include the specific project for which approval is being requested. For purposes of FSBE Goal participation, the Regular Dealer must submit the Regular Dealer Status Request form and receive approval prior to providing any equipment or materials or the signing of a purchase order, invoice, or subcontract.

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

Good Faith Effort Documentation

GFE is evaluated at Physical Completion when determining whether the Contractor has satisfied its FSBE Goal.

The Contracting Agency will measure GFE using the guidance in 49 CFR Part 26, Appendix A. The following is a list of the types of actions which may be considered as part of the Contractor's GFE to achieve FSBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of effort may be relevant in appropriate cases.

1. Solicited through all reasonable and available means the interest of all certified FSBEs who had the capability to perform the Work of the Contract. The Contractor must have solicited this interest within sufficient time to allow the FSBEs to respond to the

solicitation. The Contractor must have determined with certainty that the FSBEs were interested in taking appropriate steps to follow up initial solicitations with potential FSBEs.

2. Selected portions of the Work to be performed by FSBEs to increase the likelihood that the FSBE Goal will be achieved. This includes, where appropriate, breaking out contract Work items into economically feasible units to facilitate FSBE participation, even when the Contractor might otherwise prefer to perform these Work items with its own forces.
3. Provided interested FSBEs with adequate information about the Plans, Specifications, and requirements of the Contract in a timely manner to assist them in responding to a solicitation.
 - a. Negotiated in good faith with interested FSBEs. It is the Contractor's responsibility to make a portion of the Work available to FSBE subcontractors and suppliers and to select those portions of the Work or material needs consistent with the available FSBE subcontractors and suppliers, to facilitate FSBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of FSBEs that were contacted; a description of the information provided regarding the Plans and Specifications for the Work selected for subcontracting; and evidence as to why additional agreements could not be reached for FSBEs to perform the Work.
 - b. A Contractor using good business judgment would consider a number of factors in negotiating with FSBE subcontractors, including taking the firm's price and capabilities into consideration. The fact that there may be some additional costs involved in finding and using FSBEs is not considered a sufficient reason for a Bidder's failure to meet the FSBE Goal, if such costs are reasonable. Also, the ability or desire of a Contractor to perform the Work of a Contract with its own organization does not relieve the Contractor of the responsibility to make Good Faith Efforts. Contractors are not, however, required to accept higher quotes from FSBEs if the price difference was excessive or unreasonable.

4. Not rejecting FSBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The Contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the Contractor's efforts to meet the FSBE Goal.
5. Made efforts to assist interested FSBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.
6. Made efforts to assist interested FSBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
7. Effectively used the services of available FSBE community organizations; FSBE contractors' groups; local, State, and Federal small business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of FSBEs.
8. Documentation of GFE must include copies of each FSBE and non-FSBE subcontractor quotes submitted to the Bidder when a non-FSBE subcontractor is selected over a FSBE for Work on the Contract.

Procedures after Execution

Commercially Useful Function (CUF)

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

beginning Work. Any use of the Contractor's equipment by a FSBE may not be credited as countable participation.

The FSBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, contract, or project through which the funds are passed to obtain the appearance of FSBE participation.

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

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

- The FSBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible for on the contract. The owner demonstrates business related knowledge, shows up on site and is determined to be actively running the business.
- The FSBE shall own and operate at least one fully licensed, insured, and operational truck used on the Contract. The drivers of the trucks owned and leased by the FSBE must be exclusively employed by the FSBE and reflected on the FSBE's payroll.
- Lease agreements for trucks shall indicate that the FSBE has exclusive use of and control over the truck(s). This does not preclude the leased truck from working for others provided it is with the consent of the FSBE, and the lease provides the FSBE absolute priority for use of the leased truck.
- Leased trucks shall display the name and identification number of the FSBE.

Truck Unit Listing Log

In addition to the subcontracting requirements of Section 1-08.1, each FSBE trucking firm shall submit supplemental information consisting of a completed Primary DBE/FSBE Truck Unit Listing Log (WSDOT Form 350-077) and all Rental/Lease agreements (if applicable). The supplemental information shall be submitted in an

electronic format to the Engineer prior to any trucking services being performed for FSBE credit. Incomplete or incorrect supplemental information will be returned for correction. The corrected Primary Truck Unit Listing Log and any Updated Primary Truck Unit Listing Logs shall be submitted and accepted by the Engineer no later than ten calendar days of utilizing applicable trucks. Failure to submit or update the DBE Truck Unit Listing Log may result in trucks not being credited as FSBE participation.

Each FSBE trucking firm shall complete a Daily Truck Unit Listing Log for each day that the FSBE performs trucking services for FSBE credit. The Daily Truck Unit Listing Log forms shall be submitted by Friday of the week after the Work was performed by email to the following email addresses:

ORegionOEO@wsdot.wa.gov

Joint Checking

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

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

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

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

Prompt Payment

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

Subcontracts

When FSBE is performing Work on the Contract, a copy of the executed subcontract between the Contractor and the FSBE subcontractor shall be submitted to WSDOT OECR. The executed subcontracts are submitted through the Diversity Management and Compliance System (DMCS) by uploading to the project documents tab.

Reporting

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

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

Decertification

When a FSBE is “decertified” from the FSBE program during the Contract, the participation of that FSBE shall continue to count as FSBE participation if the subcontract with the FSBE was executed prior to the decertification notice. The Contractor cannot receive credit if a FSBE is decertified prior to having an executed subcontract agreement in place.

Payment

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

1-07.11(2) Contractual Requirements

(November 25, 2024 APWA GSP)

Delete item 11 of the first paragraph of Section 1-07.11(2).

1-07.12 Federal Agency Inspection

Section 1-07.12 is supplemented with the following:

(October 3, 2023 WSDOT GSP, Option 1)

Required Federal Aid Provisions

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised October 23, 2023 and the amendments thereto supersede any conflicting provisions of the Standard Specifications and are made a part of this Contract; provided, however, that if any of the provisions of FHWA 1273, as amended, are less restrictive than Washington State Law, then the Washington State Law shall prevail.

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

1-07.17 Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

(October 3, 2022 WSDOT GSP, Option 2)

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

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

*** Lumen has overhead and buried communication lines on the east side of Perry Ave. They intend to install new poles, handholes, and pedestals, reattach sections of the aerial lines to the new poles and ground lay other sections of the aerial lines along the corridor outside of the road improvement footprint.

Puget Sound Energy has overhead and buried power lines on the west side of Perry Ave. They intend to install new poles along the corridor outside of the road improvement footprint. Old poles will be removed as soon as aerial lines have been transferred to the new poles.

Cascade Natural Gas has buried gas lines on the west side of Perry Ave starting at NE Fruitland St to the project limits at Sheridan Rd. They intend to relocate the gas line under the proposed sidewalk on the west side of the corridor.

Bremerton Sewer will coordinate with the contractor to adjust service lines during the installation of the new storm main.

Bremerton Water Bremerton Sewer will coordinate with the contractor to adjust service lines during the installation of the new storm main and water meters to finish grade.

North Perry Water District will coordinate with the contractor to adjust water meters and valves to finish grades.

Comcast and Astound have overhead communication lines on PSE poles that they intend to transfer to the new PSE poles.***

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

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

Astound
4519 SE Mile Hill Drive
Port Orchard WA 98366
Contact: Shawn Murphy
Telephone: (360) 204-2530

City of Bremerton Water/Sewer
100 Oyster Bay Ave. N.
Bremerton, WA 98312
Contact: Chance Berthiaume
Telephone: (360) 534-0148

Cascade Natural Gas
P.O. Box 539
Bremerton, WA 98337
Contact: Shawn O'Neill
Telephone: (360) 328-6845

Comcast
1225 Sylvan Way
Bremerton, WA 9831
Contact: Tom Hawk
Telephone: (253) 329-7502

Lumen
611 – 6th Street
Bremerton, WA 98337
Contact: Christopher Jensen
Telephone: (360) 535-0095

Puget Sound Energy
6522 Kitsap Way
Bremerton, WA 98312
Contact: Errol Burgos
Telephone: (425) 324-5341

North Perry Water District
2901 Perry Ave NE #15
Bremerton, WA 98310
Contact: Austin Muhleman
Telephone: (360) 710-0151

Section 1-07.17(3) is supplemented with the following new subsection:

(*****)

1-07.17(3) Protection and Support of Existing Utilities:

Description

The Contractor shall provide support and protection of all existing utility facilities crossing the work area during construction. All utilities shall remain fully operational throughout the life of this Contract. The Contractor shall be responsible for coordinating with the Engineer and the utility owners for the relocation of the utilities, or the erection of temporary support for them. The Contractor shall be responsible for the erection of all temporary support and temporary relocation necessary to complete the work.

The Contractor shall “pothole” and expose the existing underground utilities crossing the route of the new improvements. Excavation immediately adjacent to

the existing conduits shall be made by hand methods in compliance with Washington State requirements.

Payment

Payment will be made for the following bid item included on the proposal:

“Protection & Support of Existing Utilities”, per lump sum.

The lump sum Contract price for “Protection and Support of Existing Utilities” shall be full pay for all labor, tools, materials and equipment necessary to complete the work and for any costs incurred by the Contractor due to the loss of work efficiency as a result of the requirement to work adjacent to the relocated or temporarily supported utilities.

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:

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

1-07.18(5)B Automobile Liability

Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written on a coverage form at least as broad as ISO form CA 00 01.

If the work involves the transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.

Such policy must provide the following minimum limit:

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

1-07.18(5)C Workers' Compensation

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

1-07.24 Rights of Way

Delete this section and replace it with the following:

(April 22, 2025 APWA GSP)

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 as described below.

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 *(October 21, 2025 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 Training or Apprenticeship Plans, when applicable.
5. To discuss FSBE Goals when applicable.
6. To establish normal working hours for the work;
7. To review safety standards and traffic control; and
8. 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 2 working days prior to the day(s) the Contractor is requesting to change the hours.

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

1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times. (The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)
2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non-working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll

1-08.1 Subcontracting

Section 1-08.1 is supplemented with the following:

(December 30, 2022 APWA GSP, Option A)

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

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

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

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

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

1-08.1(8)B Clauses Required in Subcontracts of All Tiers

(November 25, 2024 APWA GSP)

Delete item 8 of the second paragraph of Section 1-08.1(8)B.

1-08.1(9) Submittal of Executed Subcontracts

Section 1-08.1(9) content and title are deleted and replaced with the following:

(April 22, 2025 APWA GSP, Option B)
Vacant

1-08.3 Progress Schedule

1-08.3(2)B Type B Progress Schedule

(January 4, 2024 APWA GSP)

Revise the first paragraph to read:

The Contractor shall submit a preliminary Type B Progress Schedule at or prior to the preconstruction conference. The preliminary Type B Progress Schedule shall comply with all of these requirements and the requirements of Section 1-08.3(2), except that it may be limited to only those activities occurring within the first 60-working days of the project.

Revise the first sentence of the second paragraph to read:

The Contractor shall submit one copy of a Type B Progress Schedule depicting the entire project no later than 21-calendar days after the preconstruction conference.

1-08.4 Prosecution of Work

Section 1-08.4 is deleted and replaced with the following:

(July 23, 2015 APWA GSP)

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.

When shown in the Plans, the first order of work shall be the installation of high visibility fencing to delineate all areas for protection or restoration, as described in the Contract. Installation of high visibility fencing adjacent to the roadway shall

occur after the placement of all necessary signs and traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor shall request the Engineer to inspect the fence. No other work shall be performed on the site until the Contracting Agency has accepted the installation of high visibility fencing, as described in the Contract.

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(March 13, 1995 WSDOT GSP, Option 7)

This project shall be physically completed within *** **120** *** working days.

Revise the third and fourth paragraphs to read:

(November 25, 2024 APWA GSP, Option A)

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:

(November 25, 2024 APWA GSP, Option A)

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. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
 - g. Property owner releases per Section 1-07.24

1-08.9 Liquidated Damages

Replace Section 1-08.9 with the following:

(March 3, 2021 APWA GSP, Option A)

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

Accordingly, the Contractor agrees:

1. To pay liquidated damages in the amount of *** **\$1,900** *** for each working day beyond the number of working days established for Physical Completion, and
2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due to the Contractor.

When the Contract Work has progressed to Substantial Completion as defined in the Contract, the Engineer may determine the Contract Work is Substantially Complete. The Engineer will notify the Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring after the date so established, liquidated damages identified above will not apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated

damages shall be assessed on the basis of direct engineering and related costs assignable to the project until the actual Physical Completion Date of all the Contract Work. The Contractor shall complete the remaining Work as promptly as possible. Upon request by the Project Engineer, the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

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

1-09 MEASUREMENT AND PAYMENT

1-09.2 Weighing Equipment

1-09.2(1) General Requirements for Weighing Equipment

Revise item 4 of the fifth paragraph to read:

(November 25, 2024 APWA GSP, Option B)

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

1-09.2(5) Measurement

Revise the first paragraph to read:

(December 30, 2022 APWA GSP)

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

1-09.6 Force Account

Supplement this section with the following:

(December 30, 2022 APWA GSP)

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.

1-09.9 Payments

Delete the fourth paragraph and replace it with the following:

(July 8, 2024 APWA GSP, Option B)

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.

1-09.9(1) Retainage

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

(June 27, 2011 WSDOT GSP)
Vacant

1-09.11 Disputes and Claims

1-09.11(3) Time Limitation and Jurisdiction

Revise this section to read:

(December 30, 2022 APWA GSP)

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 Claims Resolution

1-09.13(3) Arbitration

1-09.13(3)A Arbitration General

Revise the third paragraph to read:

(January 19, 2022 APWA GSP)

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

the specific basis for the decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2 Traffic Control Management

Section 1-10.2 is supplemented with the following:

(November 2, 2022 WSDOT GSP, Option 1)

Work Zone Safety Contingency

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

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

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

1-10.2(1) General

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

(October 3, 2022 WSDOT GSP, Option 1)

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

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

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

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

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

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

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

1-10.5 Payment

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

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

(November 2, 2022 WSDOT GSP, Option 7)
“Work Zone Safety Contingency”, by force account.

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

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

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

Revise the names of the third and fourth pay items to read:

(November 25, 2024 APWA GSP, Option A)

“Flaggers, min. Bid \$50 per hour”.

END DIVISION 1

DIVISION 2 EARTHWORK

2-01 CLEARING, GRUBBING AND ROADSIDE CLEANUP

2-01.1 Description

Section 2-01.1 is supplemented with the following:

(March 13, 1995 WSDOT GSP, Option 1)

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

*** Clearing and grubbing on this project shall be performed as shown on the Plans.

All trees within the clearing limits shall be removed and disposed of, unless otherwise specifically noted in the Plans. Trees outside of the clearing limits noted on the Plans to be removed shall be close-cut to ground level (root systems left in place) and included in the payment for Clearing and Grubbing.***

2-01.2 Disposal of Usable Material and Debris

The third paragraph in Section 2-01.2 is revised to read:

The Contractor shall use Disposal Method No. 2 per Section 2-01.2(2) of the Standard Specifications.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.1 Description

Section 2-02.1 is supplemented with the following:

The Work also includes the following as shown in the Plans or as directed by the Engineer:

- Saw cut asphalt concrete pavement
- Removing asphalt concrete pavement
- Removing cement concrete pavement
- Removing cement concrete sidewalk
- Removing cement concrete curb and gutter

- Removing cement concrete curb
- Removing tree
- All Work as specified in the Rights of Consideration

Rights of Consideration for PERRY- STONE TO SHERIDAN NON-MOTORIZED IMPROVEMENTS

Parcel No	Property Owner	Considerations
122401-1-114-2004	Mary Kuehne McEachron Phone: (415) 300-6489 Email: mkmceachron@gmail.com	None
122401-1-115-2003	Lisa & Mark Fritzer (formerly Camerer) Phone: (360) 621-2885 Email: lisafritzer01@gmail.com	None (new owner)
122401-1-125-2001 & 122401-1-126-2000	Fe & Pablo Lozano (Tenant Occupied) Phone: (360) 850-8876 Email: felozano5@gmail.com	None
122401-1-127-2009	Matthew & Jessica Callan Phone: (360) 479-4050 Email: mcallan@peninsulaoralsurgery.com	Protect Business sign located at approx. STA 14+50, 28' R. Provide a minimum of 2-weeks' notice prior to parking spaces in TCE area being restricted.
122401-1-116-2002	Kitsap County Andi Tegtmeyer Phone: (360) 337-4685	None
122401-1-191-2000	Brian Bowman Phone: (360) 731-1466 Email: brianbowman53@gmail.com	Provide a minimum of 2-weeks' notice prior to demolition of parking areas/loss of access to parking.
4562-000-005-0007	Christopher Rowe & Miranda Parrish (formerly Zitzmann) Phone: (360) 440-8483 Email: N/A	Provide a minimum of 2 weeks' notice for driveway removal and re-installation (New owner).
4510-000-001-0103	A.Mayes.Ing LLC (Amanda Mayes, D.M.D.) Phone: (360) 479-2240 Email: info@amandagmayes.com	Protect business sign located at approx. STA 12+79, 26' R. Provide minimum 2-weeks' notice prior to parking spaces in TCE area being restricted

4510-000-002-0904	Teresa Prange Phone: (360) 621-8933 Email: teresaprang1957@gmail.com	Install WSDOT Type 1 temporary gate and fence for animal enclosure from STA 11+63, 54' R to 12+24, 34' R. Salvage chain link gate and fence and place on property at STA 11+43, 54' R.
4510-000-003-0002	Lisa Weinert (Jessica - Daughter) Jessica Phone: (360) 710-6014 Email: kandjw4@yahoo.com	Protect business sign located at approx. STA 10+92, 27' R. Japanese interpreter requested for conversations requiring decisions.
4562-000-001-0001	Michael Hughes Phone: (206) 354-8717 Email: michaelhughes302@comcast.net	Rockery to be removed in the right-of-way, approx. STA 20+27, 29' R to STA 20+40, 28' R, set on property at approx. STA 20+80. 45' R. Provide a minimum 2-week notice for driveway removal and re-installation.
4562-000-002-0000	Doreen Leighton (Catherine Leighton, Daughter, lives onsite) Catherine Phone: (206) 939-9352 Catherine Email: cuehara@gmail.com Doreen Email: cuehara@gmail.com	Provide a 2-week notice for north driveway at approx. STA 21+55. 30' R prior to removal and re-installation.
4562-000-003-0009	Jonah Ellison Phone: (206) 268-0669 Email: jonahellison@gmail.com	Provide a 2-week notice for driveway removal and re-installation.
4562-000-004-0008	Marilyn Crosetto (Keltie Roberts, Son, Lives onsite) Marilyn Phone: (253) 212-3488 Keltie Roberts Phone: (253) 592-8799 Email: N/A	Provide a 2-week notice for driveway removal and re-installation.
4562-000-006-0006	Scott Lee (Tenant Occupied) Phone: (360) 377-2098 Email: N/A	Provide a 2-week notice for driveway removal and re-installation.
4562-000-007-0807	Flora Harris Phone: (360) 286-0373 Email: floraharris39@yahoo.com	Protect front wood deck/porch (not shown on plans) located at approx. STA 25+20, 31' R.
122401-1-066-2002	Steadfast Restoration and Repurpose LLC (Evan McMullen) Phone: (206) 467-6531 Email: evan@cosmopolitanmotors.com	None

122401-1-067-2001	Jeremy Clements Phone: (360) 605-2344 Email: N/A	None
122401-1-072-2004	Andrew Parnell Phone: (360) 674-8399 Email: andrew.j.parnell@gmail.com	Protect rock wall located at approx. STA 23+97, 32' L to STA 24+36, 32' L.
122401-1-071-2005	Kaylee & Benjamin Minshull Ben Phone: (360) 440-4289 Kaylee Phone: (253) 209-8286 Email: N/A	None
122401-1-075-2001 & 122401-1-076-2000 & 122401-1-077-2009	Kenneth & Deborah Wheeler Phone: (360) 373-9906 Email: N/A	None
122401-1-079-2007	Alberto Montemayor, Jr. Phone: (901) 568-4709 Email: 1slrmariomontemayor@gmail.com and a.montemayor800@gmail.com	None
122401-1-080-2004	Rosita & Erryck Misenar Phone: (360) 731-5897 Email: N/A	None
122401-1-082-2002	William Rice Phone: (203) 927-9843 Email: wrrice2013@gmail.com	Provide a minimum 2-week notice for driveway removal and re-installation.
122401-1-083-2001	Yvonne Hatfield & Shawn Kelley Phone: (360) 471-7580 Email: N/A	None
122401-1-084-2000	Stork Properties LLC (Tenant Occupied) Darin Beamish's Phone: (206) 683-5876 Email: storkmail@yahoo.com and darinbeamish@yahoo.com	Access to the property must be maintained due to the medical conditions of the tenants. Additionally, provide a minimum of 4-day notice before starting work on this parcel in order for the owner to notify the tenants.
122401-1-087-2007	Mark A & Kelly H Gaines Phone: (360) 908-2113 Email: markgaines87@gmail.com	None

122401-1-088-2006	Denise Bosley Phone: (360) 779-1520 Cell Phone: (360) 620-0214 Email: N/A	Protect oak tree, including root system, at approx. STA 16+87, 55' L, during clearing and grubbing work. Contact owner before starting work.
122401-1-092-2000	Gai-McDonald (Gai's Bakery) Don Gai's Phone: (971) 204-1295 Email: rob.teachrob@usbakery.com	Protect parking spaces within the TCE area at approx. STA 16+20, 28' L to STA 16+20, 40' L. Provide a minimum of 2-week notice before driveway removal and reconstruction.
122401-1-093-2009	M.A.R LLC (Mercedes Hayes) Phone: (360) 621-3995 Kris: (360) 613-5866 (Kris (she) w/ Peninsula Heating & Cooling) Email: ferrolana@comcast.net	None
122401-1-174-2001	Armstrong Realty Inc James Armstong's Phone: (253) 833-3355 Email: jima@armstrong-homes.com	None
122401-4-001-2004	Daven Edmondson Phone: (360) 649-7248 Email: Edmondsondustin7@gmail.com	Install WSDOT Type 1 temporary fence for animal enclosure from STA 12+45, 36' L to STA 12+90, 36' L.
122401-4-002-2003	Emmanuel Lutheran Church Judith Armstrong's Phone: (360) 479-4892 Email: gmajudy@comcast.net	Rocks to be removed from approx. STA 10+20, 26' L to STA 10+30, 26' L shall be placed at STA 11+80, 50' L.

All materials removed shall become the property of the Contractor and disposed of per Section 2-01.2 of these Special Provisions, unless otherwise noted in the Plans or these Special Provisions.

2-02.3 Construction Requirements

Section 2-02.3 is supplemented with the following:

(September 7, 2021 WSDOT GSP, Option 1)

Removal of Obstructions

The following miscellaneous Obstructions shall be removed and disposed of:

1. Rock Border, 10+20, 51' LT to 10+37, 30' LT, 37 LF
2. Chain link Fence, Gate and Wood Fence, 10+42, 42' RT to 12+24, 27' RT, 221 LF
3. Bench, 10+58, 33' LT

4. Wood Fence & Concrete Foundation, 12+45, 26' L to 12+90, 26' LT, 50 LF
5. Chain link Fence, 12+90, 24' LT to 13+38, 26' LT, 50 LF
6. Rebar Survey Monument, 13+31, 2' LT
7. Chain link Fence, 15+15, 27' RT to 15+70, 29' RT, 62 LF
8. Concrete Wall, 15+65, 26' LT to 15+65, 20' LT, 6 LF
9. Chain link Fence & Gate, 15+71, 41' RT to 15+98, 40' RT, 27 LF
10. Chain link Fence, 16+94, 47' LT to 18+22, 25' LT, 153 LF
11. Concrete Wall, 18+43, 23' LT to 18+43, 25' LT, 2 LF
12. Cut & Cap side sewer at vicinity STA 18+45, 15' RT
13. Chain link Fence, 18+74, 27' LT to 18+80, 27' LT, 6 LF
14. Concrete Wall along steps, 18+76, 23' LT to 18+76, 27' LT, 3 LF
15. Concrete Steps, 18+76, 27' LT to 18+79, 27' LT, 12 SF
16. Concrete Wall along steps, 18+79, 24' LT to 18+79, 27' LT, 3 LF
17. 2" Abandoned Steel Gas Pipe, 19+30, 17' RT to 25+90, 15' RT, 660 LF
18. Wood Post 4x6, 5' Tall, 19+41, 28' LT
19. Concrete Wall, 19+70, 35' RT to 19+84, 35' RT, 14 LF
20. Wire Fence, 20+00, 39' RT to 20+00, 76' RT, 38 LF
21. Concrete Pad, 20+21, 29' RT to 20+37, 69' RT, 90 SF
22. Rock Wall, 20+27, 29' RT to 20+40, 28' RT, 14 LF
23. Concrete Pad, 20+37, 81' RT to 20+33, 96' RT, 36 SF
24. Picket Fence, 21+50, 30' RT to 21+55, 30' RT, 5 LF
25. Concrete Wall, 21+55, 30' RT to 21+55, 53' RT, 23 LF
26. Woven Wire Fence, 21+55, 30' RT to 21+55, 41' RT, 12 LF
27. Concrete Block Wall, 21+66, 33' RT to 21+66, 47' RT, 14 LF
28. Chain link Fence, 21+67, 29' RT to 21+67, 52' RT, 22 LF
29. Rock Wall, 21+86, 42' LT to 22+20, 20' LT, 51 LF
30. Trench Drain, 22+28, 41' RT, 18 LF
31. Concrete Wall along steps, 22+47, 22' LT to 22+47, 27' LT, 5 LF
32. Concrete Steps, 22+47, 27' LT to 22+50, 27' LT, 15 SF
33. Concrete Wall along steps, 22+50, 22' LT to 22+50, 27' LT, 5 LF
34. Cottage Stone Steps, 22+82, 39' RT to 22+85, 39' RT, 4 SF
35. Chain link Fence, 23+26, 75' RT to 23+32, 31' RT, 51 LF
36. Concrete Wall, 24+01, 22' RT to 24+34, 21' RT, 50 LF
37. Rock Wall, 24+01, 22' RT to 24+34, 21' RT, 33 LF
38. Yard Light, 24+04, 27' RT
39. Brick/Conc Wall, 24+30, 49' RT to 24+30, 52' RT, 3 LF
40. Yard Light, 24+31, 27' RT

41. Concrete Block Wall, 25+75, 24' RT to 25+83, 18' RT, 11 LF

All stationing is based on the Perry Avenue alignment, unless specifically noted.

Removing Trees (2602 Perry Ave)

Where shown in the Plans, trees, including stumps and large roots, shall be removed.

Station, Offset	Type/Species	Diam (in)	Quantity
20+03, 55' RT	Common Base (Dead)	16, 18, 10	1 ¹
20+07, 60' RT	Maple	12	1
20+08, 62' RT	Maple	26	1
20+07, 68' RT	Maple Cluster	21, 20, 10	3 ²
20+08, 76' RT	Chestnut	10	1
20+04, 85' RT	Madrona	28	1

¹ Three trunks with a common root structure.

² Cluster of trees with separate root structures.

Temporary Fencing

Upon removal of existing fencing as specified in the Rights of Consideration in Section 2-02.1 of these Special Provisions, temporary wire fence type 1 per WSDOT standard plan L-10.10 shall be immediately furnished, installed, and maintained until permanent fencing is installed.

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

Section 2-02.3(2) is supplemented with the following:

The table below lists drainage structures (catch basins and piping) to be removed in full and disposed of. All locations and lengths are approximate.

Drainage Structures:

Station	Offset	Structure	Alignment Reference
10+50	9' R	Catch Basin	Perry
10+52	13' L	Catch Basin	Perry
26+01	17' L	Catch Basin	Perry
7+55	22' R	Catch Basin	Stone

Drainage Pipes:

Start Station, Offset	End Station, Offset	Length (LF)	Diam./Material
10+15, 9' R	10+50, 9' R	39	8" PVC
10+50, 9' R	10+52, 13' L	21	8" PVC
26+01, 17' L	26+45, 5' L	46	8" PVC
7+54, 31' R	7+55, 22' R	9	8" PVC

2-02.3(3) Removal of Pavement, Sidewalks, Curbs and Gutters

Revise item 1 of the first paragraph of Section 2-02.3(3) with the following:

1. The removed pavement shall become the property of the Contractor and shall be promptly removed from the project.

Revise item 3 of the first paragraph of Section 2-02.3(3) with the following:

3. Make a vertical full depth saw cut between any existing pavement, sidewalk, curb, or gutter that is to remain and the portion to be removed. For concrete pavement removal, a second vertical full depth relief saw cut offset 12 to 18 inches from and parallel to the initial saw cut is also required, unless the Engineer allows otherwise. For removal of bituminous pavement, asphalt planing equipment may be used in lieu of saw cutting provided that a clean vertical edge remains. The equipment and procedures used to make the vertical cut shall be approved by the Engineer. No skip cutting will be allowed.

Section 2-02.3(3) is supplemented with the following:

5. Removing sidewalks, curbs, and gutters shall be as shown in the Plans or as directed by the Engineer. Existing sidewalks, curbs, and gutters shall be removed in full panel sections and shall be removed or saw cut at expansion/contraction joints only.

(September 8, 1997 WSDOT GSP, Option 1)

The approximate thickness of the *** asphalt concrete *** pavement is *** between 3 to 10 inches ***.

2-02.4 Vacant

Section 2-02.4, including title, is deleted and replaced with the following:

2-02.4 Measurement

(September 8, 1997 WSDOT GSP, Option 2)

Pavement removal will be measured by the square yard.

Saw Cut Asphalt Concrete Pavement will be measured by the linear foot of saw cut actually completed.

Removing Cement Conc. Sidewalk will be measured by the square yard actually removed.

Removing Cement Conc. Curb and Gutter will be measured per linear foot of cement concrete curb and gutter actually removed.

Removing Cement Conc. Curb will be measured per linear foot of cement concrete curb actually removed.

Removing Tree will be measured per tree removed.

2-02.5 Payment

Section 2-02.5 is supplemented with the following:

“Saw Cut Asphalt Concrete Pavement”, per linear foot.

“Removing Asphalt Conc. Pavement”, per square yard.

“Removing Cement Conc. Pavement”, per square yard.

The unit Contract price per square yard for “Removing Asphalt Conc. Pavement” and “Removing Cement Conc. Pavement” shall be full payment for all costs, including sawcutting and for all incidentals required to complete the Work as shown in the Plans, and as specified in the Standard Specifications, these Special Provisions, or as directed by the Engineer.

“Removing Cement Conc. Sidewalk”, per square yard.

The unit Contract price per square yard for “Removing Cement Conc. Sidewalk” shall be full payment for all costs, including sawcutting at expansion/contraction joints and for all incidentals required to complete the Work as shown in the Plans, and as specified in the Standard Specifications, these Special Provisions, or as directed by the Engineer.

“Removing Cement Conc. Curb and Gutter”, per linear foot.

“Removing Cement Conc. Curb”, per linear foot.

The unit Contract price per linear foot for “Removing Cement Conc. Curb and Gutter” and “Removing Cement Conc. Curb” shall be full payment for all costs including saw cutting, removal and disposal of the material, and for all incidentals required to complete the Work as shown in the Plans, and as specified in the Standard Specifications, these Special Provisions, or as directed by the Engineer.

“Removing Tree”, per each.

The unit Contract price per each for “Removing Tree” shall be full payment for all costs, including removal and disposal of stumps, roots, and for all incidentals required to complete the Work as shown in the Plans, and as specified in the Standard Specifications, these Special Provisions, or as directed by the Engineer.

All costs to complete the Work as specified in the Rights of Consideration shall be included in the lump sum bid item “Removal of Structure and Obstruction”.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

Section 2-03.1 is supplemented with the following:

The Work shall also include the following:

- Excavation, haul, and placement of special borrow,
- Re-grading the existing approach to meet the new roadway pavement constructed for this project, as shown in the Plans or as directed by the Engineer. Approach is defined as a connection providing private vehicular access to and from the County Road system.

2-03.2 Vacant

Section 2-03.2, including title, is deleted and replaced with the following:

2-03.2 Materials

Special Borrow shall meet the requirements of Section 9-03.14(5) of these Special Provisions.

2-03.3 Construction Requirements

2-03.3(7) Disposal of Surplus Material

Section 2-03.3(7) is revised to read:

A waste site has not been provided by the Contracting Agency for the disposal of excess materials and construction debris. The Contractor shall be solely responsible for loading, hauling and the disposal of all surplus material and construction debris in a manner complying with all local, state and federal statutes and regulations.

2-03.3(13) Borrow

Section 2-03.3(13) is supplemented with the following:

The Contractor must provide the Engineer with written notice at least 24 hours before hauling and placing backfill materials from off-site locations. This notice is essential in scheduling inspection personnel and item quantity ticket takers. Failure by the Contractor to begin hauling and placing materials at the agreed time may result in a penalty equal to the standby cost incurred by the County. The penalty will be calculated and deducted from the item being hauled.

2-03.3(14) Embankment Construction

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

2-03.3(14)N Special Borrow Including Haul

Where shown in the Plans or as directed by the Engineer, the Contractor shall use Special Borrow Including Haul meeting the requirements of Section 9-03.14(5) of these Provisions to:

1. Build embankments.
2. Backfill excavation of unsuitable foundation materials.
3. Backfill trenches when select backfill material is required in accordance with Section 2-09 or Section 7-08.

Special Borrow shall be compacted according to Section 2-03.3(14)C, Method B and 2-03.3(14)D.

2-03.3(14)O Approach Excavation and Embankment Compaction

The Contractor shall grade each approach to the lines and grades established by the Engineer and as shown in the Plans. All fills shall be compacted in

accordance with Section 2-03.3(14)C, Method B. Excess material and debris shall be removed from the site by the Contractor.

2-03.4 Measurement

Section 2-03.4 is supplemented with the following:

Special Borrow including Haul will be measured by the ton. Measurement when used to build embankments and to backfill for unsuitable foundation materials will be to the actual limits ordered by the Engineer. When used in backfill of sewer trenches, measurement will be for material placed inside the limits defined in Section 2-09.4.

Computation of Excavation and Embankment Quantities

Only one determination of the original ground elevation will be made on this project. Measurement for Roadway Excavation Including Haul and Embankment Compaction will be based on the original ground elevation recorded previous to the award of this Contract minus a factor to account for the removal of organic material during clearing and grubbing. It is anticipated that depth of removal of organic material during clearing and grubbing for this project will vary and a factor of minus 6 inches will be used to determine ground elevation after clearing and grubbing. Control stakes will be set during construction to provide the Contractor with all essential information for the construction of excavation and embankments.

If discrepancies are discovered in the ground elevations which will materially affect the quantities of earthwork, the original computations of earthwork quantities will be adjusted accordingly.

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method or by the finite element analysis method utilizing digital terrain modeling techniques.

2-03.5 Payment

Section 2-03.5 is supplemented with the following:

“Special Borrow including Haul”, per ton.

The unit contract price per ton for Special Borrow including Haul shall be full compensation for all costs incurred for excavating, loading, hauling and placing the material.

Approach excavation and embankment compaction of approach subgrade shall be included in the unit Contract prices for “Roadway Excavation Including Haul” and “Embankment Compaction”.

All costs involved in the loading, hauling and the disposal of all surplus material and construction debris shall be included in the bid prices of the items shown on the proposal and no further payment will be made.

2-09 STRUCTURE EXCAVATION

2-09.3 Construction Requirements

2-09.3(1) General Requirements

2-09.3(1)A Staking, Cross-Sectioning, and Inspecting

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

At least 24 hours prior to commencing any excavation, the Contractor shall expose by pot-holing existing underground telephone cables, gas mains, sewer mains, water mains or any other underground utility shown in the Plans that crosses the location of the new structure to be installed under this contract. Excavation immediately adjacent to the existing utilities shall be by hand methods in compliance with Washington State requirements.

When directed by the Engineer, the Contractor shall expose by pot-holing crossings of new pipe and utilities not shown in the Plans.

2-09.3(1)C Removal of Unstable Base Material

Section 2-09.3(1)C is revised to read:

When the material at the bottom of an excavation is not stable enough to support the Structure, the Contractor shall excavate below grade and replace the unstable material with special borrow. The excavation shall be paid for as Unsuitable Foundation Excavation Incl. Haul per cubic yard in accordance with Section 2-03 of the Standard Specifications.

Special borrow shall meet the requirements of Section 9-03.14(5) of these Special Provisions. It shall be placed in layers not more than 6 inches thick with each layer compacted to 95 percent of the maximum density determined by the Compaction Control Test, Section 2-03.3(14)D.

2-09.4 Measurement

Paragraphs 1 through 9 of Section 2-09.4 are deleted and replaced with the following:

No measurement will be made for Structure Excavation Class B or Structure Excavation Class B including Haul. All costs for such excavation shall be

included in the unit contract price shown in the proposal for the item to be installed.

The second sentence in the eleventh paragraph of Section 2-09.4 is revised to read:

No specific unit of measurement shall apply to the lump sum item of shoring or extra excavation Class B.

The twelfth paragraph of Section 2-09.4 is deleted.

2-09.5 Payment

Delete the second and fourth paragraphs of Section 2-09.5 referencing "Structure Excavation Class B" and "Structure Excavation Class B including Haul" and supplement with the following:

All costs for Structure Excavation Class B or Structure Excavation Class B including Haul shall be included in the unit price for the item to be installed and no further payment will be made.

The first sentence in the sixth paragraph of Section 2-09.5 is revised to read:

If the Engineer orders the Contractor to excavate below the elevations shown in the Plans, the excavation shall be paid for as Unsuitable Foundation Excavation including Haul per cubic yard in accordance with Section 2-03 of the Standard Specifications.

The twelfth and thirteenth paragraphs of Section 2-09.5 are deleted and replaced with the following:

"Shoring or Extra Excavation Class B", lump sum.

The lump sum Contract price for Shoring or Extra Excavation Class B shall be full pay for all excavation, backfill, compaction and other Work required when extra excavation is used in lieu of constructing shoring. If select backfill is required for backfilling within the limits of the Structure Excavation, it shall also be required as backfill material for the extra excavation at the Contractor's expense.

END DIVISION 2

DIVISION 4 BASES

4-04 BALLAST AND CRUSHED SURFACING

4-04.3 Construction Requirements

4-04.3(7) Miscellaneous Requirements

Section 4-04.3(7) is supplemented with the following:

The Contractor must provide the Engineer with written notice at least 24 hours before hauling and placing surfacing materials from off-site locations. This notice is essential in scheduling inspection personnel and item quantity ticket takers. Failure by the Contractor to begin hauling and placing materials at the agreed time may result in a penalty equal to the standby cost incurred by the County. The penalty will be calculated and deducted from the item being hauled.

END DIVISION 4

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DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS

5-04 HOT MIX ASPHALT

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

5-04.1 Description

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

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

5-04.2 Materials

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5
Aggregates	9-03.8
Recycled Asphalt Pavement (RAP)	9-03.8(3)B, 9-03.21
Reclaimed Asphalt Shingles (RAS)	9-03.8(3)B, 9-03.21
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21

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

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

The Contractor may use up to 20 percent RAP by total weight of HMA with no additional sampling or testing of the RAP.

If the Contractor wishes to utilize High RAP/Any RAS, the design must be listed on the WSDOT Qualified Products List (QPL).

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

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

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

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

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

5-04.2(1)A Vacant

5-04.2(2) Mix Design - Obtaining Project Approval

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

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

Commercial evaluation will be used for Commercial HMA and for other classes of HMA in the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel, temporary pavement, and pavement repair. Other nonstructural applications of HMA accepted by commercial evaluation shall be as approved by the Project Engineer. Sampling and testing of HMA accepted by commercial evaluation will be at the option of the Project Engineer. The Proposal quantity of HMA that is accepted by commercial evaluation will be excluded from the quantities used in the determination of nonstatistical evaluation.

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

- The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or one of the mix design verification certifications listed below.

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

The mix design shall be performed by a lab accredited by a national authority such as Laboratory Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall supply evidence of participation in the AASHTO: resource proficiency sample program.

Mix designs for HMA accepted by Nonstatistical evaluation shall:

- Be designed for ***0.7*** million equivalent single axle loads (ESALs).
- Have the aggregate structure and asphalt binder content determined in accordance with WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-03.8(2), except that Hamburg testing for ruts and stripping are at the discretion of the Engineer, and 9-03.8(6).
- Have anti-strip requirements, if any, for the proposed mix design determined in accordance with AASHTO T 283 or T 324 or based on historic anti-strip and aggregate source compatibility from previous WSDOT lab testing.

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

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

For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and design level of ESALs appropriate for the required use.

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

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

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

5-04.3 Construction Requirements

5-04.3(1) Weather Limitations

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

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

Minimum Surface Temperature for Paving

Compacted Thickness (Feet)	Wearing Course	Other Courses
Less than 0.10	55°F	45°F
0.10 to .20	45°F	35°F
More than 0.20	35°F	35°F

5-04.3(2) Paving Under Traffic

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

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

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

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

All costs in connection with performing the Work in accordance with these requirements shall be included in the unit Contract prices for the various Bid items involved in the Contract.

5-04.3(3) Equipment

5-04.3(3)A Mixing Plant

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

1. **Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt binder shall be equipped to heat and hold the material at the required temperatures. The heating shall be accomplished by steam coils, electricity, or other approved means so that no flame shall be in contact with the storage tank. The circulating system for the asphalt binder shall be designed to ensure proper and continuous circulation during the operating period. A valve for the purpose of sampling the asphalt binder shall be placed in either the storage tank or in the supply line to the mixer.
2. **Thermometric Equipment** – An armored thermometer, capable of detecting temperature ranges expected in the HMA mix, shall be fixed in the asphalt binder feed line at a location near the charging valve at the mixer unit. The thermometer location shall be convenient and safe for access by Inspectors. The plant shall also be equipped with an approved dial-scale thermometer, a mercury actuated thermometer, an electric pyrometer, or another approved thermometric instrument placed at the discharge chute of the drier to automatically register or indicate the temperature of the heated aggregates. This device shall be in full view of the plant operator.
3. **Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed the maximum recommended by the asphalt binder manufacturer nor shall it be below the minimum temperature required to maintain the asphalt binder in a homogeneous state. The asphalt binder shall be heated in a manner that will avoid local variations in heating. The heating method shall provide a continuous supply of asphalt binder to the mixer at a uniform average temperature with no individual variations exceeding 25°F. Also, when a WMA additive is included in the asphalt binder, the temperature of the asphalt binder shall not exceed the maximum recommended by the manufacturer of the WMA additive.

4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall meet the requirements of Section 1-05.6 for the crushing and screening operation. The Contractor shall provide for the setup and operation of the field-testing facilities of the Contracting Agency as provided for in Section 3-01.2(2).
5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following methods:
 - a. A mechanical sampling device attached to the HMA plant.
 - b. Platforms or devices to enable sampling from the hauling vehicle without entering the hauling vehicle.

5-04.3(3)B Hauling Equipment

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

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

5-04.3(3)C Pavers

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

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

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

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

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

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

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

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

A Material Transfer Device/Vehicle (MTD/V) is required.

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

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

To be approved for use, an MTV:

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

To be approved for use, an MTD:

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

5-04.3(3)E Rollers

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

5-04.3(4) Preparation of Existing Paved Surfaces

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

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

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

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

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

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

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

5-04.3(4)A Crack Sealing

When the Proposal includes a pay item for crack sealing, seal cracks in accordance with Section 5-03.

5-04.3(4)B Vacant

5-04.3(4)C Pavement Repair

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

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

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

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

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

Aggregates and RAP shall be stockpiled according to the requirements of Section 3-02. Sufficient storage space shall be provided for each size of aggregate and RAP. Materials shall be removed from stockpile(s) in a manner to ensure minimal segregation when being moved to the HMA plant for processing into the final mixture. Different aggregate sizes shall be kept separated until they have been delivered to the HMA plant.

5-04.3(5)A Vacant

5-04.3(6) Mixing

After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping additives have been introduced into the mixer the HMA shall be

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

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

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

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

5-04.3(7) Spreading and Finishing

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

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

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

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

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

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

5-04.3(9) HMA Mixture Acceptance

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

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

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

The mix design will be the initial JMF for the class of HMA. The Contractor may request a change in the JMF. Any adjustments to the JMF will require the approval of the Engineer and may be made in accordance with this section.

HMA Tolerances and Adjustments

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

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

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

For Aggregates in the mixture:

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

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

- b. Second, adjust the preliminary upper and lower acceptance limits determined from step (a) the minimum amount necessary so that none of the aggregate properties are outside the control points in Section 9-03.8(6). The resulting values will be the upper and lower acceptance limits for aggregates, as well as the USL and LSL required in Section 1-06.2(2)D2.

2. Job Mix Formula Adjustments – An adjustment to the aggregate gradation or asphalt binder content of the JMF requires approval of the Engineer. Adjustments to the JMF will only be considered if the change produces material of equal or better quality and may require the development of a new mix design if the adjustment exceeds the amounts listed below.

- a. **Aggregates** –2 percent for the aggregate passing the 1½", 1", ¾", ½", ⅜", and the No. 4 sieves, 1 percent for aggregate passing the No. 8 sieve, and 0.5 percent for the aggregate passing the No. 200 sieve. The adjusted JMF shall be within the range of the control points in Section 9-03.8(6).
- b. **Asphalt Binder Content** – The Engineer may order or approve changes to asphalt binder content. The maximum adjustment from the approved mix design for the asphalt binder content shall be 0.3 percent.

5-04.3(9)A Vacant

5-04.3(9)B Vacant

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

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

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

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

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

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

5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling

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

Sampling and testing HMA in a structural application where quantities are less than 400 tons is at the discretion of the Engineer.

For HMA used in a structural application and with a total project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance test shall be performed. In all cases, a minimum of 3 samples will be obtained at the point of acceptance, a minimum of one of the three samples will be tested for conformance to the JMF:

- If the test results are found to be within specification requirements, additional testing will be at the Engineer's discretion.

- If test results are found not to be within specification requirements, additional testing of the remaining samples to determine a CPF shall be performed.

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

Testing of HMA for compliance of V_a will at the option of the Contracting Agency. If tested, compliance of V_a will use WSDOT SOP 731.

Testing for compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308.

Testing for compliance of gradation will be by FOP for WAQTC T 27/T 11.

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

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

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

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

5-04.3(9)C5 Vacant

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

For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be

determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The total job mix compliance price adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract price per ton of mix.

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

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

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

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

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

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

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

5-04.3(10) HMA Compaction Acceptance

HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for intersections, ramps, truck climbing, weaving, and speed change, and having a specified compacted course thickness greater than 0.10-

foot, shall be compacted to a specified level of relative density. The specified level of relative density shall be a CPF of not less than 0.75 when evaluated in accordance with Section 1-06.2, using a LSL of 92.0 (minimum of 92 percent of the maximum density). The maximum density shall be determined by WSDOT FOP for AASHTO T 729. The specified level of density attained will be determined by the evaluation of the density of the pavement. The density of the pavement shall be determined in accordance with WSDOT FOP for WAQTC TM 8, except that gauge correlation will be at the discretion of the Engineer, when using the nuclear density gauge and WSDOT SOP 736 when using cores to determine density.

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

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

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

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

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

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

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

Test Results

For a subplot that has been tested with a nuclear density gauge that did not meet the minimum of 92 percent of the reference maximum density in a compaction lot with a CPF below 1.00 and thus subject to a price reduction or rejection, the Contractor may request that a core be used for determination of the relative density of the subplot. The relative density of the core will replace the relative density determined by the nuclear density gauge for the subplot and will be used for calculation of the CPF and acceptance of HMA compaction lot.

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

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

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

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

5-04.3(10)B HMA Compaction - Cyclic Density

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

5-04.3(10)C Vacant

5-04.3(10)D HMA Nonstatistical Compaction

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

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

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

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

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

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

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

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

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

For each compaction lot with one or two sublots, having all sublots attain a relative density that is 92 percent of the reference maximum density the HMA shall be accepted at the unit Contract price with no further evaluation. When a subplot does not attain a relative density that is 92 percent of the reference maximum density, the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The maximum CPF shall be 1.00, however, lots with a calculated CPF in excess of 1.00 will be used to offset lots with CPF

values below 1.00 but greater than 0.90. Lots with CPF lower than 0.90 will be evaluated for compliance per 5-04.3(11). Additional testing by either a nuclear moisture-density gauge or cores will be completed as required to provide a minimum of three tests for evaluation.

For compaction below the required 92%, a Non-Conforming Compaction Factor (NCCF) will be determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of CPF, the quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of mix.

5-04.3(11) Reject Work

5-04.3(11)A Reject Work General

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

5-04.3(11)B Rejection by Contractor

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

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

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

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

addition of 25 percent of the unit Contract price added for the cost of removal and disposal.

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

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

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

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

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

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

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

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

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

5-04.3(12) Joints

5-04.3(12)A HMA Joints

5-04.3(12)A1 Transverse Joints

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

compacted mixture shall be cut back to produce a slightly beveled edge for the full thickness of the course.

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

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

5-04.3(12)A2 Longitudinal Joints

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

5-04.3(12)B Bridge Paving Joint Seals

Bridge Paving Joint Seals shall be in accordance with Section 5-03.

5-04.3(13) Surface Smoothness

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

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

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

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

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

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

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

5-04.3(14) Planing Bituminous Pavement

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

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

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

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

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

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

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

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

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

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

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

Should such metal be identified, promptly notify the Engineer.

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

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

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

5-04.3(14)B1 General

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

1. Intersections:

- a. Keep intersections open to traffic at all times, except when paving or planing operations through an intersection requires closure. Such closure must be kept to the minimum time required to place and compact the HMA mixture, or plane as appropriate. For paving, schedule such closure to individual lanes or portions thereof that allows the traffic

volumes and schedule of traffic volumes required in the approved traffic control plan. Schedule work so that adjacent intersections are not impacted at the same time and comply with the traffic control restrictions required by the Traffic Engineer. Each individual intersection closure or partial closure must be addressed in the traffic control plan, which must be submitted to and accepted by the Engineer, see Section 1-10.2(2).

- b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.
 - c. Should closure of the intersection in its entirety be necessary, and no trolley service is impacted, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.
 - d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
 - e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.
- 2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
 - 3. Permanent pavement marking must comply with Section 8-22.

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

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

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

When intersections will be partially or totally blocked, provide adequately sized and noticeable signage alerting traffic of closures to come, a minimum 2 Working Days in advance. The traffic control plan must show where police officers will be stationed when signalization is or may be, countermanded, and show areas where flaggers are proposed.

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

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

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

At least 2 Working Days before the first paving operation and the first planing operation, or as scheduled by the Engineer for future paving and planing operations to ensure the Contractor has adequately prepared for notifying and coordinating as required in the Contract, the Contractor must be prepared to

discuss that day's operations as they relate to other entities and to public safety and convenience, including driveway and business access, garbage truck operations, transit operations and working around energized overhead wires, school and nursing home and hospital and other accesses, other Contractors who may be operating in the area, pedestrian and bicycle traffic, and emergency services. The Contractor, and Subcontractors that may be part of that day's operations, must meet with the Engineer and discuss the proposed operation as it relates to the submitted planing plan and paving plan, approved traffic control plan, and public convenience and safety. Such discussion includes, but is not limited to:

1. General for both the Paving and Planing:
 - a. The actual times of starting and ending daily operations.
 - b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
 - c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, public convenience and safety, and other Contractors who may operate in the Project limits.
 - d. Notifications required of Contractor activities and coordinating with other entities and the public as necessary.
 - e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and paving.
 - f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed.
 - g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, streetcar rail, and castings, before planing as per Section 5-04.3(14)B2.
 - h. Description of how flaggers will be coordinated with the planing, paving, and related operations.
 - i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
 - j. Other items the Engineer deems necessary to address.
2. Paving – additional topics:
 - a. When to start applying tack and coordinating with paving.
 - b. Types of equipment and numbers of each type of equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of the personnel operating the types of

equipment. Discuss the continuance of operator personnel for each type of equipment as it relates to meeting Specification requirements.

- c. Number of JMFs to be placed, and if more than one JMF is used, how the Contractor will ensure different JMFs are distinguished, how pavers and how MTVs are distinguished, and how pavers and MTVs are cleaned so that one JMF does not adversely influence the other JMF.
- d. Description of contingency plans for that day's operations such as equipment breakdown, rain out, and supplier shutdown of operations.
- e. Number of sublots to be placed, sequencing of density testing, and other sampling and testing.

5-04.3(15) Sealing Pavement Surfaces

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

5-04.3(16) HMA Road Approaches

Construct HMA approaches at the locations shown in the Plans or where staked by the Engineer, in accordance with Section 5-04.

5-04.4 Measurement

HMA Cl. ½ inch PG 64-22 will be measured by the ton in accordance with Section 1-09.2, with no deduction being made for the weight of asphalt binder, mineral filler, or any other component of the mixture. If the Contractor elects to remove and replace mix as allowed by Section 5-04.3(11), the material removed will not be measured.

HMA Road Approach will be measured by square yard of finished surface.

Temporary pavement marking will not be measured. All costs for providing and removal of temporary pavement marking shall be included the unit contract price per ton for HMA Cl. ½ inch PG 64-22 shown in the proposal.

5-04.5 Payment

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

“HMA Cl. 1/2 IN. PG 58H-22”, per ton.

The unit Contract price per ton for “HMA Cl. 1/2 IN. PG 58H-22” shall be full compensation for all costs, including anti-stripping additive, incurred to carry out the requirements of Section 5-04 except for those costs included in other items which are included in this Subsection and which are included in the Proposal.

"HMA Road Approach", per square yard.

The unit contract price per square yard for "HMA Road Approach" shall be full compensation for all costs, including furnishing and placing Commercial HMA and Crushed Surfacing, labor, hauling, compaction and all other costs incurred to carry out the requirements of Section 5-04. Approach excavation and embankment compaction of approach subgrade will be paid for under "Roadway Excavation Including Haul" and "Embankment Compaction" in Section 2-03 of the Standards Specifications and these Special Provisions.

(January 13, 2021 WSDOT GSP, Option 2)

Asphalt Cost Price Adjustment

The Contracting Agency will make an Asphalt Cost Price Adjustment, either a credit or a payment, for qualifying changes in the reference cost of asphalt binder. The adjustment will be applied to partial payments made according to Section 1-09.9 for the following bid items when they are included in the proposal:

"HMA CI. ____ PG ____"

"HMA for Approach CI. ____ PG ____"

"HMA for Preleveling CI. ____ PG ____"

"HMA for Pavement Repair CI. ____ PG ____"

"Commercial HMA"

The adjustment is not a guarantee of full compensation for changes in the cost of asphalt binder. The Contracting Agency does not guarantee that asphalt binder will be available at the reference cost.

The Contracting Agency will establish asphalt binder reference costs twice each month and post the information on the Agency website at:

<https://wsdot.wa.gov/business-wsdot/how-do-business-us/public-works-contracts/payments-reporting/asphalt-binder-reference-cost>. The reference cost will be determined using posted prices furnished by Poten & Partners, Inc. If the selected price source ceases to be available for any reason, then the Contracting Agency will select a substitute price source to establish the reference cost.

Price adjustments will be calculated one time per month. No price adjustment will be made if the Current Reference Cost is within +/-5% of the Base Cost.

Reference costs for projects located in Eastern versus Western Washington shall be selected from the column in the WSDOT website table labeled "Eastern", or "Western", accordingly. The adjustment will be calculated as follows:

If the reference cost is greater than or equal to 105% of the base cost, then

Asphalt Cost Price Adjustment = (Current Reference Cost – (1.05 x Base Cost)) x (Q x 0.056).

If the reference cost is less than or equal to 95% of the base cost, then

Asphalt Cost Price Adjustment = (Current Reference Cost – (0.95 x Base Cost)) x (Q x 0.056).

Where: **Current Reference Cost** is selected from the website table based on the “Date Effective” that immediately precedes the current month’s progress estimate end date. For work completed after all authorized working days are used, the adjustment will be based on the posted reference cost during which contract time was exhausted.

Base Cost is selected from the website table based on the “Date Effective” that immediately precedes the contract bid opening date, and shall be a constant for all monthly adjustments.

Q = total tons of all classes of HMA paid in the current month’s progress payment.

“Asphalt Cost Price Adjustment”, by calculation.

“Asphalt Cost Price Adjustment” will be calculated and paid for as described in this section. For the purpose of providing a common proposal for all bidders, the Contracting Agency has entered an amount in the proposal to become a part of the total bid by the Contractor.

END OF DIVISION 5

DIVISION 6 STRUCTURES

6-03 STEEL STRUCTURES

6-03.1 Description

Section 6-03.1 is supplemented with the following:

This Work shall also consist of furnishing and installing pedestrian handrails in accordance with details shown in the Plans, Standards Specifications, and these Special Provisions.

6-03.4 Measurement

Section 6-03.4 is supplemented with the following:

Pedestrian handrail will be measured by the linear foot along the line and slope at the base of the completed handrail.

6-03.5 Payment

Section 6-03.5 is supplemented with the following:

“Pedestrian Handrail”, per linear foot.

The unit contract price per linear foot for “Pedestrian Handrail” shall be full pay to complete the Work as specified on the Plans, the Standard Specifications, and these Special Provisions.

END DIVISION 6

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DIVISION 7 DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATERMAINS AND CONDUITS

7-04 STORM SEWERS

7-04.2 Materials

Section 7-04.2 is supplemented with the following:

Gravel Backfill for Pipe Zone Bedding	9-03.12(3)
Ductile Iron Pipe	9-05.13 SP

7-04.3 Construction Requirements

7-04.3(1) Cleaning and Testing

Add the following new section:

7-04.3(1)G Television Inspection

Following the air testing, Contracting Agency reserves the right to inspect the pipe using a TV camera and measuring equipment. Contracting Agency will be responsible for this inspection. The costs incurred in making the initial inspection shall be borne by Contracting Agency. Contractor shall provide two weeks advance notice and allow up to five (5) days for this inspection to be made.

Any departure from that normally achieved with good construction practices such as pipeline misalignment (vertical or horizontal) will be deemed a deficiency. Pipe shall be excavated, the joint repaired, and the bedding and backfill re-compacted and replaced, as necessary. The maximum allowable pipe deflection will be five (5.0) percent (in either horizontal or vertical). The pipe's internal diameter will be based on the inside dimensions and reasonable tolerances obtained from the pipe manufacturer. Pipe that is misaligned or exceeds the allowable deflection shall be excavated and the bedding and backfill re-compacted and replaced as necessary. Contractor shall bear the cost of correcting such deficiencies as well as the costs of any TV inspections that are required to verify the deficiency has been corrected.

7-04.5 Payment

Section 7-04.5 is supplemented with the following:

“Ductile Iron Storm Sewer Pipe 12 In. Diam.”, per linear foot.

The twelfth paragraph in Section 7-04.5 is revised to read:

The unit Contract price per linear foot for storm sewer pipe of the kind and size specified shall be full pay for all Work to complete the installation, including but not limited to trench excavation, laying and jointing pipe and fittings, approved couplings and adaptors, import and placement of backfill within and above the pipe zone, compaction, adjustment of inverts to manholes, and cleanup as shown in the Plans.

7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.1 Description

Section 7-05.1 is supplemented with the following:

This Work also consists of:

- Furnishing and installing bolt down and locking type lids on catch basins, manholes, and inlets,
- Connecting catch basin to existing pipe.

7-05.2 Materials

Section 7-05.2 is supplemented with the following:

Catch basins, manholes, and inlets shall have bolt down and locking type lids with the words "KITSAP COUNTY" cast into the top surface, as shown on the Plans. The existing lids removed by the Contractor shall remain the property of the Owner and be delivered upon installation of the new locking lid.

7-05.3 Construction Requirements

7-05.3(1) Adjusting Manholes and Catch Basins to Grade

Section 7-05.3(1) is deleted and replaced with the following:

Where shown in the Plans or where directed by the Engineer, the lids for existing manholes, catch basins, or inlets, shall be removed and replaced with a bolt down and locking type lids with the words "KITSAP COUNTY" cast into the top surface and adjusted to the grade as staked, or otherwise designated by the Engineer.

The materials and method of construction shall conform to the requirements of the Standard Plans, except as approved by the Engineer.

Add the following new subsections:

7-05.3(5) Connection to Existing Catch Basins and Storm Lines

The locations, type, and size of the existing catch basins and storm lines have been determined from available records, and are approximate; however, it is anticipated that connections to these existing facilities may be made, in general, as shown on the Plans.

It shall be the responsibility of the Contractor to determine the exact location and ascertain the type and size of the existing facilities prior to starting work on each connection, and to provide any alterations, as required at no additional cost to the Contracting Agency.

When existing pipe connections are removed on an existing catch basin, the Contractor shall seal the existing opening with concrete and/or watertight grout. No payment will be made for sealing existing openings in existing catch basins. All work associated with sealing existing pipe openings shall be incidental to other bid items included in the Contract.

7-05.4 Measurement

Section 7-05.4 is supplemented with the following:

Connect catch basin to existing pipe shall be measured per each connection made.

No specific unit of measurement shall apply to the lump sum item of City of Bremerton Type "B" Right-of-Way Use Permit.

No measurement will be made for structure excavation, foundation material, native material, backfill, or bedding material and shall be incidental to the structure that is being installed.

7-05.5 Payment

Section 7-05.5 is supplemented with the following:

"Connect Catch Basin to Existing Pipe", per each.

The unit Contract price per each for "Connect Catch Basin to Existing Pipe" shall be full payment for all costs to complete the connection to the existing City of Bremerton pipe as shown on the Plans.

“City of Bremerton Type “B” Right-of-Way Use Permit”, per lump sum.

The lump sum Contract price for “City of Bremerton Type “B” Right-of-Way Use Permit” shall be full payment to obtain the required permit, all associated fees and necessary submittals, including but not limited to the certificate of insurance, a construction cost estimate, performance bond or cash deposit, warranty deposit, traffic control plan and other requirements as specified in the City of Bremerton permit webpage: <https://ci-bremerton-wa.smartgovcommunity.com/Public/DocumentsView/Download/d3284c45-7375-46e2-8b05-aaf500f70897>. The Contracting Agency will provide the site plan.

Payment for structure excavation, foundation material, native material, backfill, or bedding material shall be included in the unit Contract prices for the structures that are being installed.

All costs associated with furnishing and installing bolt down, locking type manhole and catch basin grates and covers with the words “KITSAP COUNTY” cast into the top surface shall be included in the unit Contract price for the item installed or adjusted.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.3 Construction Requirements

7-08.3(1) Excavation and Preparation of Trenches

Section 7-08.3(1) is supplemented with the following:

Pot-hole Existing Utility

At least 24 hours prior to commencing installation of any pipe, the Contractor shall expose by pot-holing existing underground telephone cables, gas mains, sewer mains or services, water mains or services or any other underground utility shown in the Plans that crosses the route of any new pipe to be installed under this Contract. Excavation immediately adjacent to the existing utilities shall be by hand methods in compliance with Washington State requirements.

When directed by the Engineer, the Contractor shall expose by pot-holing crossings of new pipe and utilities not shown in the Plans.

7-08.4 Measurement

The third paragraph in Section 7-08.4 is deleted and replaced with the following:

Structure Excavation Class B and Structure Excavation Class B Including Haul will not be measured as specified in Section 2-09.4 of these Special Provisions.

The last paragraph in Section 7-08.4 is revised to read:

Shoring or extra excavation class B will be measured as specified in Section 2-09.4 of these Special Provisions.

Section 7-08.4 is supplemented with the following:

Pot-holing of existing utilities shown in the Plans crossing the route of new pipe shall be incidental to the item being installed. All costs for such work shall be included in the unit contract price shown on the proposal for the item to be installed and no further payment will be made.

Pot-holing of utilities not shown in the Plans as crossing the route of the new pipe will be measure by force account in accordance with Sections 1-09.6.

7-08.5 Payment

The fifth and sixth paragraphs of Section 7-08.5 are deleted.

Section 7-08.5 is supplemented with the following:

“Force Account Pot-hole Utility Crossing”, per force account.

Payment will be made for the bid item “Force Account Pot-hole Utility Crossing”, per force account, as provided in Section 1-09.6 for exposing any utility crossing the new pipe or drainage structure that is not shown in the Plans. To provide a common proposal for all Bidders, the Contracting Agency has entered an amount in the Proposal to become a part of the Contractor’s total bid.

No payment will be made for pot-holing of existing utilities shown in the Plans as crossing the route of the new pipe.

7-10 VACANT

Section 7-10, including title, is deleted and replaced with the following:

7-10 TRENCH DRAIN

7-10.1 Description

This Work shall consist of furnishing and installing pre-sloped trench drains and PVC drains and outfalls in accordance with the Plans, Special Provisions and the Standard Specifications.

7-10.2 Materials

Cement	9-01
Aggregates	9-03
Expansion Joints	9-04
Polyvinyl Chloride (PVC) Drain Pipe, Couplings and Fittings	9-05.1(5)
Trench Drain System	SP 9-05.30

7-10.3 Construction Requirements

The trench drain system shall be installed per manufacturer's recommendations. The trench drain shall be installed so there is a minimum of 0.65% consistent slope downhill in the channel without flat sections.

The trench drain system shall not be cut but installed in the pre-built factory lengths available in 2 or 4 -foot increments, or other factory available length.

The concrete in the collar shall be constructed with air entrained concrete Class 4000 conforming to the requirements of Section 6-02.

7-10.4 Measurement

6-inch Trench Drain System will be measured by linear feet of complete trench drain system installed and finished. The measurement will be done in increments of the pre-built trench drain units.

4-inch PVC pipe will be measured by the linear feet of pipe installed.

7-10.5 Payment

"6-inch Trench Drain System", per linear foot.

The unit Contract price per linear foot for "6-inch Trench Drain System" shall be full payment for all costs to complete the Work as specified, including excavation, saw cutting full depth, removal and disposal of the existing asphalt or concrete, provide, place and compact the crushed surfacing or hot mix asphalt, furnishing and placing the cement concrete collar, furnishing and placing the trench drain system, connecting to existing pipe, and for all incidentals to complete the Work as shown in the Plans, and as specified in these Special Provisions, or as directed by the Engineer.

“4-inch PVC Pipe”, per linear foot.

The unit Contract price per linear foot for “4-inch PVC Pipe” shall be full payment for all costs, including furnishing and installing the pipe, excavation, haul, fittings, bedding, splash pad, and for all incidentals required to complete the Work as shown in the Plans, and as specified in these Special Provisions, or as directed by the Engineer.

7-12 VALVES FOR WATER MAINS

7-12.1 Description

Section 7-12.1 is supplemented with the following:

This work shall include the adjustment of water valve cases and covers to the finished pavement grades.

7.12.3 Construction Requirements

Section 7-12.3 is supplemented with the following:

The work shall include providing and installing or removing valve box extensions that may be required to adjust the cover to the finished grade.

7-12.4 Measurement

The fourth paragraph in Section 7-12.4 is revised to read:

Adjust Valve Box will be measured per each adjusted box.

7-12.5 Payment

Section 7-12.5 is supplemented with the following:

“Adjust Valve Box”, per each.

The unit Contract price per each for “Adjust Valve Box” shall be full pay for work necessary to complete the box adjustment and shall include the provision and installation of any extensions required and the restoration of adjacent areas in a manner acceptable to the Engineer.

7-17 SANITARY SEWER

7-17.1 Description

Section 7-17.1 is supplemented with the following:

This Work shall also include the adjustment of sewer cleanout cases and covers to the finished pavement grades.

7.17.3 Construction Requirements

Section 7-17.3 is supplemented with the following:

Where shown in the Plans or where directed by the Engineer, the existing sewer cleanout shall be adjusted to the grade as staked or otherwise designated by the Engineer.

The existing sewer cleanout shall be raised or lowered to the required elevation. The materials and method of construction shall conform to the requirements specified in Standard Specification Section 7-05.

7-17.4 Measurement

The fourth paragraph in Section 7-17.4 is revised to read:

Adjust sewer cleanout will be measured per each adjusted valve.

7-17.5 Payment

Section 7-17.5 is supplemented with the following:

“Adjust Sewer Cleanout”, per each.

The unit Contract price per each for “Adjust Sewer Cleanout” shall be full pay for all costs necessary to make the adjustment including restoration of adjacent areas in a manner acceptable to the Engineer.

END DIVISION 7

DIVISION 8 MISCELLANEOUS CONSTRUCTION

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.1 Description

Section 8-01.1 is supplemented with the following:

This work shall include the preparation and implementation of a Temporary Erosion and Sedimentation Control (TESC) Plan by the Contractor for this contract.

8-01.3 Construction Requirements

8-01.3(1)A Submittals

8-01.3(1)A1 Temporary Erosion and Control Plan

Section 8-01.3(1)A1 is revised to read:

The Contractor shall prepare a temporary erosion and sedimentation control (TESC) Plan for the contract and shall submit this TESC Plan to the Engineer 5 days prior to the preconstruction conference.

A TESC Plan consists of a narrative section and plan sheets that meets Ecology's Stormwater Pollution Prevention Plan (SWPPP) requirement in the CSWGP. When the Contracting Agency has developed a TESC Plan for a Contract the narrative is included in the appendix to the Special Provisions and the TESC plan sheets are included in the Contract Plans. The Contracting Agency TESC plan will not include off-site areas used to directly support construction activity.

A Stormwater Pollution Prevention Plan (SWPPP) shall be prepared by the Contractor and submitted for approval by the Engineer. The plan shall consist of the Contractor's complete strategy to meet the requirements of the CSWGP. The SWPPP shall include and modify as necessary the TESC Plan drawings if provided as part of the Contract Plans. The Contractor shall prepare, review and modify the SWPPP as necessary to be consistent with the actual work schedule, sequencing, and construction methods that will be used on the project.

The SWPPP shall document all the erosion and sediment control Best Management Practices (BMPs) proposed, whether permanent or temporary. The plan shall document installation procedures, materials, scheduling, and maintenance procedures for each erosion and sediment control BMP. The Contractor shall submit the SWPPP for the Engineer's approval before any work begins. The Contractor shall allow at least five working days for the Engineer's

review of the initial SWPPP or any revisions to the modified SWPPP. Failure to approve all or part of any such plan shall not make the Contracting Agency liable to the Contractor for any work delays. The Contractor may not begin work without an approved Contractor's SWPPP.

Contractor TESC Plans shall include all high visibility fence delineation shown on the Contracting Agency Contract Plans. All TESC Plans shall meet the requirements of the current edition of the WSDOT Temporary Erosion and Sediment Control Manual M 3109 and be adapted as needed throughout construction based on site inspections and discharge samples to maintain compliance with the CSWGP. The Contractor shall develop a schedule for implementation of the TESC work and incorporate it into the Contractor's progress schedule.

The Contractor shall submit their TESC Plan and implementation schedule as Type 2 Working Drawings. At the request of the Engineer, updated TESC Plans shall be submitted as Type 1 Working Drawings.

8-02 ROADSIDE RESTORATION

8-02.3 Construction Requirements

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

8-02.3(9)B Seeding and Fertilizing

Section 8-2.3(9)B is supplemented with the following:

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

Kind and Variety of Seed in Mixture	% By Weight	Minimum % Pure Seed	Minimum % Germination
Chewing Fescue	40	39.2	90
Colonial Bentgrass (Var.Astoria)	10	9.8	85
Perennial Rye	40	39.2	90
White Dutch Clover	10	9.8	90
Weed Seed		0.5 % maximum	
Inert and Other Crop		1.5 % maximum	
TOTAL		100.00 %	

8-02.3(11) Mulch

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

Mulch for Erosion Control Seeding:

Mulch shall be Short Term Mulch applied at a rate of 2500 pounds per acre.

8-04 CURBS, GUTTERS AND SPILLWAYS

8-04.1 Description

Supplement this section with the following:

This work shall also consist of constructing a modified traffic curb, rolled curb, and curb transitions as shown in the Plans or as directed by the Engineer in accordance with the Standard Specifications, these Special Provisions, and in conformity to the lines and grades as staked.

8-04.4 Measurement

Supplement this section with the following:

Cement concrete rolled curb will be measured per linear foot along the line and slope of the completed curb.

Cement concrete curb and rolled curb transitions will be measured per each installed.

8-04.5 Payment

Supplement this section with the following:

“Cement Conc. Rolled Curb”, per linear foot.

The unit Contract price per linear foot for “Cement Conc. Rolled Curb” shall be full payment for all costs for the specified Work as shown on the Plans.

“Cement Conc. Curb Transition”, per each.

“Cement Conc. Rolled Curb Transition”, per each.

The unit Contract price per each for “Cement Conc. Curb Transition” and “Cement Conc. Rolled Curb Transition” shall be full payment for all costs for the specified Work as shown on the Plans.

8-06 CEMENT CONCRETE DRIVEWAY ENTRANCES

8-06.1 Description

The first sentence of Section 8-06.1 is revised to read:

This Work shall consist of constructing the types of cement concrete driveway entrances shown in the Plans, in accordance with the Standard Specifications, these Special Provisions, and the Kitsap County Road Standards.

8-06.3 Construction Requirements

Delete the first sentence of the first paragraph and replace with the following:

Cement concrete driveway approaches shall be constructed with air entrained concrete Class 4000 3-Day mix conforming to the requirements of Section 6-02 or Portland Cement or Blended Hydraulic Cement Concrete Pavement conforming to the requirements of Section 5-05 of the Standard Specifications.

Delete the first sentence of the third paragraph and replace with the following:

Unless a property has two or more approaches located within property lines, driveway entrances shall be constructed in two or more segments to permit access to the property.

Section 8-06.3 is supplemented with the following:

The Contractor shall provide driveway access at all times unless approved by the Engineer. The Contractor shall use steel plates to bridge entrances or construct driveways in passable sections. The walking surface for steel plates within pedestrian pathways shall be painted with either a non-slip paint, anti-slip tape, or rolled roofing. The transverse edges shall be beveled at 2:1 with a maximum 1/4" vertical lip.

8-06.4 Measurement

Section 8-06.4 is supplemented with the following:

Commercial Conc. Driveway, 3-Day Mix will be measured by the square yard from the back of curb to the Cement Conc. Road Approach.

Commercial Conc. Road Approach, 3-Day Mix will be measured by the square yard of finished surface from the back of Commercial Conc. Driveway to the limits of construction as shown on the Plans or as directed by the Engineer.

8-06.5 Payment

Section 8-06.5 is supplemented with the following:

“Commercial Conc. Driveway, 3-Day Mix”, per square yard

The unit Contract price per square yard for “Commercial Conc. Driveway, 3-Day Mix” shall be full payment for all costs for the specified Work as shown in the Plans, as specified in the Standard Specifications, these Special Provisions, or as directed by the Engineer. All costs in constructing the driveway entrance in segments and installing and removing the temporary approach shall be included.

"Commercial Conc. Road Approach, 3-Day Mix", per square yard.

The unit contract price per square yard for "Commercial Conc. Road Approach, 3-Day Mix" shall be full compensation for all costs, including furnishing and placing Commercial Concrete and Crushed Surfacing, labor, hauling, compaction and all other costs incurred to carry out the requirements of Section 5-05 and 6-02. Approach excavation and embankment compaction of subgrade will be paid for under “Roadway Excavation Including Haul” and “Embankment Compaction” in Section 2-03 of the Standards Specifications and these Special Provisions.

8-12 CHAIN LINK AND WIRE FENCE

8-12.2 Materials

Section 8-12.2 is supplemented with the following:

Coated Chain Link Fence

Chain link fence fabric shall be hot-dip galvanized with a minimum of 0.8 ounce per square foot of surface area.

Fencing materials shall be coated with an ultraviolet-insensitive plastic or other inert material at least 2 mils in thickness. Any pretreatment or coating shall be applied in accordance with the manufacturer's written instructions. The Contractor shall provide the Engineer with the manufacturer's written specifications detailing the product and method of fabrication. The color shall be black matching Federal Standard 595 color number 17038, or be as approved by the Engineer.

Samples of the coated fencing materials shall be approved by the Engineer prior to installation on the project.

The Contractor shall supply the Engineer with 10 aerosol spray cans containing a minimum of 14 ounces each of paint of the color specified above. The touch-up paint shall be compatible with the coating system used.

Top rails and brace rails shall be open rectangular sections with internal flanges as shown in ASTM F1043.

8-12.3 Construction Requirements

Section 8-12.3 is supplemented with the following:

It will be the responsibility of the contractor to provide all posts of sufficient length to accommodate the ornamental tops adapted to receive the top rail.

All posts shall be fitted with an approved top cap designed to fit securely over the post to support the top rail.

Top rails shall pass through the ornamental tops of the line posts, forming a continuous brace from end to end of each stretch of fence. Lengths of tubular top rail shall be joined by sleeve couplings. Top rails shall be securely fastened to terminal posts by pressing steel fittings or other appropriate means.

8-12.4 Measurement

Section 8-12.4 is supplemented with the following:

Chain link fence and coated chain link fence with top rail will be measured by the linear foot of completed fence, along the ground line, exclusive of openings.

Payment for clearing along the fence line shall be in accordance with Section 2-01.5 of the Standard Specifications and these Special Provisions.

8-12.5 Payment

Section 8-12.5 is supplemented with the following:

“Chain Link Fence Type ____ with Top Rail”, per linear foot.

“Coated Chain Link Fence Type 6 with Top Rail”, per linear foot.

The unit Contract price per linear foot for “Chain Link Fence Type ____ with Top Rail” and “Coated Chain Link Fence Type 6 with Top Rail” shall be full payment for all costs for the specified Work including brace post installation and all other requirements of Section 8-12 of the Standard Specifications and these Special Provisions for Chain Link Fence, unless covered in a separate Bid Item in this section.

Payment for clearing along the fence line shall be in accordance with Section 2-01.5 of the Standard Specifications and these Special Provisions.

8-13 MONUMENT CASES

8-13.1 Description

Section 8-13.1 is revised to read:

This Work consists of placing monuments, cases, and covers and adjusting existing monument cases and covers, in accordance with the Kitsap County Road Standards, the Standard Plans, the Standard Specifications, these Special Provisions, and in conformity with the lines and locations shown in the Plans or as staked.

The Contracting Agency will be responsible for furnishing the monuments, cases and covers, obtaining the required permits, surveying, and recording requirements for removed, adjusted and replaced monuments.

8-13.3 Construction Requirements

Section 18-3.3 is supplemented with the following:

The Contractor, prior to beginning paving and planing operations shall coordinate with the Contracting Agency to reference all monuments within the project limits in advance of construction. The Contractor shall carefully protect all reference points to the monuments until such time the monuments can be verified as not to have been disturbed or have been reset.

If existing monuments are to be disturbed by the Contractor in the process of planing or paving, the Contractor shall coordinate with the Contracting Agency to perpetuate and document existing monuments in compliance with the Application for Permit to Remove or Destroy a Survey monument (WAC 332-120). The disturbed monuments will be reset by the Contractor as directed by the Contracting Agency. All associated costs will be borne solely by the Contractor.

The Contractor shall coordinate the delivery of the monument, case, and cover and request monument location with the Contracting Agency. Once the casing locations have been identified in the field, the Contractor shall core drill, excavate and set the casing centered and plumb as shown in Figure 8-1 in the Kitsap County Road Standards or as directed by the Contracting Agency.

The Contracting Agency will be responsible for punching the monument. The Contractor shall be responsible for providing traffic control during the work.

8-13.4 Measurement

The first paragraph of Section 8-13.4 is revised to read:

Measurement of monument case and cover will be by the unit for each monument, case, and cover set.

8-13.5 Payment

Section 8-13.5 is supplemented with the following:

“Monument Case and Cover”, per each.

The unit Contract price per each for “Monument Case and Cover” shall be full payment for all labor, tools, and equipment, necessary or incidental to coordinate with and install furnished monument, case, and cover. Work elements may include, but shall not be limited to, asphalt removal, excavation, asphalt collar, and all coordination necessary with the Contracting Agency to reference and protect existing monuments and locate monument casing.

8-14 CEMENT CONCRETE SIDEWALKS

8-14.1 Description

Section 8-14.1 is supplemented with the following:

This Work shall also consist of constructing cement concrete steps in accordance with details shown in the Plans, Standards Specifications, these Special Provisions, and in conformity to lines and grades shown in the Plans or as established by the Engineer.

8-14.3 Construction Requirements

Section 8-14.3 is supplemented with the following:

The cement concrete steps shall be air entrained concrete Class 3000 in accordance with the requirements of Section 6-02.

The Contractor shall construct cement concrete steps as shown in the Plans with the stair width, height and depth. Reinforcing steel shall be placed where shown in the Plans.

8-14.3(3) Placing and Finishing Concrete

The first sentence in the second paragraph in Section 8-14.3(3) is replaced with the following:

After troweling and before installing the contraction joints or perimeter edging, the walking surfaces of the sidewalk, steps, and curb ramps shall be brushed with a stiff bristled broom.

8-14.3(4) Curing

The first sentence in Section 8-14.3(3) is replaced with the following:

Concrete sidewalks and steps shall be cured for at least 72 hours.

8-14.4 Measurement

Section 8-14.4 is supplemented with the following:

Cement concrete steps will be measured by the square yard of finished surface.

8-14.5 Payment

Section 8-14.5 is supplemented with the following:

“Cement Conc. Steps”, per square yard.

The unit Contract price per square yard for “Cement Conc. Steps” shall be full pay for construction of the steps as specified in the Plans, Standards Specifications, and these Special Provisions.

The sixth paragraph in Section 8-14.5 is revised to read:

Payment for excavation of material not related to the construction of the sidewalk or the steps but necessary before the sidewalk or steps can be placed, when and if shown in the Plans, will be made in accordance with the provisions of Section 2-03. Otherwise, the Contractor shall make all excavations including haul and disposal, regardless of the depth required for constructing the sidewalk, steps, and curb ramps to the lines and grades shown and shall include all costs thereof in the unit Contract price per square yard for “Cement Conc. Sidewalk”, “Cement Conc. Sidewalk with Raised Edge”, “Monolithic Cement Conc. Curb and Sidewalk”, “Cement Conc. Steps”, or the unit contract price per each for “Cement Conc. Curb Ramp Type___”.

8-18 MAILBOX SUPPORT

8-18.1 Description

Section 8-18.1 is supplemented with the following:

The Work also includes furnishing and installing a new mailbox in permanent locations as shown in the Plans or as directed by the Engineer.

8-18.2 Materials

Supplement this section with the following:

Mailboxes to be furnished by Contractor shall be as shown on the Plans or as directed by the Engineer.

8-18.4 Measurement

Supplement this section with the following:

Mailbox will be measured by the unit furnished and installed.

8-18.5 Payment

Supplement this section with the following:

"Mailbox", per each.

Removal and disposal of existing mailboxes shall be considered incidental to the cost of the mailbox and shall be included in the unit Contract price for the mailbox.

8-23 TEMPORARY PAVEMENT MARKINGS

8-23.4 Measurement

Section 8-23.4 is revised to read:

Installation, removal, and reconfiguration of temporary pavement markings as needed to maintain traffic and inform the traveling public shall be considered essential to the project and shall not be measured for payment.

8-24 ROCK AND GRAVITY BLOCK WALL AND GABION CRIBBING

8-24.1 Description

Section 8-24.1 is supplemented with the following:

This Work shall consist of furnishing and installing precast gravity block walls in accordance with the Plans, Special Provisions and the Standard Specifications.

8-24.2 Materials

Section 8-24.2 is supplemented with the following:

Crushed Surfacing	9-03.9(3)
Gravel Backfill for Walls	9-03.12(2)
Gravel Backfill for Drains	9-03.12(4)
Woven Geotextile for Separation	9-33.2(1), Table 3

Precast block walls shall be a standard grey ledgerstone face finish as manufactured by Redi-Rock, Keystone, ReCon, or approved equal by the Engineer.

8-24.3 Construction Requirements

Section 8-24.3 is supplemented with the following:

The block walls shall be installed in accordance with the block manufacturer's specifications and recommendations.

Contractor shall submit one (1) electronic copy of working drawings and design calculations for the gravity block wall sealed by a Professional Engineer registered in the State of Washington for review and written concurrence by the Engineer. The Engineer will have 10 calendar days for plan review.

8-24.4 Measurement

Section 8-24.4 is supplemented with the following:

Concrete leveling pad will be measured in place by the cubic yard to the neat lines of the pad as shown in the Plans.

8-24.5 Payment

Section 8-24.5 is supplemented with the following:

“Gravity Block Wall”, per square foot.

The unit Contract price per square foot for “Gravity Block Wall” shall be full compensation for all equipment, labor, and materials required including but not limited to CSBC leveling pad or concrete leveling pad, gravel backfill for walls, 6” perforated PVC underdrain pipe including fittings and connections, cleanout, woven geotextile, structural excavation, disposal of excavated materials, and precast blocks, including top cap block.

8-27 VACANT

Section 8-27, including title, is deleted and replaced with the following:

8-27 FIELD OFFICE BUILDING

8-27.1 Description

This work shall consist of furnishing and setting-up a temporary office building for the sole use of the Contracting Agency.

8-27.3 Construction Requirements

The Contractor shall provide a field office on or adjacent to the Project Site for the use of the Engineer’s staff within five (5) Calendar Days from the Notice to Proceed Date. The field office, its location, and an alternate date if necessary, shall be subject to the approval of the Engineer and shall be established at the pre-construction meeting.

The building shall be weather-tight, installed plumb and level, and provided with the following as a minimum:

1. 120 square feet of floor space
2. Above ground floor
3. Heat and Airconditioning
4. Electric lights
5. Adequate windows
6. Plan table: 3 feet 6 inches deep by 6 feet wide by 3 feet 3 inches high
7. Drafting stool
8. Four chairs
9. Cylinder door lock and six keys
10. Sanitary facilities (unless existing facilities are available)
11. Internet connection with Wifi router

The building shall remain the property of the Contractor and removed from the site upon physical completion of the contract, or when designated by the Engineer.

8-27.5 Payment

Payment will be made for the following bid item when included in the proposal:

"Field Office Building", lump sum.

The lump sum contract price for "Field Office Building" shall be full pay for furnishing, installing, maintaining, and removing the facility, including all costs associated with all required utility hook-ups and disconnects, and monthly utility charges for all utilities except telephone.

The monthly telephone costs will be paid by the Contracting Agency.

8-28 VACANT

Section 8-27, including title, is deleted and replaced with the following:

8-28 BIORETENTION FACILITY

8-28.1 Description

This work shall include excavating, furnishing, and constructing of the bioretention facility in accordance with the Plans, Standards Specifications, and these Special Provisions, in conformity with the lines and grades staked.

1. Excavation to subgrade including scarifying the soil to a minimum depth to allow the placement of the bioretention soil media and gravel backfill for drains to the finished grades,
2. Supply, placement, construction of:
 - a. Gravel backfill for drains,
 - b. Hand placed riprap,
 - c. Geotextile for separation,
 - d. Beehive grate,
 - e. Bioretention soil media, including grading, scarifying, mixing, tilling, and compaction necessary to prepare the bioretention,
 - f. Berm embankment
 - g. Underdrain system with cleanout
3. Protection of the bioretention facility from siltation and sediments from runoff during construction and until the project site is stabilized.

8-28.2 Materials

Gravel Backfill for Drains	9-03.12(4)
Streambed Cobbles	9-03.11(4)
End Cap with Orifice	9-05.1(5)
Cleanout	9-05.1(5)
Perforated PVC Underdrain Pipe	9-05.2(6)
Bioretention Soil Media	9-14.9 Special Provision
Geotextile for Separation (Woven)	9-33.2(1), Table 3

Beehive Grate for Catch Basin shall conform to the detail shown in the Plans.

Berm embankment materials shall conform to the detail shown in the Plans and as specified in Section 4.2.1 Bioretention Pond Embankment Construction in the Final Geotechnical Engineering Report for Perry – Stone to Sheridan Non-Motorized Improvements, Project No. AS210516-F, March 17, 2025.

8-28.3 Construction Requirements

8-28.3(1) Responsibility during Construction

Bioretention Excavation Requirements

Excavation of the bioretention to final configuration shall not begin until exposed areas contributing stormwater to the bioretention have been stabilized or flow temporarily diverted away from bioretention.

The bioretention soil media shall be protected from all additional moisture at the supplier, during transport and at the work site until it is placed in the bioretention area. Soil placement and compaction will not be allowed when the ground is saturated or frozen, or when the weather is too wet, as determined by the Engineer.

Placement of the bioretention soil media shall occur as soon as practical following the excavation of the bioretention. No heavy equipment shall be used or stored within the limits of the bioretention. The native soils within the bioretention footprint shall not be compacted.

Any debris or sediment which has entered the bioretention shall be removed prior to placing the bioretention soil media.

Scarify the bottom and sides subgrade soil (to the water line) a minimum of 3-inches deep where slopes allow.

The soil mix shall be placed in loose lifts and lightly compacted in 6-inch lifts utilizing hand rollers or other methods approved by the Engineer.

Berm Embankment Construction

Berm embankment construction shall meet the requirements as specified in Section 4.2.1 Bioretention Pond Embankment Construction in the Final Geotechnical Engineering Report for Perry – Stone to Sheridan Non-Motorized Improvements, Project No. AS210516-F, March 17, 2025.

8-28.3(2) Bioretention Soil Media

8-28.3(2)A Submittals

At least 10 Working Days prior to placement of the bioretention soil media, the Contractor shall submit to the Engineer the following in accordance with Section 1-05.3 of these Special Provisions:

1. Grain size analysis results of the Mineral Aggregate for the Bioretention Soil Media as specified in Section 9-14.9 of these Special Provisions performed by an independent laboratory in accordance with ASTM D 422, Standard Test Method for Particle Size Analysis of Soils.
2. All Quality analysis results for the fine compost for the bioretention soil media as specified in Section 9-14.5(8) of the Standard Specifications.

Carbon to nitrogen ratio (TMECC 05.02A “Carbon to Nitrogen Ratio” which uses 04.01 “Organic Carbon” and 04.02D “Total Nitrogen by Oxidation”) of less than 25:1. The C:N ratio may be up to 35:1 for plantings composed entirely of Puget Sound Lowland native species.

3. The Contractor shall provide a list of sources by percentage in the final compost product. The compost product must originate a minimum of 65 percent by volume from recycled plant waste comprised of “yard debris,” “crop residues,” and “bulking agents” as those terms are defined in WAC 173-350-100. A maximum of 35 percent by volume of “post-consumer food waste” as defined in WAC 173-350-100, but not including biosolids or manure, may be substituted for recycled plant waste.
4. The following information:
 - a. The Manufacturer’s Certificate(s) of Compliance, as specified in Section 1-06.3 of the Standards Specifications, accompanying the test results from the Supplier of the Bioretention Media, and/or (if different) the Suppliers of the mineral aggregate and compost components, including their name(s) and address(es);
 - b. A description of the equipment and methods to mix the mineral aggregate and compost to produce the bioretention soil media;

- c. The ratio of mineral aggregate to fine compost mix used in the bioretention soil media.
 - d. Methods and equipment to be used to achieve compaction of the bioretention soil media.
- 5. The following information from the compost supplier:
 - a. A copy of the solid waste handling permit issued to the manufacturer by the Jurisdictional Health Department in accordance with WAC 173-350 (Minimum Functional Standards for Solid Waste Handling).
 - b. The Contractor shall verify in writing and provide lab analyses that the material complies with the processes, testing, and standards specified in WAC 173-350 and these Specifications. An independent Seal of Testing Assurance (STA) Program certified laboratory shall perform the analyses
 - c. A copy of the manufacturer's Seal of Testing Assurance STA certification as issued by the U.S. Composting Council.

8-28.3(2)B Grading and Placement

Grading and placement for the bioretention shall be performed as follows:

1. The Contractor shall construct the bioretention during the dry months, if possible, to make sure that the bioretention is in place and stabilized prior to the wet season. If the bioretention is constructed during wet weather, the Contractor shall bypass all stormwater discharge from entering the bioretention until the bioretention is completed, planted, and stabilized, as determined by the Engineer. The Contractor shall bypass the stormwater during construction of the Bioretention at their own expense. The Contractor shall not install the bioretention soil media over standing water or saturated soils.
2. No heavy equipment shall operate within the bioretention or earth berm perimeter once bioretention excavation has begun, including during excavation, backfilling, tree pit preparation, mulching, or planting. At the locations shown on the Drawings, bioretention shall be excavated to accommodate the placing of bioretention soil media and, if applicable, gravel reservoir, and underdrain as shown on the Drawings. The Contractor shall provide the Engineer the opportunity to inspect the excavation 24-hours prior to placement of any material or subgrade soil scarification.

3. The Contractor shall scarify the surface of the prepared subgrade to a minimum depth of 3 inches prior to placement of Bioretention Media or gravel reservoir, if applicable.
4. After excavation to subgrade, if any sediment laden runoff has entered the Bioretention, the sediment deposition shall be removed & hauled by over-excavating the bioretention in minimum 3-inch layers, until all sediments are removed as approved by the Engineer. The excavated material shall be replaced with bioretention soil media or gravel backfill for drains as directed by the Engineer, at the Contractor's expense.
5. If applicable, after placement of gravel backfill for drains reservoir, if any sediment laden runoff has entered the bioretention, the sediment deposition shall be removed by excavating gravel reservoir in the bioretention in minimum 3-inch layers (until approved by the Engineer) and replacing it with clean gravel backfill for drains per the plans, at the Contractor's expense.
6. The Contractor shall place bioretention soil media loosely upon a prepared subgrade, or upon gravel reservoir with an underdrain per plans. The bioretention soil media is to be installed as specified in accordance with these Specifications and in conformity with the lines, grades, depth, and typical cross-section shown in the Drawings or as established by the Engineer.
7. The Contractor shall compact the bioretention soil media to a maximum relative compaction of 85 percent of modified maximum dry density (ASTM D 1557) using methods that will not over compact the bioretention soil media or native soils underneath.
8. Prior to seeding or planting, the Contractor shall notify the Engineer to inspect the bioretention. If any sediment laden runoff has entered the bioretention, the Contractor shall remove the top silt laden layer of bioretention soil media and replace with new bioretention soil media per design, at the Contractor's expense. If silt and sediments have also entered the rock gallery under the bioretention soil media, the Contractor shall remove the silt-laden rock material and replace with new or re-screened rock material at the Contractor's expense.
9. Contractor shall be responsible protecting the bioretention until the vegetation and site are fully stabilized. Contractor shall be responsible for protecting the stabilized bioretention from sedimentation until the remainder of the site is stabilized and cleaned up. The stormwater conveyance shall not be allowed to discharge stormwater to the bioretention until it passes inspection by the Engineer.

No Materials or substances shall be mixed or dumped within the bioretention landscape planting area that may be harmful to plant growth or prove a hindrance to the planting or maintenance operations.

The finished elevation of the top of the bioretention shall be a minimum of two (2) inch below walks, curbs, pavements and driveways, unless otherwise specified or detailed on the plans. Upon completion of finish grading work, all excess Material shall be removed from the project site and disposed of accordingly.

8-28.3(2)C Placement

The Contractor shall not place the bioretention soil media until the project site draining to the bioretention area has been stabilized, native soils scarified per plans, the passes visual inspection by the Engineer, and authorization is given by the Engineer to place the bioretention soil media.

Bioretention soil media shall be protected from all sources of additional moisture at the Supplier's site, in covered conveyance, and at the project site until incorporated into the Work.

Soil placement and consolidation shall not occur when the bioretention soil media is excessively wet as determined by the Engineer. There should be no visible free water in the material.

Mixing or placing bioretention soil media shall not be allowed if the native soils receiving bioretention soil media is frozen, excessively wet or saturated.

The Contractor shall not place bioretention soil media until the Media delivery ticket(s) have been reviewed and accepted by the Engineer. At first delivery of Bioretention Media, and for deliveries thereafter as determined by the Engineer, the Contractor will make available to the Engineer:

1. The Manufacturer's Certificate(s) of Compliance and test results as specified in Section 9-14.1 of the Standard Specifications for comparison with the delivery tickets to verify the suppliers.
2. Access to the delivered bioretention soil media, before placement, to make a grab sample to verify that it is homogeneously mixed and matches the submitted sample.

The Engineer may stop the bioretention soil media delivery and placement if the Engineer determines that the delivered bioretention soil media mix does not appear to match the submittals or comes from a different source, and require sampling and testing of the delivered soil, before authorizing the bioretention soil media placement.

Place the bioretention soil media specified for landscape areas loosely. Do not allow uncontrolled runoff from adjacent impervious areas to enter bioretention. Repeat until final depth is achieved.

After placement of bioretention soil media and before planting, the Contractor shall notify the Engineer at least five (5) Working days in advance for compaction testing.

Rake soil to final grade, bioretention shall be consolidated or compacted as specified above, and approved by the Engineer prior to planting.

8-28.4 Measurement

No specific unit of measurement shall apply to the lump sum item for bioretention facility.

8-28.5 Payment

“Bioretention Facility”, per lump sum.

The unit contract price for “Bioretention Facility” shall be full payment to complete the Work as shown in the Plans and as specified in Section 8-28 in these Special Provisions.

Clearing and grubbing is paid under Section 2-01 of these Special Provisions.

“Catch Basin Type 1” is paid under Section 7-05 of these Special Provisions.

Plantings are paid under Section 8-02 of the Standard Specifications.

All costs involved in the loading, hauling, and the disposal of all surplus material and construction debris shall be included in the bid prices of the items shown on the proposal and no further payment will be made.

END DIVISION 8

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DIVISION 9 MATERIALS

9-03 AGGREGATES

9-03.8 Aggregates for Hot Mix Asphalt

9-03.8(2) HMA Test Requirements

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

ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be in the range of more than 300,000 to less than 3 million.

9-03.8(7) HMA Tolerances and Adjustments

Section 9-03.8(7) is supplemented with the following:

Item 1 is deleted and replaced with:

1. Job Mix Formula Tolerances. After the JMF is determined as required in 5-04.3(7)A, the constituents of the mixture at the time of acceptance shall conform to the following tolerances:

	Nonstatistical Evaluation	Commercial Evaluation
	Aggregate, percent passing	
1", ¾", ½" and ⅜" sieves	±6.0%	±8.0%
U.S. No. 4 sieve	±6.0%	±8.0%
U.S. No. 8 sieve	±6.0%	±8.0%
U.S. No. 200 sieve	±2.0%	±3.0%
Asphalt Binder	±0.5%	±0.7%
Air Voids	2.5% Minimum and 5.5% Maximum	

9-03.14 Borrow

Add the following new subsection:

9-03.14(5) Special Borrow

Material for special borrow shall consist of granular material, either naturally occurring or processed, and shall meet the following requirements for grading and quality:

Sieve Size	Percent Passing
3 in	100
1.5 in	70-100
3/4 in.	50-85
No. 4	30-60
No. 40	8-24
No. 200	3-10
Sand Equivalent	35 Min.

9-03.21 Recycled Materials

Section 9-03.21 is supplemented with the following:

The Contracting Agency encourages bidders to use recycled materials to the maximum extent feasible.

9-05 DRAINAGE STRUCTURES AND CULVERTS

9-05.13 Ductile Iron Sewer Pipe

Section 9-05.13 is revised to read:

Ductile iron pipe shall conform to ANSI A 21.51 or AWWA C151. The ductile iron pipe shall be Special Thickness Class 50, Minimum Pressure Class 350, or the Class indicated on the Plans or in the Special Provisions.

Nonrestrained joints shall be rubber gasket type, push on type, or mechanical type, and shall meet the requirements of AWWA C111.

9-05.15 Metal Casings

9-05.15(1) Manhole Ring and Cover

Section 9-05.15(1) is revised to read:

All covers shall be interchangeable within the dimensions shown on the Drawings. All mating surfaces shall be machine finished to ensure a non-rocking fit. Sanitary and storm sewer manholes frames and covers shall have the words "KITSAP SEWER" or "KITSAP STORM" cast into the top surface of the cover and shall be the bolt down and locking type and size as shown on the Plans. Covers shall contain integral heavy duty cam locks with ¼" round neoprene gaskets. Cam lock wrench shall only be removable when the cover is in the locked position. Subject to compliance with the contract documents the following manufacturers are acceptable:

1. EJ Group, Inc.
2. Neenah Foundry.
3. Deeter Foundry.
4. Olympic Foundry.
5. Approved Equal, shall be determined based on requirements as specified in this section, materials specifications, and conformity with the dimensions and custom logo design provided on the Kitsap County Standard Details.

9-05.30 VACANT

Section 9-05.30, including title, is deleted and replaced with the following:

9-05.30 Trench Drain System

9-05.30(1) Trench Drain System

Materials for trench drain system shall be made of one or more of the following: HDPE Polymer, Polymer, concrete, fiber enforced concrete, treated steel, ductile iron. The trench drain system shall be a 6-inch channel drain system with a Class B Load Rating. All composite materials shall have UV inhibitors if exposed to the surface.

All trench drain grates and frames shall be rated for a minimum Load B rating. Grates shall be locking and removable.

Trench Drain shall have a compressive strength of at least 2,800 psi and a tensile stress strength of at least 4,500 psi..

The bottom channel shall be pre-sloped with a minimum of 0.65% down slope with the grate installed level. The minimum inside channel width shall be 4-inches with a minimum bottom radius of 2-inches. Minimum grate width shall be 6-inches.

The downward end last trench section shall allow connection to a 4-inch PVC pipe, if shown on plans.

Subject to compliance with the contract documents the following manufacturers are acceptable:

1. Swift drain
2. Duraslope
3. NDS
4. Polycast
5. Approved Equal, shall be determined based on requirements as shown on the Plans and as specified in these Special Provisions.

9-14 EROSION CONTROL AND ROADSIDE PLANTING

9-14.2 Topsoil

9-14.2(1) Topsoil Type A

Section 9-14.2(1) is supplemented with the following:

(September 12, 2019 WSDOT NWR GSP)

Topsoil Type A shall consist of a uniform blend composed by volume of 60 percent to 70 percent Sandy Loam and 30 percent to 40 percent Fine Compost.

Sandy Loam

Sandy Loam shall be as defined by the US Department of Agriculture Natural Resource Conservation Services Soil Texture Triangle. Testing shall be performed by a Washington State Department of Ecology accredited testing laboratory approved through the North American Proficiency Testing Performance Assessment Program (NAPT-PAP) on a sample size of no less than 2 pounds. Testing shall not occur more than 90 days prior to installation and shall be submitted to the Engineer for approval a minimum of 14 calendar days prior to use or installation. The Sandy Loam analysis shall meet the following requirements:

Tested Item	Method*	Units	Specification Range
pH 1:1	S-2.20	S.U.	5.5 – 7.5
E.C. 1:1	S-2.20	mmhos/cm	≤ 2
Nitrate Nitrogen	S-3.10	mg/Kg	***
Ammonium Nitrogen	S-3.50	mg/Kg	***
Organic Matter	S-9.10	%	3 – 10
Phosphorus (P)	S-4.20 (Bray)	mg/Kg	***
Calcium (Ca)	S-5.10 (NH ₄ OAC)	meq/100g	***
Magnesium (Mg)	S-5.10 (NH ₄ OAC) S-6.11 (DTPA/Sorbitol)	meq/100g Mg/Kg	***
Sodium (Na)			***
Potassium (K)			***
Zinc (Zn)			***
Manganese (Mn)	S-6.11 (DTPA/Sorbitol) EPA 908/S-10.10	Mg/Kg meq/100g	***
Copper (Cu)			***
Iron (Fe)			***
Sulfur (SO ₄ -S)			***
Boron (B)			***
Molybdenum (Mo)			***
Cation Exchange (CEC)			5 Min.
Total Nitrogen	AOAC 990.3	%	***
Total Carbon	AOAC 972.3	%	***
C:N Ratio			20:1 or less
Exchangeable Sodium Percentage (ESP)	ESP	%	10 Max.
Particle Size Analysis (Sand, Clay, Silt)	S-14.10 (Hydrometer)	%	Sandy Loam

Tested Item	Method*	Units	Specification Range
Heavy Metals Testing	EPA 6010D	mg/Kg	From WAC 173-350-220 Table 220-B unless otherwise noted
Arsenic			≤ 20
Cadmium			≤ 10
Chromium			≤ 42**
Copper			≤ 100**
Lead			≤ 150
Molybdenum			≤ 9
Nickel			≤ 100**
Selenium			≤ 18
Zinc			≤ 270**
Mercury	EPA 7473		≤ 8
*Methods are from "Soil, Plant, and Water Reference Methods For the Western Region" 2005, 3 rd Ed., Dr. R. Gavlak, Dr. D. Horneck, Dr. R.O. Miller.			**From WAC 173-340-900 Table 749-2 for Unrestricted Land Uses ***Testing for soil-testing laboratory recommendations for soil treatments and amendments

The soil-testing laboratory shall state recommendations for soil treatments and soil amendments to be incorporated based on the results of the tests. Recommendations shall be in pounds per acre, or volume per cu. yd. for nitrogen, phosphorus, potash nutrients, and soil amendments to be added to produce satisfactory planting soil suitable for healthy, viable plants.

Compost

Compost shall conform to the requirements as specified in Section 9-14.5(8) of the Standard Specifications.

Mixing Requirements

Topsoil Type A shall be thoroughly mixed by the supplier prior to delivery to the site. The Contractor shall submit certification from the supplier that the Topsoil Type A has been mixed according to the above percentages at the point of delivery.

Acceptance of Topsoil Type A for use on a project shall be on the basis of visual verification by the Engineer that the delivered material is representative of the laboratory analysis documentation and certification.

Add the following new section:

9-14.9 Bioretention Soil Media

The Contractor shall use the standard bioretention soil media mix shown below.

1. Fine compost to mineral aggregate ratio:
60 -65 percent mineral aggregate, 35-40 percent fine compost by volume.
2. Bioretention Soil Media mineral aggregate shall meet the gradation, coefficient of uniformity, and coefficient of curve below:

Bioretention Soil Media Mineral Aggregate Gradation	
Sieve Size	Percent Passing
3/8"	100
#4	95-100
#10	75-90
#40	25-40
#100	4 – 10
#200	2 - 5

Coefficient of Uniformity ($C_u = D_{60}/D_{10}$) ≥ 4

Coefficient of Curve ($C_c = (D_{30})^2/D_{60} \times D_{10}$) ≥ 1 and ≤ 3

If the Contractor chooses to submit an alternate bioretention soil media mix, the Contractor shall submit a written request by close of business 5 business days preceding the bid opening date for the Engineer's approval.

The alternate bioretention soil media mix must meet all the criteria of the current Department of Ecology Stormwater Management Manual for Western Washington and all required testing below:

Criteria for Custom Bioretention Soil Media Mixes To Be An Approved Equal

Variations of the aggregate materials, mix ratio, or WSDOT approved Compost as specified in Section 9-14.5(8) of the Standard Specifications shall require the Contractor to perform and submit the results of the following additional test(s) of the bioretention soil media mix and compliance with the following criterial using the specified test method:

- Cation Exchange Capacity (CEC) ≥ 5 meq/100 grams of dry soil: USEPA 9081
- pH between 5.5 and 7.0
- 5 – 8 percent organic matter content before and after the saturated hydraulic conductivity test; ASTM D2974 (Standard Test Method for Moisture, Ash, and Organic Matter of Peat and Other Organic Soils)
- Mineral Aggregate 2 – 5 % fines passing the 200 sieve; TMECC 04.11-A
- Measured (Initial) saturated hydraulic conductivity (Ksat) of less than 12 inches per hour; ASTM D 2434 (standard Test Method for Permeability of Granular Soils (Constant Head) at 85% compaction per ASTM D 1557
- Maximum infiltration rate (saturated) of 12"/hour;

If compost is used in creating the custom mix, it must meet all the specifications listed above for compost except the gradation specification must indicate the minimum percent passing for a range of similar particle sizes.

END DIVISION 9

(January 5, 2026 WSDOT GSP)

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)	-	-	-	-	-	10.00	10.50	11.25	11.75	12.50
Impact Moment (kip*ft/ft)	19.86	24.12	28.55	33.16	37.97	20.80	25.17	29.65	34.27	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		

ATTACHMENTS

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ATTACHMENT A

WASHINGTON STATE PREVAILING WAGE RATES, STATE BENEFIT
CODE KEY AND SUPPLEMENTAL (L&I STATEMENT)

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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: 04/01/2026

Kitsap County

Trade ^	Job Classification ^	Wage ^	Holiday	Overtime	Note	Risk Class
Asbestos Abatement Workers	Journey Level	\$67.39	5D	1H		View
Boilermakers	Journey Level	\$78.89	5N	1C		View
Brick Mason	Journey Level	\$76.07	7E	1N		View
Brick Mason	Pointer-Caulker-Cleaner	\$76.07	7E	1N		View
Building Service Employees	Janitor	\$17.13		1		View
Building Service Employees	Shampooer	\$17.13		1		View
Building Service Employees	Waxer	\$17.13		1		View
Building Service Employees	Window Cleaner	\$17.13		1		View
Cabinet Makers (In Shop)	Journey Level	\$23.72		1		View
Carpenters	Acoustical Worker	\$83.21	15J	11U		View
Carpenters	Bridge Dock and Wharf Carpenter	\$84.81	15J	11U	9L	View

Carpenters	Floor Layer & Floor Finisher	\$83.21	15J	11U	View
Carpenters	General Carpenter	\$83.21	15J	11U	View
Carpenters	Scaffold Erector	\$83.21	15J	11U	View
Cement Masons	Application of all Composition Mastic	\$81.87	15J	4U	View
Cement Masons	Application of all Epoxy Material	\$81.36	15J	4U	View
Cement Masons	Application of all Plastic Material	\$81.87	15J	4U	View
Cement Masons	Application of Sealing Compound	\$81.36	15J	4U	View
Cement Masons	Application of Underlayment	\$81.87	15J	4U	View
Cement Masons	Building General	\$81.36	15J	4U	View
Cement Masons	Composition or Kalman Floors	\$81.87	15J	4U	View
Cement Masons	Concrete Paving	\$81.36	15J	4U	View
Cement Masons	Curb & Gutter Machine	\$81.87	15J	4U	View
Cement Masons	Curb & Gutter, Sidewalks	\$81.36	15J	4U	View
Cement Masons	Curing Concrete	\$81.36	15J	4U	View
Cement Masons	Finish Colored Concrete	\$81.87	15J	4U	View
Cement Masons	Floor Grinding	\$81.87	15J	4U	View
Cement Masons	Floor Grinding/Polisher	\$81.36	15J	4U	View
Cement Masons	Green Concrete Saw, self-powered	\$81.87	15J	4U	View
Cement Masons	Grouting of all Plates	\$81.36	15J	4U	View

Cement Masons	Grouting of all Tilt-up Panels	\$81.36	15J	4U		View
Cement Masons	Guniting Nozzleman	\$81.87	15J	4U		View
Cement Masons	Hand Powered Grinder	\$81.87	15J	4U		View
Cement Masons	Journey Level	\$81.36	15J	4U		View
Cement Masons	Patching Concrete	\$81.36	15J	4U		View
Cement Masons	Pneumatic Power Tools	\$81.87	15J	4U		View
Cement Masons	Power Chipping & Brushing	\$81.87	15J	4U		View
Cement Masons	Sand Blasting Architectural Finish	\$81.87	15J	4U		View
Cement Masons	Screed & Rodding Machine	\$81.87	15J	4U		View
Cement Masons	Spackling or Skim Coat Concrete	\$81.36	15J	4U		View
Cement Masons	Troweling Machine Operator	\$81.87	15J	4U		View
Cement Masons	Troweling Machine Operator on Colored Slabs	\$81.87	15J	4U		View
Cement Masons	Tunnel Workers	\$81.87	15J	4U		View
Divers & Tenders	Bell/Vehicle/Submersible Operator (not under pressure)	\$144.72	15J	11T	9I	View
Divers & Tenders	Dive Supervisor	\$146.22	15J	11T	9I	View
Divers & Tenders	Diver	\$144.72	15J	11T	9I	View
Divers & Tenders	Diver Tender	\$91.05	15J	11T	9I	View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$114.73	15J	11U		View

Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$124.28	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$133.82	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$143.37	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$152.91	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$162.46	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$172.00	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$181.55	15J	11U		View
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$191.09	15J	11U		View
Divers & Tenders	Lead Diver (Dive Master)	\$105.51	15J	11T	9I	View
Divers & Tenders	Manifold Operator (Life Support Technician)	\$96.05	15J	11U	9I	View
Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$91.05	15J	11T	9I	View
Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$91.05	15J	11U	9I	View

Divers & Tenders	Remote Operated Vehicle Tender	\$84.75	15J	11T	9I	View
Divers & Tenders	Stand-by Diver	\$100.51	15J	11T	9I	View
Dredge Workers	Assistant Engineer	\$89.47	5D	3F		View
Dredge Workers	Assistant Mate (Deckhand)	\$88.78	5D	3F		View
Dredge Workers	Boatmen	\$89.47	5D	3F		View
Dredge Workers	Engineer Welder	\$91.20	5D	3F		View
Dredge Workers	Leverman, Hydraulic	\$93.03	5D	3F		View
Dredge Workers	Mates	\$89.47	5D	3F		View
Dredge Workers	Oiler	\$88.78	5D	3F		View
Drywall Applicator	Journey Level	\$81.71	150	11S		View
Drywall Tapers	Journey Level	\$81.71	150	11S		View
Electrical Fixture Maintenance Workers	Journey Level	\$42.69	5L	1E		View
Electricians - Inside	Cable Splicer	\$119.89	7C	4E		View
Electricians - Inside	Cable Splicer (tunnel)	\$128.61	7C	4E		View
Electricians - Inside	Certified Welder	\$115.92	7C	4E		View
Electricians - Inside	Certified Welder (tunnel)	\$124.25	7C	4E		View
Electricians - Inside	Construction Stock Person	\$56.78	7C	4E		View
Electricians - Inside	Journey Level	\$111.96	7C	4E		View
Electricians - Inside	Journey Level (tunnel)	\$119.89	7C	4E		View
Electricians - Motor Shop	Craftsman	\$17.13		1		View

Electricians - Motor Shop	Journey Level	\$17.13		1		View
Electricians - Powerline Construction	Cable Splicer	\$107.31	5A	4D		View
Electricians - Powerline Construction	Certified Line Welder	\$98.45	5A	4D		View
Electricians - Powerline Construction	Groundperson	\$61.75	5A	4D		View
Electricians - Powerline Construction	Heavy Line Equipment Operator	\$98.45	5A	4D		View
Electricians - Powerline Construction	Journey Level Lineperson	\$98.45	5A	4D		View
Electricians - Powerline Construction	Line Equipment Operator	\$84.18	5A	4D		View
Electricians - Powerline Construction	Meter Installer	\$61.75	5A	4D	8W	View
Electricians - Powerline Construction	Pole Sprayer	\$98.45	5A	4D		View
Electricians - Powerline Construction	Powderperson	\$72.81	5A	4D		View
Electronic Technicians	Journey Level	\$73.97	7E	1E		View
Elevator Constructors	Mechanic	\$119.17	7D	4A		View
Elevator Constructors	Mechanic In Charge	\$128.95	7D	4A		View
Fabricated Precast Concrete Products	Journey Level	\$17.13		1		View
Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$17.13		1		View
Fence Erectors	Fence Erector	\$57.66	15J	11P	8Y	View
Fence Erectors	Fence Laborer	\$57.66	15J	11P	8Y	View

Flaggers	Journey Level	\$57.66	15J	11P	8Y	View
Glaziers	Journey Level	\$85.16	7L	1Y		View
Heat & Frost Insulators And Asbestos Workers	Journey Level	\$96.42	15H	11C		View
Heating Equipment Mechanics	Journey Level	\$107.92	7F	1E		View
Hod Carriers & Mason Tenders	Journey Level	\$71.09	15J	11P	8Y	View
Industrial Power Vacuum Cleaner	Journey Level	\$29.89		1		View
Inland Boatmen	Boat Operator	\$71.28	5B	1K		View
Inland Boatmen	Cook	\$69.70	5B	1K		View
Inland Boatmen	Deckhand	\$70.00	5B	1K		View
Inland Boatmen	Deckhand Engineer	\$69.55	5B	1K		View
Inland Boatmen	Launch Operator	\$71.23	5B	1K		View
Inland Boatmen	Mate	\$89.12	5B	1K		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator	\$54.56	15M	110		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Foamer Operator	\$54.56	15M	110		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$54.56	15M	110		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$52.40	15M	110		View

Inspection/Cleaning/Sealing Of						
Sewer & Water Systems By	Technician	\$45.97	15M	110		View
Remote Control						
Inspection/Cleaning/Sealing Of						
Sewer & Water Systems By	TV Truck Operator	\$49.20	15M	110		View
Remote Control						
Insulation Applicators	Journey Level	\$83.21	15J	11U		View
Ironworkers	Journeyman	\$94.82	15K	11N		View
Laborers	Air, Gas Or Electric Vibrating Screed	\$67.39	15J	11P	8Y	View
Laborers	Airtrac Drill Operator	\$69.37	15J	11P	8Y	View
Laborers	Ballast Regular Machine	\$67.39	15J	11P	8Y	View
Laborers	Batch Weighman	\$57.66	15J	11P	8Y	View
Laborers	Brick Pavers	\$67.39	15J	11P	8Y	View
Laborers	Brush Cutter	\$67.39	15J	11P	8Y	View
Laborers	Brush Hog Feeder	\$67.39	15J	11P	8Y	View
Laborers	Burner	\$67.39	15J	11P	8Y	View
Laborers	Caisson Worker	\$69.37	15J	11P	8Y	View
Laborers	Carpenter Tender	\$67.39	15J	11P	8Y	View
Laborers	Cement Dumper-paving	\$69.37	15J	11P	8Y	View
Laborers	Cement Finisher Tender	\$67.39	15J	11P	8Y	View
Laborers	Change House Or Dry Shack	\$67.39	15J	11P	8Y	View
Laborers	Chipping Gun (30 Lbs. And Over)	\$68.56	15J	11P	8Y	View

Laborers	Chipping Gun (Under 30 Lbs.)	\$67.39	15J	11P	8Y	View
Laborers	Choker Setter	\$67.39	15J	11P	8Y	View
Laborers	Chuck Tender	\$67.39	15J	11P	8Y	View
Laborers	Clary Power Spreader	\$68.56	15J	11P	8Y	View
Laborers	Clean-up Laborer	\$67.39	15J	11P	8Y	View
Laborers	Concrete Dumper/Chute Operator	\$69.37	15J	11P	8Y	View
Laborers	Concrete Form Stripper	\$67.39	15J	11P	8Y	View
Laborers	Concrete Placement Crew	\$69.37	15J	11P	8Y	View
Laborers	Concrete Saw Operator/Core Driller	\$68.56	15J	11P	8Y	View
Laborers	Crusher Feeder	\$57.66	15J	11P	8Y	View
Laborers	Curing Laborer	\$67.39	15J	11P	8Y	View
Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	\$67.39	15J	11P	8Y	View
Laborers	Ditch Digger	\$67.39	15J	11P	8Y	View
Laborers	Diver	\$69.37	15J	11P	8Y	View
Laborers	Drill Operator (Hydraulic, Diamond)	\$68.56	15J	11P	8Y	View
Laborers	Dry Stack Walls	\$67.39	15J	11P	8Y	View
Laborers	Dump Person	\$67.39	15J	11P	8Y	View
Laborers	Epoxy Technician	\$67.39	15J	11P	8Y	View
Laborers	Erosion Control Worker	\$67.39	15J	11P	8Y	View

Laborers	Faller & Bucker Chain Saw	\$68.56	15J	11P	8Y	View
Laborers	Fine Graders	\$67.39	15J	11P	8Y	View
Laborers	Firewatch	\$57.66	15J	11P	8Y	View
Laborers	Form Setter	\$69.37	15J	11P	8Y	View
Laborers	Gabian Basket Builders	\$67.39	15J	11P	8Y	View
Laborers	General Laborer	\$67.39	15J	11P	8Y	View
Laborers	Grade Checker & Transit Person	\$71.09	15J	11P	8Y	View
Laborers	Grinders	\$67.39	15J	11P	8Y	View
Laborers	Grout Machine Tender	\$67.39	15J	11P	8Y	View
Laborers	Groutmen (Pressure) Including Post Tension Beams	\$68.56	15J	11P	8Y	View
Laborers	Guardrail Erector	\$67.39	15J	11P	8Y	View
Laborers	Hazardous Waste Worker (Level A)	\$69.37	15J	11P	8Y	View
Laborers	Hazardous Waste Worker (Level B)	\$68.56	15J	11P	8Y	View
Laborers	Hazardous Waste Worker (Level C)	\$67.39	15J	11P	8Y	View
Laborers	High Scaler	\$69.37	15J	11P	8Y	View
Laborers	Jackhammer	\$68.56	15J	11P	8Y	View
Laborers	Laserbeam Operator	\$68.56	15J	11P	8Y	View
Laborers	Maintenance Person	\$67.39	15J	11P	8Y	View
Laborers	Manhole Builder-Mudman	\$68.56	15J	11P	8Y	View

Laborers	Material Yard Person	\$67.39	15J	11P	8Y	View
Laborers	Mold Abatement Worker	\$67.39	15J	11P	8Y	View
Laborers	Motorman-Dinky Locomotive	\$71.19	15J	11P	8Y	View
Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	\$71.09	15J	11P	8Y	View
Laborers	Pavement Breaker	\$68.56	15J	11P	8Y	View
Laborers	Pilot Car	\$57.66	15J	11P	8Y	View
Laborers	Pipe Layer (Lead)	\$71.09	15J	11P	8Y	View
Laborers	Pipe Layer/Tailor	\$68.56	15J	11P	8Y	View
Laborers	Pipe Pot Tender	\$68.56	15J	11P	8Y	View
Laborers	Pipe Reliner	\$68.56	15J	11P	8Y	View
Laborers	Pipe Wrapper	\$68.56	15J	11P	8Y	View
Laborers	Pot Tender	\$67.39	15J	11P	8Y	View
Laborers	Powderman	\$69.37	15J	11P	8Y	View
Laborers	Powderman's Helper	\$67.39	15J	11P	8Y	View
Laborers	Power Jacks	\$68.56	15J	11P	8Y	View
Laborers	Power Washer	\$67.39	15J	11P	8Y	View
Laborers	Railroad Spike Puller - Power	\$68.56	15J	11P	8Y	View
Laborers	Raker - Asphalt	\$71.09	15J	11P	8Y	View

Laborers	Re-timberman	\$69.37	15J	11P	8Y	View
Laborers	Remote Equipment Operator	\$68.56	15J	11P	8Y	View
Laborers	Rigger/Signal Person	\$68.56	15J	11P	8Y	View
Laborers	Rip Rap Person	\$67.39	15J	11P	8Y	View
Laborers	Rivet Buster	\$68.56	15J	11P	8Y	View
Laborers	Rodder	\$69.37	15J	11P	8Y	View
Laborers	Scaffold Erector	\$67.39	15J	11P	8Y	View
Laborers	Scale Person	\$67.39	15J	11P	8Y	View
Laborers	Sloper (Over 20")	\$68.56	15J	11P	8Y	View
Laborers	Sloper Sprayer	\$67.39	15J	11P	8Y	View
Laborers	Spreader (Concrete)	\$69.37	15J	11P	8Y	View
Laborers	Stake Hopper	\$67.39	15J	11P	8Y	View
Laborers	Stock Piler	\$67.39	15J	11P	8Y	View
Laborers	Swinging Stage/Boatswain Chair	\$57.66	15J	11P	8Y	View
Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$68.56	15J	11P	8Y	View
Laborers	Tamper (Multiple & Self-propelled)	\$68.56	15J	11P	8Y	View
Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$68.56	15J	11P	8Y	View
Laborers	Toolroom Person (at Jobsite)	\$67.39	15J	11P	8Y	View
Laborers	Topper	\$67.39	15J	11P	8Y	View

Laborers	Track Laborer	\$67.39	15J	11P	8Y	View
Laborers	Track Liner (Power)	\$68.56	15J	11P	8Y	View
Laborers	Traffic Control Laborer	\$61.41	15J	11P	9C	View
Laborers	Traffic Control Supervisor	\$64.86	15J	11P	9C	View
Laborers	Truck Mounted Attenuator	\$61.41	15J	11P	9C	View
Laborers	Truck Spotter	\$67.39	15J	11P	8Y	View
Laborers	Tugger Operator	\$68.56	15J	11P	8Y	View
Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$225.32	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$230.35	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$234.03	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$239.73	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$241.85	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$246.95	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$248.85	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$250.85	15J	11P	9B	View
Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$252.85	15J	11P	9B	View
Laborers	Tunnel Work-Guage and Lock Tender	\$71.19	15J	11P	8Y	View

Laborers	Tunnel Work-Miner	\$71.19	15J	11P	8Y	View
Laborers	Vibrator	\$69.37	15J	11P	8Y	View
Laborers	Vinyl Seamer	\$67.39	15J	11P	8Y	View
Laborers	Watchman	\$52.73	15J	11P	8Y	View
Laborers	Welder	\$68.56	15J	11P	8Y	View
Laborers	Well Point Laborer	\$68.56	15J	11P	8Y	View
Laborers	Window Washer/Cleaner	\$52.73	15J	11P	8Y	View
Laborers - Underground Sewer & Water	General Laborer & Topman	\$67.39	15J	11P	8Y	View
Laborers - Underground Sewer & Water	Pipe Layer	\$68.56	15J	11P	8Y	View
Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	\$52.73	15J	11P	8Y	View
Landscape Construction	Landscape Operator	\$88.55	15J	11G	8X	View
Landscape Maintenance	Groundskeeper	\$17.13		1		View
Lathers	Journey Level	\$81.71	150	11S		View
Marble Setters	Journey Level	\$76.07	7E	1N		View
Metal Fabrication (In Shop)	Fitter	\$26.96		1		View
Metal Fabrication (In Shop)	Laborer	\$17.13		1		View
Metal Fabrication (In Shop)	Machine Operator	\$17.13		1		View
Metal Fabrication (In Shop)	Welder	\$17.13		1		View
Millwright	Journey Level	\$80.28	15J	4C		View

Modular Buildings	Cabinet Assembly	\$17.13		1		View
Modular Buildings	Electrician	\$17.13		1		View
Modular Buildings	Equipment Maintenance	\$17.13		1		View
Modular Buildings	Plumber	\$17.13		1		View
Modular Buildings	Production Worker	\$17.13		1		View
Modular Buildings	Tool Maintenance	\$17.13		1		View
Modular Buildings	Utility Person	\$17.13		1		View
Modular Buildings	Welder	\$17.13		1		View
Painters	Journey Level	\$57.46	6Z	11J		View
Pile Driver	Crew Tender	\$80.50	15J	11U	9L	View
Pile Driver	Journey Level	\$84.81	15J	11U		View
Plasterers	Journey Level	\$78.60	7Q	1R		View
Plasterers	Nozzleman	\$82.70	7Q	1R		View
Playground & Park Equipment Installers	Journey Level	\$17.13		1		View
Plumbers & Pipefitters	Journey Level	\$95.37	5A	1G		View
Power Equipment Operators	Asphalt Plant Operators	\$90.03	15J	11G	8X	View
Power Equipment Operators	Assistant Engineer	\$84.65	15J	11G	8X	View
Power Equipment Operators	Barrier Machine (zipper)	\$89.22	15J	11G	8X	View
Power Equipment Operators	Batch Plant Operator: concrete	\$89.22	15J	11G	8X	View
Power Equipment Operators	Boat Operator	\$88.20	7A	11H	8X	View

Power Equipment Operators	Bobcat	\$84.65	15J	11G	8X	View
Power Equipment Operators	Brokk - Remote Demolition Equipment	\$84.65	15J	11G	8X	View
Power Equipment Operators	Brooms	\$84.65	15J	11G	8X	View
Power Equipment Operators	Bump Cutter	\$89.22	15J	11G	8X	View
Power Equipment Operators	Cableways	\$90.03	15J	11G	8X	View
Power Equipment Operators	Chipper	\$89.22	15J	11G	8X	View
Power Equipment Operators	Compressor	\$84.65	15J	11G	8X	View
Power Equipment Operators	Concrete Finish Machine - Laser Screed	\$84.65	15J	11G	8X	View
Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$88.55	15J	11G	8X	View
Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$90.03	15J	11G	8X	View
Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$89.22	15J	11G	8X	View
Power Equipment Operators	Conveyors	\$88.55	15J	11G	8X	View
Power Equipment Operators	Cranes Friction: 200 tons and over	\$90.88	7A	11H	8X	View
Power Equipment Operators	Cranes, A-frame: 10 tons and under	\$82.95	7A	11H	8X	View
Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$89.09	7A	11H	8X	View

Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	\$87.42	7A	11H	8X	View
Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$90.00	7A	11H	8X	View
Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$90.88	7A	11H	8X	View
Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$88.20	7A	11H	8X	View
Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$90.00	7A	11H	8X	View
Power Equipment Operators	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$86.75	7A	11H	8X	View
Power Equipment Operators	Crusher	\$89.22	15J	11G	8X	View
Power Equipment Operators	Deck Engineer/Deck Winches (power)	\$89.22	15J	11G	8X	View
Power Equipment Operators	Derricks, On Building Work	\$88.20	7A	11H	8X	View
Power Equipment Operators	Dozers D-9 & Under	\$88.55	15J	11G	8X	View
Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$88.55	15J	11G	8X	View
Power Equipment Operators	Drilling Machine	\$90.95	15J	11G	8X	View
Power Equipment Operators	Elevator and man-lift: permanent and shaft type	\$84.65	15J	11G	8X	View
Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$89.22	15J	11G	8X	View

Power Equipment Operators	Forklift: 3000 lbs and over with attachments	\$88.55	15J	11G	8X	View
Power Equipment Operators	Forklifts: under 3000 lbs. with attachments	\$84.65	15J	11G	8X	View
Power Equipment Operators	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$89.22	15J	11G	8X	View
Power Equipment Operators	Gradechecker/Stakeman	\$84.65	15J	11G	8X	View
Power Equipment Operators	Guardrail Punch	\$89.22	15J	11G	8X	View
Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$90.03	15J	11G	8X	View
Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators	Horizontal/Directional Drill Locator	\$88.55	15J	11G	8X	View
Power Equipment Operators	Horizontal/Directional Drill Operator	\$89.22	15J	11G	8X	View
Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$86.75	7A	11H	8X	View
Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	\$82.95	7A	11H	8X	View
Power Equipment Operators	Leverman	\$91.87	15J	11G	8X	View
Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$90.03	15J	11G	8X	View
Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators	Loaders, Plant Feed	\$89.22	15J	11G	8X	View

Power Equipment Operators	Loaders: Elevating Type Belt	\$88.55	15J	11G	8X	View
Power Equipment Operators	Locomotives, All	\$89.22	15J	11G	8X	View
Power Equipment Operators	Material Transfer Device	\$89.22	15J	11G	8X	View
Power Equipment Operators	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$90.95	15J	11G	8X	View
Power Equipment Operators	Motor Patrol Graders	\$90.03	15J	11G	8X	View
Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$90.03	15J	11G	8X	View
Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$84.65	15J	11G	8X	View
Power Equipment Operators	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$88.55	15J	11G	8X	View
Power Equipment Operators	Overhead, bridge type Crane: 20 tons through 44 tons	\$87.42	7A	11H	8X	View
Power Equipment Operators	Overhead, bridge type: 100 tons and over	\$89.09	7A	11H	8X	View
Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	\$88.20	7A	11H	8X	View
Power Equipment Operators	Pavement Breaker	\$84.65	15J	11G	8X	View
Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$89.22	15J	11G	8X	View
Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$88.55	15J	11G	8X	View
Power Equipment Operators	Posthole Digger, Mechanical	\$84.65	15J	11G	8X	View
Power Equipment Operators	Power Plant	\$84.65	15J	11G	8X	View
Power Equipment Operators	Pumps - Water	\$84.65	15J	11G	8X	View

Power Equipment Operators	Quad 9, Hd 41, D10 And Over	\$90.03	15J	11G	8X	View
Power Equipment Operators	Quick Tower: no cab, under 100 feet in height base to boom	\$89.22	15J	11G	8X	View
Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$90.03	15J	11G	8X	View
Power Equipment Operators	Rigger and Bellman	\$82.95	7A	11H	8X	View
Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	\$86.75	7A	11H	8X	View
Power Equipment Operators	Rollagon	\$90.03	15J	11G	8X	View
Power Equipment Operators	Roller, Other Than Plant Mix	\$84.65	15J	11G	8X	View
Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$88.55	15J	11G	8X	View
Power Equipment Operators	Roto-mill, Roto-grinder	\$89.22	15J	11G	8X	View
Power Equipment Operators	Saws - Concrete	\$88.55	15J	11G	8X	View
Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators	Scrapers - Concrete & Carry All	\$88.55	15J	11G	8X	View
Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$90.03	15J	11G	8X	View
Power Equipment Operators	Service Engineers: Equipment	\$88.55	15J	11G	8X	View
Power Equipment Operators	Shotcrete/Gunite Equipment	\$84.65	15J	11G	8X	View
Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$88.55	15J	11G	8X	View
Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$90.03	15J	11G	8X	View

Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$89.22	15J	11G	8X	View
Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$90.95	15J	11G	8X	View
Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$91.87	15J	11G	8X	View
Power Equipment Operators	Slipform Pavers	\$90.03	15J	11G	8X	View
Power Equipment Operators	Spreader, Topsider & Screedman	\$90.03	15J	11G	8X	View
Power Equipment Operators	Subgrader Trimmer	\$89.22	15J	11G	8X	View
Power Equipment Operators	Tower Bucket Elevators	\$88.55	15J	11G	8X	View
Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	\$90.00	7A	11H	8X	View
Power Equipment Operators	Tower crane: up to 175' in height base to boom	\$89.09	7A	11H	8X	View
Power Equipment Operators	Tower Cranes: over 250' in height from base to boom	\$90.88	7A	11H	8X	View
Power Equipment Operators	Transporters, All Track Or Truck Type	\$90.03	15J	11G	8X	View
Power Equipment Operators	Trenching Machines	\$88.55	15J	11G	8X	View
Power Equipment Operators	Truck Crane Oiler/Driver: 100 tons and over	\$87.42	7A	11H	8X	View
Power Equipment Operators	Truck crane oiler/driver: under 100 tons	\$86.75	7A	11H	8X	View
Power Equipment Operators	Truck Mount Portable Conveyor	\$89.22	15J	11G	8X	View
Power Equipment Operators	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$89.22	15J	11G	8X	View

Power Equipment Operators	Welder	\$90.03	15J	11G	8X	View
Power Equipment Operators	Wheel Tractors, Farmall Type	\$84.65	15J	11G	8X	View
Power Equipment Operators	Yo Yo Pay Dozer	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operators	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator, Concrete	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Boat Operator	\$88.20	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Bobcat	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Brooms	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Bump Cutter	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Cableways	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Chipper	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Compressor	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine - Laser Screed	\$84.65	15J	11G	8X	View

Power Equipment Operators- Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Conveyors	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes Friction: 200 tons and over	\$90.88	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes, A-frame: 10 tons and under	\$82.95	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$89.09	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: 20 tons through 44 tons with attachments	\$87.42	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$90.00	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$90.88	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$88.20	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$90.00	7A	11H	8X	View

Power Equipment Operators- Underground Sewer & Water	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$86.75	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Crusher	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Deck Engineer/Deck Winches (power)	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Derricks, On Building Work	\$88.20	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Drilling Machine	\$90.95	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Elevator and man-lift: permanent and shaft type	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 lbs and over with attachments	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Forklifts: under 3000 lbs. with attachments	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Gradechecker/Stakeman	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Guardrail Punch	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards.	\$90.03	15J	11G	8X	View

	& Over					
Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Locator	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Operator	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: 10 tons and under	\$82.95	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: over 10 tons	\$86.75	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Leverman	\$91.87	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Loaders, Plant Feed	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Loaders: Elevating Type Belt	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Locomotives, All	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Material Transfer Device	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$90.95	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Motor Patrol Graders	\$90.03	15J	11G	8X	View

Power Equipment Operators- Underground Sewer & Water	Mucking Machine, Mole, Tunnel					
	Drill, Boring, Road Header	\$90.03	15J	11G	8X	View
	And/or Shield					
Power Equipment Operators- Underground Sewer & Water	Oil Distributors, Blower					
	Distribution & Mulch Seeding	\$84.65	15J	11G	8X	View
	Operator					
Power Equipment Operators- Underground Sewer & Water	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type Crane: 20 tons through 44 tons	\$87.42	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 100 tons and over	\$89.09	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 45 tons through 99 tons	\$88.20	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Pavement Breaker	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Posthole Digger, Mechanical	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Power Plant	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Pumps - Water	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Quad 9, Hd 41, D10 And Over	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Quick Tower: no cab, under 100 feet in height base to boom	\$89.22	15J	11G	8X	View

Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On					
	Rubber Tired Earth Moving Equipment	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Rigger and Bellman	\$82.95	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman(Certified)	\$86.75	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Rollagon	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Shotcrete/Gunite Equipment	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$90.03	15J	11G	8X	View

Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$90.95	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$91.87	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	\$90.00	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Tower crane: up to 175' in height base to boom	\$89.09	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom	\$90.88	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$88.55	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and over	\$87.42	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Truck crane oiler/driver: under 100 tons	\$86.75	7A	11H	8X	View
Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	\$89.22	15J	11G	8X	View

Power Equipment Operators- Underground Sewer & Water	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$89.22	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Welder	\$90.03	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	\$84.65	15J	11G	8X	View
Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	\$89.22	15J	11G	8X	View
Power Line Clearance Tree Trimmers	Journey Level In Charge	\$69.62	5A	4A		View
Power Line Clearance Tree Trimmers	Spray Person	\$65.89	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$69.62	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Trimmer	\$62.19	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$45.93	5A	4A		View
Refrigeration & Air Conditioning Mechanics	Journey Level	\$100.71	5A	1G		View
Residential Brick Mason	Journey Level	\$22.01		1		View
Residential Carpenters	Journey Level	\$39.42		1		View
Residential Cement Masons	Journey Level	\$39.88		1		View
Residential Drywall Applicators	Journey Level	\$51.52	15J	4C		View
Residential Drywall Tapers	Journey Level	\$31.52		1		View
Residential Electricians	Journey Level	\$44.11		1		View
Residential Glaziers	Journey Level	\$58.75	7L	1H		View

Residential Insulation Applicators	Journey Level	\$22.96		1	View
Residential Laborers	Journey Level	\$17.13		1	View
Residential Marble Setters	Journey Level	\$22.01		1	View
Residential Painters	Journey Level	\$34.37		1	View
Residential Plumbers & Pipefitters	Journey Level	\$40.60		1	View
Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$45.45		1	View
Residential Sheet Metal Workers	Journey Level	\$32.91		1	View
Residential Soft Floor Layers	Journey Level	\$27.54		1	View
Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$53.48		1	View
Residential Stone Masons	Journey Level	\$76.07	7E	1N	View
Residential Terrazzo Workers	Journey Level	\$17.13		1	View
Residential Terrazzo/Tile Finishers	Journey Level	\$39.09		1	View
Residential Tile Setters	Journey Level	\$35.40		1	View
Roofers	Journey Level	\$70.70	5A	3H	View
Roofers	Using Irritable Bituminous Materials	\$74.15	5A	3H	View
Sheet Metal Workers	Journey Level (Field or Shop)	\$107.92	7F	1E	View
Shipbuilding & Ship Repair	New Construction Boilermaker	\$61.07	7X	4J	View
Shipbuilding & Ship Repair	New Construction Carpenter	\$51.85	7X	4J	View

Shipbuilding & Ship Repair	New Construction Crane Operator	\$44.29	7V	1	View
Shipbuilding & Ship Repair	New Construction Electrician	\$61.12	7X	4J	View
Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	\$96.42	15H	11C	View
Shipbuilding & Ship Repair	New Construction Laborer	\$60.73	7X	4J	View
Shipbuilding & Ship Repair	New Construction Machinist	\$60.93	7X	4J	View
Shipbuilding & Ship Repair	New Construction Operating Engineer	\$44.29	7V	1	View
Shipbuilding & Ship Repair	New Construction Painter	\$60.93	7X	4J	View
Shipbuilding & Ship Repair	New Construction Pipefitter	\$61.21	7X	4J	View
Shipbuilding & Ship Repair	New Construction Rigger	\$61.07	7X	4J	View
Shipbuilding & Ship Repair	New Construction Sheet Metal	\$60.94	7X	4J	View
Shipbuilding & Ship Repair	New Construction Shipwright	\$51.85	7X	4J	View
Shipbuilding & Ship Repair	New Construction Warehouse/Teamster	\$44.29	7V	1	View
Shipbuilding & Ship Repair	New Construction Welder / Burner	\$61.07	7X	4J	View
Shipbuilding & Ship Repair	Ship Repair Boilermaker	\$61.07	7X	4J	View
Shipbuilding & Ship Repair	Ship Repair Carpenter	\$51.85	7X	4J	View
Shipbuilding & Ship Repair	Ship Repair Crane Operator	\$45.06	7Y	4K	View
Shipbuilding & Ship Repair	Ship Repair Electrician	\$61.12	7X	4J	View
Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	\$96.42	15H	11C	View

Shipbuilding & Ship Repair	Ship Repair Laborer	\$60.73	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Machinist	\$60.93	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Operating Engineer	\$45.06	7Y	4K		View
Shipbuilding & Ship Repair	Ship Repair Painter	\$60.93	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Pipefitter	\$61.21	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Rigger	\$61.07	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Sheet Metal	\$60.94	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Shipwright	\$51.85	7X	4J		View
Shipbuilding & Ship Repair	Ship Repair Warehouse / Teamster	\$45.06	7Y	4K		View
Sign Makers & Installers (Electrical)	Journey Level	\$60.46	0	1		View
Sign Makers & Installers (Non-Electrical)	Journey Level	\$38.53	0	1		View
Soft Floor Layers	Journey Level	\$63.29	15J	4C		View
Solar Controls For Windows	Journey Level	\$17.13		1		View
Sprinkler Fitters (Fire Protection)	Journey Level	\$104.44	5C	1X		View
Stage Rigging Mechanics (Non Structural)	Journey Level	\$17.13		1		View
Stone Masons	Journey Level	\$76.07	7E	1N		View
Street And Parking Lot Sweeper Workers	Journey Level	\$17.13		1		View
Surveyors	Assistant Construction Site Surveyor	\$86.75	7A	11H	8X	View

Surveyors	Chainman	\$82.95	7A	11H	8X	View
Surveyors	Construction Site Surveyor	\$88.20	7A	11H	8X	View
Surveyors	Drone Operator (when used in conjunction with survey work only)	\$82.95	7A	11H	8X	View
Surveyors	Ground Penetrating Radar Operator	\$82.95	7A	11H	8X	View
Telecommunication Technicians	Journey Level	\$73.97	7E	1E		View
Telephone Line Construction - Outside	Cable Splicer	\$42.62	5A	2B		View
Telephone Line Construction - Outside	Hole Digger/Ground Person	\$27.97	5A	2B		View
Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$35.60	5A	2B		View
Telephone Line Construction - Outside	Telephone Lineperson	\$40.28	5A	2B		View
Terrazzo Workers	Journey Level	\$70.61	7E	1N		View
Tile Setters	Journey Level	\$68.61	7E	1N		View
Tile, Marble & Terrazzo Finishers	Finisher	\$59.44	7E	1N		View
Traffic Control Stripers	All cleanup required in connection with traffic control stripers work (Group 1)	\$95.41	15L	1K		View
Traffic Control Stripers	Handling, painting and installing of all car stops, stop signs and any other type sign (Group 2)	\$62.69	15L	1K		View
Traffic Control Stripers	Installation of guard rail and posts and similar protective devices (Group 2)	\$62.69	15L	1K		View

Traffic Control Stripers	Installation of parking gates, ticket spitters and other mechanical and automatic control devices (Group 2)	\$62.69	15L	1K		View
Traffic Control Stripers	Installation of plastic metal or composition button, or lines used instead of paint (Group 1)	\$95.41	15L	1K		View
Traffic Control Stripers	Line removal; chemical sand and hydro-blast, paint and button (Group 1)	\$95.41	15L	1K		View
Traffic Control Stripers	Manufacturing and installation of all car stops and control devices and similar traffic regulators (Group 2)	\$62.69	15L	1K		View
Traffic Control Stripers	Manufacturing, painting, stenciling, servicing, repairing, placing and removal of traffic safety and control devices/barricades (Group 2)	\$62.69	15L	1K		View
Traffic Control Stripers	Painting and installing lines, arrows, bumpers, curbs, etc., on parking lots, air fields, highways, game courts (Group 1)	\$95.41	15L	1K		View
Traffic Control Stripers	Preparation and maintenance of all surfaces (Group 1)	\$95.41	15L	1K		View
Traffic Control Stripers	Seal coating, slurry coating and other surface protection (Group 2)	\$62.69	15L	1K		View
Truck Drivers	Asphalt Mix Over 16 Yards	\$82.20	15J	11M	8L	View
Truck Drivers	Asphalt Mix To 16 Yards	\$81.36	15J	11M	8L	View
Truck Drivers	Dump Truck	\$81.36	15J	11M	8L	View

Truck Drivers	Dump Truck & Trailer	\$82.20	15J	11M	8L	View
Truck Drivers	Other Trucks	\$82.20	15J	11M	8L	View
Truck Drivers - Ready Mix	Transit Mix	\$82.20	15J	11M	8L	View
Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$17.13		1		View
Well Drillers & Irrigation Pump Installers	Oiler	\$17.13		1		View
Well Drillers & Irrigation Pump Installers	Well Driller	\$17.13		1		View

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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

1. N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- 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.
- 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 at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Overtime Codes Continued

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.

Overtime Codes Continued

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.
- V. 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.
- W. 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 6 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 on Sundays and Holidays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- 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.

Holiday Codes

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

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.
- 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.

Holiday Codes Continued

7. 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.

Holiday Codes Continued

15. 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.
- P. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Note Codes

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

Note Codes Continued

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.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Note Codes Continued

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

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

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

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

(A) – 130' to 199' – \$0.50 per hour over their classification rate.

(B) – 200' to 299' – \$0.80 per hour over their classification rate.

(C) – 300' and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.

Note Codes Continued

9. 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 at 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.
- 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.
- M. Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$1.50 per hour above their classification rate.
- 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 6 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.)

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.]

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ATTACHMENT B
FEDERAL PREVAILING RATES

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"General Decision Number: **WA20260001 01/23/2026**
 Superseded General Decision Number: WA20250001
 State: Washington
 Construction Type: Highway
 Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Modification Number	Publication Date
0	01/02/2026
1	01/23/2026

CARP0059-021 06/01/2025

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,
 FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND
 OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA
 COUNTIES

	Rates	Fringes
CARPENTER		
Assistant Diver Tender, ROV Tender/Technician.....	\$ 50.76	17.28
Bridge, Dock, and Wharf Carpenter.....	\$ 48.21	17.28
Carpenter.....	\$ 44.21	17.28
Diver Standby.....	\$ 55.24	17.28
Diver Tender, Manifold Operator, ROV Operator.....	\$ 54.24	17.28
Diver Wet.....	\$ 110.48	17.28
Manifold Operator-Mixed Gas.	\$ 58.24	17.28
Piledriver: Includes driving, pulling, cutting, placing collars, setting, welding, or creosote treated material, on all piling.....	\$ 49.76	17.28

Employees may be required to perform any combination of work within the Diving team/crew, (except for Dive Supervisor) provided they are paid at the highest rate of pay that they received during their shift.

CARP0096-002 06/01/2025

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM Counties

	Rates	Fringes
MILLWRIGHT.....	\$ 55.39	22.38

CARP0096-007 06/01/2025

SOUTHWEST WASHINGTON: CLARK, COWLITZ, LEWIS (Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA, and WAHIAKUM Counties.

	Rates	Fringes
MILLWRIGHT.....	\$ 59.35	22.38

* CARP0196-004 06/01/2025

CLARK, COWLITZ, *PACIFIC, SKAMANIA, AND WAHIAKUM COUNTIES
*PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY
EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY WEST TO
WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE
NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE
PENINSULA WEST OF WILLAPA BAY)

	Rates	Fringes
Piledriver.....	\$ 56.06	16.81

* CARP0196-006 06/01/2025

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, *PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES
* PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY
EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY WEST TO
THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE
120TH MERIDIAN

	Rates	Fringes
Piledriver.....	\$ 65.53	19.13

CARP0206-009 06/01/2025

KING AND KITSAP COUNTIES

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTER.....	\$ 65.58	19.13
CARPENTER.....	\$ 63.98	19.13
DIVER TENDER.....	\$ 71.77	19.13
DIVER.....	\$ 125.44	19.13

CARP0360-006 09/15/2025

PACIFIC COUNTY

PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY
EXTENDING THE NORTH BOUNDARY LINE OF WAHAKIYAKUM COUNTY WEST TO
THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE
120TH MERIDIAN

	Rates	Fringes
Carpenters:		
Bridge Carpenter.....	\$ 65.58	19.13
Carpenter/Drywall Hanger....	\$ 63.98	19.13
Diver Tender.....	\$ 71.77	19.13
Diver.....	\$ 125.44	19.13

Employees may be required to perform any combination of work
within the Diving team/crew, (except for Dive Supervisor)
provided they are paid at the highest rate of pay that they
received during their shift.

CARP0360-007 06/01/2025

PACIFIC COUNTY

PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY
EXTENDING THE NORTH BOUNDARY LINE OF WAHAKIYAKUM COUNTY WEST TO
WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE
NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE
PENINSULA WEST OF WILLAPA BAY)

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 54.69	16.81
DIVERS TENDERS.....	\$ 64.32	16.81
DIVERS.....	\$ 108.33	16.81
DRYWALL.....	\$ 54.59	16.81

Employees may be required to perform any combination of work
within the Diving team/crew, (except for Dive Supervisor)
provided they are paid at the highest rate of pay that they
received during their shift.

 CARP0360-013 06/01/2025

GRAYS HARBOR, LEWIS, MASON, PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTER.....	\$ 65.58	19.13
CARPENTER.....	\$ 63.98	19.13
DIVER TENDER.....	\$ 71.77	19.13
DIVER.....	\$ 125.44	19.13

Employees may be required to perform any combination of work within the Diving team/crew, (except for Dive Supervisor) provided they are paid at the highest rate of pay that they received during their shift.

 CARP0425-006 09/15/2025

CLALLAM, ISLAND, JEFFERSON, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTER.....	\$ 65.58	19.13
CARPENTER.....	\$ 63.98	19.13
DIVER TENDER.....	\$ 71.77	19.13
DIVER.....	\$ 125.44	19.13

Employees may be required to perform any combination of work within the Diving team/crew, (except for Dive Supervisor) provided they are paid at the highest rate of pay that they received during their shift.

 CARP0503-021 06/01/2025

CLARK, COWLITZ, SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 54.69	16.81
DIVERS TENDERS.....	\$ 64.32	16.81
DIVERS.....	\$ 108.33	16.81
DRYWALL.....	\$ 54.59	16.81

Employees may be required to perform any combination of work within the Diving team/crew, (except for Dive Supervisor) provided they are paid at the highest rate of pay that they received during their shift.

 CARP1607-010 06/01/2025

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,
 FRANKLIN, GARFIELD, GRANT, KLINKITAT, KITTITAS, LINCOLN,
 OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN,
 AND YAKIMA COUNTIES

	Rates	Fringes
MILLWRIGHT.....	\$ 61.62	20.43

ELEC0046-001 08/04/2025

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 83.56	33.71
ELECTRICIAN.....	\$ 75.96	33.48

* ELEC0048-003 01/01/2025

CLARK, KLINKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 63.50	29.73

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the
 free zone computed from the city center of the following
 listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and
 Astoria

Zone Pay:

Zone 1: 31-50 miles \$1.50/hour
 Zone 2: 51-70 miles \$3.50/hour
 Zone 3: 71-90 miles \$5.50/hour
 Zone 4: Beyond 90 miles \$9.00/hour

*These are not miles driven. Zones are based on Delorme
 Street Atlas USA 2006 plus.

 ELEC0048-029 01/01/2025

COWLITZ AND WAHIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 63.50	29.73

 ELEC0073-001 07/01/2025

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 49.55	19.09

ELEC0076-002 08/31/2025

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 71.65	26.76
ELECTRICIAN.....	\$ 65.14	26.56

ELEC0112-005 06/01/2025

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA
 WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 63.00	27.87
ELECTRICIAN.....	\$ 60.00	27.78

ELEC0191-003 06/01/2022

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 53.20	27.51

ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.82	17.63
ELECTRICIAN.....	\$ 42.45	21.34

ENGI0302-092 06/01/2025

KING AND SNOHOMISH COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 61.93	27.57
Group 1A.....	\$ 62.85	27.57
Group 1AA.....	\$ 63.75	27.57
Group 1AAA.....	\$ 64.66	27.57
Group 2.....	\$ 61.14	27.57
Group 3.....	\$ 60.46	27.57
Group 4.....	\$ 56.63	27.57

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1AAA

Cranes: 300 tons and over or 300? of boom including jib with attachments; Cranes Friction: 200 tons and over; Tower Cranes: over 250? in height from base to boom.

Group 1AA

Cranes: 200 tons- 299 tons, or 250? of boom including jib with attachments; Cranes: Friction cranes through 199 tons; Leverman; Shovel, Excavator, Backhoes: over 90 metric tons; Tower Crane: over 175? through 250? in height, base to boom.

Group 1A

Cranes: 100 tons through 199 tons, or 150? of boom (including jib with attachments); Drilling Machine; Overhead, bridge type: 100 tons and over; Tower Crane: up to 175? in height base to boom; Loader: Overhead 8 yards & over; Shovel, Excavator, Backhoes: over 50 metric tons and up to 90 metric tons; Mechanics.

Group 1

Asphalt plant Operators; Cableways; Concrete Pump: Truck mount with boom attachment over 42M; Cranes: 45 tons through 99 tons, under 150? of boom (including jib with attachments); Overhead, bridge type: 45 tons through 99 tons; Derricks: on building work; Hard Tail End Dump: articulating off-road equipment 45 yards & over; Loader: Overhead 6 yards but not including 8 yards; Motor Patrol Graders; Mucking Machine, Mole, Tunnel Drill, Boring, Road Header and/or Shield; Quad 9, HD 41, D10 and over; Remote Control Operator on rubber tired earth moving equipment; Rollagon; Scrapers, self-propelled: 45 yards and over; Spreader: Topsider & Screedman; Shovel, Excavator, Backhoe: over 30 metric tons and up to 50 metric tons; Slipform Pavers; Transporters: all track or truck type; Welder.

Group 2

Batch Plant Operator: concrete; Barrier Machine: (Zipper); Bump Cutter; Cranes: 20 tons through 44 tons with attachments; Overhead, bridge type Crane: 20 tons through 44 tons; Chipper; Concrete Pump: truck mount with boom attachment up to 42M; Crusher; Deck Engineer/Deck Winches (Power); Grade Engineer: using blue prints, cut sheets, etc.; -Finishing Machine: Bidwell and Gamaco & Similar Equipment; Guardrail Punch; Hard Tail End Dump: articulating off-road equipment under 45 yards; Horizontal/Directional Drill Operator; Loaders: Overhead under 6 yards; Loaders: Plant Feed; Locomotives: all; Material Transfer Device; Piledriver: (other than crane mount); Quick Tower: no cab, under 100 feet in height base to boom; Roto-Mill, Roto-Grinder; Shovel, Excavator, Backhoe, Tractor: 15 to 30 metric tons; Subgrader Trimmer; Scraper: self propelled under 45 yards; Truck Crane Oiler/Driver: 100 tons and over; Truck Mount Portable Conveyor; -Vac Truck (Vactor Guzzler, Hydro Excavator); Yo Yo Pay Dozer.

Group 3

Cranes: through 19 tons with attachments, A-frame over 10 tons; Concrete Pump: Mounted or trailer high pressure line pump, pump high pressure; Conveyors; Dozers: D-9 & under; Drill Oilers: auger type, truck or crane mount; Forklift: 3000 lbs and over with attachments; Horizontal/Directional Drill Locator; Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato; Tower Bucket Elevators; Hydralifts/Boom trucks: over 10 tons; Loaders: elevating type belt; Plant Oiler: asphalt, crusher; Rigger/Signal Person, Bellman (Certified); Roller: plant mix or multi-lift materials; Saws: Concrete; Scrapers: concrete & carry all Service Engineers: equipment; Trenching Machines; Truck Crane Oiler/Driver: under 100 tons; Shovel, Excavator, Backhoe, Tractors: under 15 metric tons.

Group 4

Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine: Laser Screed; Cranes, A-frame: 10 tons and under; Elevator and man-lift: permanent and shaft type; Forklifts: under 3000 lbs. with attachments; Gradechecker/Stakeman; Hydralifts/Boom Trucks: 10 tons and under; Oil distributors, Blower Distribution & Mulch Seeding Operator; Pavement Breaker; Posthole Digger: mechanical; Power Plant; Pumps: water; -Rigger and Bellman; Roller: other than plant mix; Wheel Tractors: Farm all type; Shotcrete/Gunite Equipment; Brokk: Remote demolition equipment

ENGI0302-093 06/01/2025

SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 61.47	27.57
Group 1A.....	\$ 62.39	27.57
Group 1AA.....	\$ 63.29	27.57
Group 1AAA.....	\$ 64.19	27.57
Group 2.....	\$ 60.69	27.57
Group 3.....	\$ 60.02	27.57
Group 4.....	\$ 56.19	27.57

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1AAA

Cranes: 300 tons and over or 300? of boom including jib with attachments; Cranes Friction: 200 tons and over; Tower Cranes: over 250? in height from base to boom.

Group 1AA

Cranes: 200 tons- 299 tons, or 250? of boom including jib with attachments; Cranes: Friction cranes through 199 tons; Leverman; Shovel, Excavator, Backhoes: over 90 metric tons; Tower Crane: over 175? through 250? in height, base to boom.

Group 1A

Cranes: 100 tons through 199 tons, or 150? of boom (including jib with attachments); Drilling Machine; Overhead, bridge type: 100 tons and over; Tower Crane: up to 175? in height base to boom; Loader: Overhead 8 yards & over; Shovel, Excavator, Backhoes: over 50 metric tons and up to 90 metric tons; Mechanics.

Group 1

Asphalt plant Operators; Cableways; Concrete Pump: Truck mount with boom attachment over 42M; Cranes: 45 tons through 99 tons, under 150? of boom (including jib with attachments); Overhead, bridge type: 45 tons through 99 tons; Derricks: on building work; Hard Tail End Dump: articulating off-road equipment 45 yards & over; Loader: Overhead 6 yards but not including 8 yards; Motor Patrol Graders; Mucking Machine, Mole, Tunnel Drill, Boring, Road Header and/or Shield; Quad 9, HD 41, D10 and over; Remote Control Operator on rubber tired earth moving equipment; Rollagon; Scrapers, self-propelled: 45 yards and over; Spreader: Topsider & Screedman; Shovel, Excavator, Backhoe: over 30 metric tons and up to 50 metric tons; Slipform Pavers; Transporters: all track or truck type; Welder.

Group 2

Batch Plant Operator: concrete; Barrier Machine: (Zipper); Bump Cutter; Cranes: 20 tons through 44 tons with attachments; Overhead, bridge type Crane: 20 tons through

44 tons; Chipper; Concrete Pump: truck mount with boom attachment up to 42M; Crusher; Deck Engineer/Deck Winches (Power); Grade Engineer: using blue prints, cut sheets, etc.; -Finishing Machine: Bidwell and Gamaco & Similar Equipment; Guardrail Punch; Hard Tail End Dump: articulating off-road equipment under 45 yards; Horizontal/Directional Drill Operator; Loaders: Overhead under 6 yards; Loaders: Plant Feed; Locomotives: all; Material Transfer Device; Piledriver: (other than crane mount); Quick Tower: no cab, under 100 feet in height base to boom; Roto-Mill, Roto-Grinder; Shovel, Excavator, Backhoe, Tractor: 15 to 30 metric tons; Subgrader Trimmer; Scraper: self propelled under 45 yards; Truck Crane Oiler/Driver: 100 tons and over; Truck Mount Portable Conveyor; -Vac Truck (Vactor Guzzler, Hydro Excavator); Yo Yo Pay Dozer.

Group 3

Cranes: through 19 tons with attachments, A-frame over 10 tons; Concrete Pump: Mounted or trailer high pressure line pump, pump high pressure; Conveyors; Dozers: D-9 & under; Drill Oilers: auger type, truck or crane mount; Forklift: 3000 lbs and over with attachments; Horizontal/Directional Drill Locator; Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato; Tower Bucket Elevators; Hydralifts/Boom trucks: over 10 tons; Loaders: elevating type belt; Plant Oiler: asphalt, crusher; Rigger/Signal Person, Bellman (Certified); Roller: plant mix or multi-lift materials; Saws: Concrete; Scrapers: concrete & carry all Service Engineers: equipment; Trenching Machines; Truck Crane Oiler/Driver: under 100 tons; Shovel, Excavator, Backhoe, Tractors: under 15 metric tons.

Group 4

Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine: Laser Screed; Cranes, A-frame: 10 tons and under; Elevator and man-lift: permanent and shaft type; Forklifts: under 3000 lbs. with attachments; Gradechecker/Stakeman; Hydralifts/Boom Trucks: 10 tons and under; Oil distributors, Blower Distribution & Mulch Seeding Operator; Pavement Breaker; Posthole Digger: mechanical; Power Plant; Pumps: water; -Rigger and Bellman; Roller: other than plant mix; Wheel Tractors: Farm all type; Shotcrete/Gunite Equipment; Brokk: Remote demolition equipment

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KITSAP COUNTY

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 60.93	27.57
Group 1A.....	\$ 61.83	27.57
Group 1AA.....	\$ 62.73	27.57
Group 1AAA.....	\$ 63.62	27.57
Group 2.....	\$ 60.14	27.57
Group 3.....	\$ 59.49	27.57
Group 4.....	\$ 55.68	27.57

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1AAA

Cranes: 300 tons and over or 300' of boom including jib with attachments; Cranes Friction: 200 tons and over; Tower Cranes: over 250' in height from base to boom.

Group 1AA

Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments; Cranes: Friction cranes through 199 tons; Leverman; Shovel, Excavator, Backhoes: over 90 metric tons; Tower Crane: over 175' through 250' in height, base to boom.

Group 1A

Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments); Drilling Machine; Overhead, bridge type: 100 tons and over; Tower Crane: up to 175' in height base to boom; Loader: Overhead 8 yards & over; Shovel, Excavator, Backhoes: over 50 metric tons and up to 90 metric tons; Mechanics.

Group 1

Asphalt plant Operators; Cableways; Concrete Pump: Truck mount with boom attachment over 42M; Cranes: 45 tons through 99 tons, under 150' of boom (including jib with attachments); Overhead, bridge type: 45 tons through 99 tons; Derricks: on building work; Hard Tail End Dump: articulating off-road equipment 45 yards & over; Loader: Overhead 6 yards but not including 8 yards; Motor Patrol Graders; Mucking Machine, Mole, Tunnel Drill, Boring, Road Header and/or Shield; Quad 9, HD 41, D10 and over; Remote Control Operator on rubber tired earth moving equipment; Rollagon; Scrapers, self-propelled: 45 yards and over; Spreader: Topsider & Screedman; Shovel, Excavator, Backhoe: over 30 metric tons and up to 50 metric tons; Slipform Pavers; Transporters: all track or truck type; Welder.

Group 2

Batch Plant Operator: concrete; Barrier Machine: (Zipper); Bump Cutter; Cranes: 20 tons through 44 tons with attachments; Overhead, bridge type Crane: 20 tons through 44 tons; Chipper; Concrete Pump: truck mount with boom attachment up to 42M; Crusher; Deck Engineer/Deck Winches (Power); Grade Engineer: using blue prints, cut sheets, etc.; -Finishing Machine: Bidwell and Gamaco & Similar Equipment; Guardrail Punch; Hard Tail End Dump: articulating off-road equipment under 45 yards; Horizontal/Directional Drill Operator; Loaders: Overhead under 6 yards; Loaders: Plant Feed; Locomotives: all; Material Transfer Device; Piledriver: (other than crane mount); Quick Tower: no cab, under 100 feet in height base to boom; Roto-Mill, Roto-Grinder; Shovel, Excavator, Backhoe, Tractor: 15 to 30 metric tons; Subgrader Trimmer; Scraper: self propelled under 45 yards; Truck Crane Oiler/Driver: 100 tons and over; Truck Mount Portable Conveyor; -Vac Truck (Vactor Guzzler, Hydro Excavator); Yo Yo Pay Dozer.

Group 3

Cranes: through 19 tons with attachments, A-frame over 10 tons; Concrete Pump: Mounted or trailer high pressure line pump, pump high pressure; Conveyors; Dozers: D-9 & under; Drill Oilers: auger type, truck or crane mount; Forklift: 3000 lbs and over with attachments; Horizontal/Directional Drill Locator; Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato; Tower Bucket Elevators; Hydralifts/Boom trucks: over 10 tons; Loaders: elevating type belt; Plant Oiler: asphalt, crusher; Rigger/Signal Person, Bellman (Certified); Roller: plant mix or multi-lift materials; Saws: Concrete; Scrapers: concrete & carry all Service Engineers: equipment; Trenching Machines; Truck Crane Oiler/Driver: under 100 tons; Shovel, Excavator, Backhoe, Tractors: under 15 metric tons.

Group 4

Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine: Laser Screed; Cranes, A-frame: 10 tons and under; Elevator and man-lift: permanent and shaft type; Forklifts: under 3000 lbs. with attachments; Gradechecker/Stakeman; Hydralifts/Boom Trucks: 10 tons and under; Oil distributors, Blower Distribution & Mulch Seeding Operator; Pavement Breaker; Posthole Digger: mechanical; Power Plant; Pumps: water; -Rigger and Bellman; Roller: other than plant mix; Wheel Tractors: Farm all type; Shotcrete/Gunite Equipment; Brokk: Remote demolition equipment

ENGI0302-095 06/01/2025

CHELAN(WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS(WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS(WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN(WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA(WEST OF THE 120TH MERIDIAN) COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 60.67	27.57
Group 1A.....	\$ 61.56	27.57
Group 1AA.....	\$ 62.47	27.57
Group 1AAA.....	\$ 63.35	27.57
Group 2.....	\$ 59.88	27.57
Group 3.....	\$ 59.23	27.57
Group 4.....	\$ 55.43	27.57

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1AAA

Cranes: 300 tons and over or 300? of boom including jib with attachments; Cranes Friction: 200 tons and over; Tower Cranes: over 250? in height from base to boom.

Group 1AA

Cranes: 200 tons- 299 tons, or 250? of boom including jib with attachments; Cranes: Friction cranes through 199 tons; Leverman; Shovel, Excavator, Backhoes: over 90 metric tons; Tower Crane: over 175? through 250? in height, base to boom.

Group 1A

Cranes: 100 tons through 199 tons, or 150? of boom (including jib with attachments); Drilling Machine; Overhead, bridge type: 100 tons and over; Tower Crane: up to 175? in height base to boom; Loader: Overhead 8 yards & over; Shovel, Excavator, Backhoes: over 50 metric tons and up to 90 metric tons; Mechanics.

Group 1

Asphalt plant Operators; Cableways; Concrete Pump: Truck mount with boom attachment over 42M; Cranes: 45 tons through 99 tons, under 150? of boom (including jib with attachments); Overhead, bridge type: 45 tons through 99 tons; Derricks: on building work; Hard Tail End Dump: articulating off-road equipment 45 yards & over; Loader: Overhead 6 yards but not including 8 yards; Motor Patrol Graders; Mucking Machine, Mole, Tunnel Drill, Boring, Road Header and/or Shield; Quad 9, HD 41, D10 and over; Remote Control Operator on rubber tired earth moving equipment; Rollagon; Scrapers, self-propelled: 45 yards and over; Spreader: Topsider & Screedman; Shovel, Excavator, Backhoe: over 30 metric tons and up to 50 metric tons; Slipform Pavers; Transporters: all track or truck type; Welder.

Group 2

Batch Plant Operator: concrete; Barrier Machine: (Zipper); Bump Cutter; Cranes: 20 tons through 44 tons with attachments; Overhead, bridge type Crane: 20 tons through 44 tons; Chipper; Concrete Pump: truck mount with boom attachment up to 42M; Crusher; Deck Engineer/Deck Winches (Power); Grade Engineer: using blue prints, cut sheets, etc.; -Finishing Machine: Bidwell and Gamaco & Similar Equipment; Guardrail Punch; Hard Tail End Dump: articulating off-road equipment under 45 yards; Horizontal/Directional Drill Operator; Loaders: Overhead under 6 yards; Loaders: Plant Feed; Locomotives: all; Material Transfer Device; Piledriver: (other than crane mount); Quick Tower: no cab, under 100 feet in height base to boom; Roto-Mill, Roto-Grinder; Shovel, Excavator, Backhoe, Tractor: 15 to 30 metric tons; Subgrader Trimmer; Scraper: self propelled under 45 yards; Truck Crane Oiler/Driver: 100 tons and over; Truck Mount Portable Conveyor; -Vac Truck (Vactor Guzzler, Hydro Excavator); Yo Yo Pay Dozer.

Group 3

Cranes: through 19 tons with attachments, A-frame over 10 tons; Concrete Pump: Mounted or trailer high pressure line pump, pump high pressure; Conveyors; Dozers: D-9 & under; Drill Oilers: auger type, truck or crane mount; Forklift: 3000 lbs and over with attachments; Horizontal/Directional Drill Locator; Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato; Tower Bucket Elevators; Hydralifts/Boom trucks: over 10 tons; Loaders: elevating type belt; Plant Oiler: asphalt, crusher; Rigger/Signal Person, Bellman (Certified); Roller: plant mix or multi-lift materials; Saws: Concrete; Scrapers: concrete & carry all Service Engineers: equipment; Trenching Machines; Truck Crane Oiler/Driver: under 100 tons; Shovel, Excavator, Backhoe, Tractors: under 15 metric tons.

Group 4

Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine: Laser Screed; Cranes, A-frame: 10 tons and under; Elevator and man-lift: permanent and shaft type; Forklifts: under 3000 lbs. with attachments; Gradechecker/Stakeman; Hydralifts/Boom Trucks: 10 tons and under; Oil distributors, Blower Distribution & Mulch Seeding Operator; Pavement Breaker; Posthole Digger: mechanical; Power Plant; Pumps: water; -Rigger and Bellman; Roller: other than plant mix; Wheel Tractors: Farm all type; Shotcrete/Gunite Equipment; Brokk: Remote demolition equipment

* ENGI0302-124 06/01/2025

ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS,
WALLA WALLA, AND WHITMAN

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 38.17	23.40
GROUP 2.....	\$ 38.56	23.40
GROUP 3.....	\$ 39.31	23.40
GROUP 4.....	\$ 39.51	23.40
GROUP 5.....	\$ 39.71	23.40
GROUP 6.....	\$ 40.00	23.40
GROUP 7.....	\$ 40.39	23.40
GROUP 8.....	\$ 42.36	23.40

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry

Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumora, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalmen (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

* ENGI0302-125 06/01/2025

ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 41.17	23.40
GROUP 2.....	\$ 41.56	23.40
GROUP 3.....	\$ 42.31	23.40
GROUP 4.....	\$ 42.51	23.40
GROUP 5.....	\$ 42.71	23.40
GROUP 6.....	\$ 43.05	23.40
GROUP 7.....	\$ 43.39	23.40
GROUP 8.....	\$ 45.36	23.40

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumora, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual

drum); Railroad Track Liner Operatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

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PIERCE County

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 62.32	27.32
GROUP 1AA.....	\$ 63.22	27.32
GROUP 1AAA.....	\$ 64.11	27.32
GROUP 1.....	\$ 61.41	27.32
GROUP 2.....	\$ 60.63	27.32
GROUP 3.....	\$ 59.96	27.32
GROUP 4.....	\$ 56.15	27.32

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom
(including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom
(including jib with attachments; Tower crane over 175 ft in
height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom
(including jib with attachments); Crane-overhead, bridge
type, 100 tons and over; Tower crane up to 175 ft in height
base to boom; Loaders-overhead, 8 yards and over; Shovels,
excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft
of boom (including jib with attachments); Crane-overhead,
bridge type, 45 tons thru 99 tons; Derricks on building
work; Excavator, shovel, backhoes over 3 yards and under 6
yards; Hard tail end dump articulating off-road equipment
45 yards and over; Loader- overhead, 6 yards to, but not
including, 8 yards; Mucking machine, mole, tunnel, drill
and/or shield; Quad 9 HD 41, D-10; Remote control operator
on rubber tired earth moving equipment; Rollagon;
Scrapers-self-propelled 45 yards and over; Slipform pavers;
Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-
concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with
attachments; Crane-Overhead, bridge type, 20 tons through
44 tons; Chipper; Concrete pump-truck mount with boom
attachment; Crusher; Deck engineer/deck winches (power);
Drilling machine; Excavator, shovel, backhoe-3 yards and
under; Finishing machine, Bidwell, Gamaco and similar
equipment; Guardrail punch; Loaders, overhead under 6

yards; Loaders-plant feed; Locomotives-all; Mechanics- all;
 Mixers, asphalt plant; Motor patrol graders, finishing;
 Piledriver (other than crane mount); Roto-mill, roto-
 grinder; Screedman, spreader, topside operator-Blaw Knox,
 Cedar Rapids, Jaeger, Caterpillar, Barbar Green;
 Scraper-self- propelled, hard tail end dump, articulating
 off-road equipment- under 45 yards; Subgrader trimmer;
 Tractors, backhoe over 75 hp; Transfer material service
 machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane
 oiler/driver-100 tons and over; Truck Mount Portable
 Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments;
 Crane-A-frame over 10 tons; Drill oilers-auger type, truck
 or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and
 over with attachments; Horizontal/directional drill
 locator; Outside Hoists-(elevators and manlifts), air
 tuggers, strato tower bucket elevators; Hydralifts/boom
 trucks over 10 tons; Loaders-elevating type, belt; Motor
 patrol grader-nonfinishing; Plant oiler- asphalt, crusher;
 Pump-Concrete; Roller, plant mix or multi-lfit materials;
 Saws-concrete; Scrapers, concrete and carry all; Service
 engineers-equipment; Trenching machines; Truck crane
 oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor;
 Concrete Finish Machine-laser screed; Cranes A-frame 10
 tons and under; Elevator and manlift (permanent and shaft
 type); Forklifts-under 3000 lbs. with attachments;
 Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and
 under; Oil distributors, blower distribution and mulch
 seeding operator; Pavement breaker; Posthole
 digger-mechanical; Power plant; Pumps-water; Rigger and
 Bellman; Roller-other than plant mix; Wheel Tractors,
 farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings
 and bridges whose total value is less than \$1.5 million
 excluding mechanical, electrical, and utility portions of
 the contract.
2. Projects of less than \$1 million where no building is
 involved. Surfacing and paving included, but utilities
 excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all
 craft classifications subject to working inside a federally
 designated hazardous perimeter shall be eligible for
 compensation in accordance with the following group
 schedule relative to the level of hazardous waste as
 outlined in the specific hazardous waste project site
 safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$.50 per hour.
H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.
H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.
H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

ENGI0612-008 06/01/2025

LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 61.22	27.32
GROUP 1AA.....	\$ 62.12	27.32
GROUP 1AAA.....	\$ 62.99	27.32
GROUP 1.....	\$ 60.32	27.32
GROUP 2.....	\$ 59.56	27.32
GROUP 3.....	\$ 58.89	27.32
GROUP 4.....	\$ 55.13	27.32

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom
(including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom
(including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom
(including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self-propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$.50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

ENGI0612-012 06/01/2025

THURSTON COUNTY

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 61.81	27.32
GROUP 1AA.....	\$ 62.71	27.32
GROUP 1AAA.....	\$ 63.59	27.32
GROUP 1.....	\$ 60.91	27.32
GROUP 2.....	\$ 60.14	27.32
GROUP 3.....	\$ 59.46	27.32
GROUP 4.....	\$ 55.68	27.32

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom
(including jib with attachments)

GROUP 1AA - Cranes- 200 tons to 300 tons, or 250 ft of boom
(including jib with attachments; Tower crane over 175 ft in height, base to boom)

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom
(including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barber Green; Scraper-self-propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor

patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

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H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$.50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

ENGI0701-002 01/01/2025

CLARK, COWLITZ, KLICKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHAKIUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 58.94	17.15
GROUP 1A.....	\$ 61.10	17.15
GROUP 1B.....	\$ 63.26	17.15
GROUP 2.....	\$ 57.03	17.15
GROUP 3.....	\$ 55.88	17.15
GROUP 4.....	\$ 52.55	17.15
GROUP 5.....	\$ 51.31	17.15
GROUP 6.....	\$ 48.09	17.15

Zone Differential (add to Zone 1 rates):

Zone 2 - \$3.00

Zone 3 - \$6.00

For the following metropolitan counties: MULTNOMAH;
CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA;
CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS
INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE;
GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1

Concrete Batch Plant and or Wet mix three (3) units or more;
 Crane, Floating one hundred and fifty (150) ton but less than two hundred and fifty (250) ton; Crane, two hundred (200) ton through two hundred ninety nine (299) ton with two hundred foot (200') boom or less (including jib, inserts and/or attachments); Crane, ninety (90) ton through one hundred ninety nine (199) ton with over two hundred (200') boom Including jib, inserts and/or attachments); Crane, Tower Crane with one hundred seventy five foot (175') tower or less and with less than two hundred foot (200') jib; Crane, Whirley ninety (90) ton and over;
 Helicopter when used in erecting work

Group 1A

Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

Group 1B

Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

Group 2

Asphalt Plant (any type); Asphalt Roto-Mill, pavement profiler eight foot (8') lateral cut and over; Auto Grader or "Trimmer"; Blade, Robotic; Bulldozer, Robotic Equipment (any type); Bulldozer, over one hundred twenty thousand (120,000) lbs. and above; Concrete Batch Plant and/or Wet Mix one (1) and two (2) drum; Concrete Diamond Head Profiler; Canal Trimmer; Concrete, Automatic Slip Form Paver (Assistant to the Operator required); Crane, Boom Truck fifty (50) ton and with over one hundred fifty foot (150') boom and over; Crane, Floating (derrick barge) thirty (30) ton but less than one hundred fifty (150) ton; Crane, Cableway twenty-five (25) ton and over; Crane, Floating Clamshell three (3) cu. Yds. And over; Crane, ninety (90) ton through one hundred ninety nine (199) ton up to and including two hundred foot (200') of boom (including jib inserts and/or attachments); Crane, fifty (50) ton through eighty nine (89) ton with over one hundred fifty foot (150') boom (including jib inserts and/or attachments); Crane, Whirley under ninety (90) ton; Crusher

Plant; Excavator over one hundred thirty thousand (130,000) lbs.; Loader one hundred twenty thousand (120,000) lbs. and above; Remote Controlled Earth Moving Equipment; Shovel, Dragline, Clamshell, five (5) cu. Yds. And over; Underwater Equipment remote or otherwise, when used in construction work; Wheel Excavator any size

Group 3

Bulldozer, over seventy thousand (70,000) lbs. up to and including one hundred twenty thousand (120,000) lbs.; Crane, Boom Truck fifty (50) ton and over with less than one hundred fifty foot (150') boom; Crane, fifty (50) ton through eighty nine (89) ton with one hundred fifty foot (150') boom or less (including jib inserts and/or attachments); Crane, Shovel, Dragline or Clamshell three (3) cu. yds. but less than five (5) cu. Yds.; Excavator over eighty thousand (80,000) lbs. through one hundred thirty thousand (130,000) lbs.; Loader sixty thousand (60,000) lbs. and less than one hundred twenty thousand (120,000) lbs.

Group 4

Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading;

Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine; Ultra High Pressure Water Jet Cutting Tool System Operator; Vacuum Blasting Machine Operator; Water pulls, Water wagons

Group 5

Asphalt, Extrusion Machine; Asphalt, Roller (any asphalt mix); Asphalt, Roto-Mill pavement profiler ground man; Bulldozer, twenty thousand (20,000) lbs. or less, or one hundred (100) horse or less; Cement Pump; Chip Spreading Machine; Churn Drill and Earth Boring Machine; Compactor, self-propelled without blade; Compressor, (any power) one thousand two hundred fifty (1,250) cu. ft. and over, total capacity; Concrete, Batch Plant Quality control; Concrete, Combination Mixer and compressor operator, gunite work; Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete, Finishing Machine; Concrete, Grouting Machine; Concrete, Internal Full Slab Vibrator Operator; Concrete, Joint Machine; Concrete, Mixer single drum, any capacity; Concrete, Paving Machine eight foot (8') or less; Concrete, Planer; Concrete, Pump; Concrete, Pump Truck; Concrete, Pumpcrete Operator (any type); Concrete, Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Conveyored Material Hauler; Crane, Boom Truck under twenty (20) tons; Crane, Boom Type lifting device, five (5) ton capacity or less; Drill, Directional type less than twenty thousand (20,000) lbs. pullback; Fork Lift, over ten (10) ton or Robotic; Helicopter Hoist; Hoist Operator, single drum; Hydraulic Backhoe track type up to and including twenty thousand (20,000) lbs.; Hydraulic Backhoe wheel type (any make); Laser Screed; Loaders, rubber-tired type, less than twenty five thousand (25,000) lbs.; Pavement Grinder and/or Grooving Machine (riding type); Pipe, cast in place Pipe Laying Machine; Pulva-Mixer or similar types; Pump Operator, more than five (5) pumps (any size); Rail, Ballast Compactor, Regulator, or Tamper machines; Service Oiler (Greaser); Sweeper Self-Propelled; Tractor, Rubber-Tired, fifty (50) HP flywheel and under; Trenching Machine Operator, maximum digging capacity three foot (3') depth; Tunnel, Locomotive, Dinkey; Tunnel, Power Jumbo setting slip forms, etc.

Group 6

Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steer (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feeder; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

IRON0014-005 07/07/2025

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 43.40	32.77

IRON0029-002 07/07/2025

CLARK, COWLITZ, KILLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIAKUM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 48.31	34.52

IRON0086-002 07/07/2025

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 43.40	32.77

IRON0086-004 07/07/2025

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 57.94	34.52

LABO0238-004 06/01/2025

A-1 AREA: ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, WALLA WALLA, AND WHITMAN COUNTIES

A-2 AREA: ADAMS, COLUMBIA, DOUGLAS (East of 120th Meridian), FERRY, GRANT, OKANOGAN, PEND OREILLE, AND STEVENS COUNTIES

	Rates	Fringes
LABORER (A-1)		
GROUP 1.....	\$ 34.03	16.90
GROUP 2.....	\$ 37.13	16.90
GROUP 3.....	\$ 37.46	16.90
GROUP 4.....	\$ 37.80	16.90
GROUP 5.....	\$ 38.14	16.90
LABORER (A-2)		
GROUP 1.....	\$ 37.03	16.90
GROUP 2.....	\$ 40.13	16.90
GROUP 3.....	\$ 40.46	16.90
GROUP 4.....	\$ 40.80	16.90
GROUP 5.....	\$ 41.14	16.90

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder; Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Buckler and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man;

All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Asphalt Raker; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Guniting (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on raises and shafts)

LABO0238-006 06/01/2025

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

	Rates	Fringes
Hod Carrier.....	\$ 38.05	16.75

LABO0242-003 06/01/2025		

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 36.07	15.79
GROUP 2A.....	\$ 40.88	16.72
GROUP 3.....	\$ 50.38	16.96
GROUP 4.....	\$ 51.52	16.99
GROUP 5.....	\$ 52.31	17.01
GROUP 6.....	\$ 53.99	17.05

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the
respective city hall

ZONE 3 - More than 45 radius miles from the respective city
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective
city hall

ZONE 2 - More than 25 radius miles from the respective city
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window
Washer/Cleaner (detail clean-up, such as but not limited to
cleaning floors, ceilings, walls, windows, etc., prior to
final acceptance by the owner)

GROUP 2A: Batch Weighman; Crusher Feeder; Fence Laborer;
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

Group 6: Miner

LABO0252-010 06/01/2025

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC
(EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 36.07	15.79
GROUP 2.....	\$ 40.88	16.72
GROUP 3.....	\$ 50.38	16.96
GROUP 4.....	\$ 51.52	16.99
GROUP 5.....	\$ 52.31	17.01

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective
city hall
ZONE 2 - More than 25 but less than 45 radius miles from the
respective city hall
ZONE 3 - More than 45 radius miles from the respective city
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective
city hall
ZONE 2 - More than 25 radius miles from the respective city
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window
Washer/Cleaner (detail clean-up, such as but not limited to
cleaning floors, ceilings, walls, windows, etc., prior to
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating
Screed; Asbestos Abatement Laborer; Ballast Regulator
Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter
Tender; Cement Finisher Tender; Change House or Dry Shack;
Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender;
Clean-up Laborer; Concrete Form Stripper; Curing Laborer;

Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Groutmen (pressure including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Grade Checker and Transit Person; High Scaler; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

LABO0292-008 06/01/2025

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 36.07	15.79
GROUP 2.....	\$ 40.88	16.72
GROUP 3.....	\$ 50.38	16.96
GROUP 4.....	\$ 51.52	16.99
GROUP 5.....	\$ 52.31	17.01

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
 ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
 ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
 ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit");

High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

LABO0335-022 06/01/2025

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHIAKUM COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 32.67	15.60
GROUP 2.....	\$ 40.56	15.60
GROUP 3.....	\$ 44.06	15.60
GROUP 4.....	\$ 44.90	15.60
GROUP 5.....	\$ 45.54	15.60
GROUP 6.....	\$ 46.08	15.60

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping, and/or Planting Laborers

GROUP 2: Fence Builders and Traffic Flaggers

GROUP 3: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Hod Carrier; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand

placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 4: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunit Nozzleman Tender; Gunit or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 5: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunit Nozzleman; High Scalars, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 6: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

LABO0348-003 06/01/2025

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 31.19	16.48
GROUP 2.....	\$ 35.34	16.59
GROUP 3.....	\$ 38.40	16.66
GROUP 4.....	\$ 39.26	16.68
GROUP 5.....	\$ 39.89	16.70

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall

ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall

ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall

ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

PAIN0005-002 07/01/2025

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 41.80	20.85

PAIN0010-012 07/01/2025

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
PAINTER (Brush, Roller, Spray & Sandblasting).....	\$ 39.94	16.68

PAIN0010-013 07/01/2025

CLARK, COWLITZ, KICKITAT, PACIFIC, SKAMANIA and WAHIAKUM
COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....	\$ 41.19	17.09

PAIN0300-007 07/01/2025

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,
MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, AND
WHATCOM COUNTIES

	Rates	Fringes
PAINTER.....	\$ 41.24	14.70

PAIN0427-005 07/01/2025

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE);
CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS,
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA,
WHITMAN, AND YAKIMA COUNTIES

	Rates	Fringes
PAINTER (Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water, Sandblasting, Over 30'/Swing Stage Work, Brush, Roller, Striping, Steam-cleaning, and Spray).....	\$ 36.26	17.01

PLAS0072-004 06/01/2025

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,
FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND
OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA
COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1.....	\$ 40.89	18.64

Zone Differential (Add to Zone 1 rate): Zone 2 - \$3.00

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee

Zone 1: 0 - 45 radius miles from the main post office

Zone 2: Over 45 radius miles from the main post office

PLAS0528-001 06/01/2024

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING,
KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT,
SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON.....	\$ 54.16	21.27
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 54.66	21.27
TROWELING MACHINE OPERATOR ON COMPOSITION.....	\$ 54.66	21.27

PLAS0555-002 06/01/2025

CLARK, KLINKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..	\$ 48.05	20.31
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 47.09	20.31
CEMENT MASONS.....	\$ 46.13	20.31
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 47.09	20.31

Zone Differential (Add To Zone 1 Rates):

Zone 2 - \$0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND,
SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall

ZONE 2: More than 30 miles but less than 40 miles from the
respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall

TEAM0037-002 06/01/2024

CLARK, COWLITZ, KLUCKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 33.09	17.63
GROUP 2.....	\$ 33.24	17.63
GROUP 3.....	\$ 33.40	17.63
GROUP 4.....	\$ 33.72	17.63
GROUP 5.....	\$ 33.97	17.63
GROUP 6.....	\$ 34.18	17.63
GROUP 7.....	\$ 34.42	17.63

Zone Differential (Add to Zone 1 Rates):

Zone 2 - \$0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts

(all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trucks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom dumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

* TEAM0174-001 06/01/2025

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:.....	\$ 55.43	27.52
GROUP 2:.....	\$ 54.59	27.52
GROUP 3:.....	\$ 51.78	27.52
GROUP 4:.....	\$ 46.81	27.52
GROUP 5:.....	\$ 54.98	27.52

ZONE B (25-45 miles from center of listed cities*): Add \$.70 per hour to Zone A rates.

ZONE C (over 45 miles from centr of listed cities*): Add \$1.00 per hour to Zone A rates.

*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired) (when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by \$2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."

LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

TEAM0690-004 06/01/2024

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Truck drivers: (AREA 1: SPOKANE ZONE CENTER: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pen Oreille, Spokane, Stevens, and Whitman Counties		
AREA 1: LEWISTON ZONE CENTER: Asotin, Columbia, and Garfield Counties		
AREA 2: PASCO ZONE CENTER: Benton, Franklin, Walla Walla and Yakima Counties)		
AREA 1:		
GROUP 1.....	\$ 36.83	20.93
GROUP 2.....	\$ 39.47	20.93
GROUP 3.....	\$ 39.58	20.93
GROUP 4.....	\$ 39.91	20.93
GROUP 5.....	\$ 40.02	20.93
GROUP 6.....	\$ 40.22	20.93
GROUP 7.....	\$ 40.56	20.93
GROUP 8.....	\$ 40.88	20.93
AREA 2:		
GROUP 1.....	\$ 33.83	20.93
GROUP 2.....	\$ 36.47	20.93
GROUP 3.....	\$ 36.58	20.93
GROUP 4.....	\$ 36.91	20.93
GROUP 5.....	\$ 37.02	20.93
GROUP 6.....	\$ 37.22	20.93
GROUP 7.....	\$ 37.56	20.93
GROUP 8.....	\$ 37.88	20.93
Zone Differential (Add to Zone 1 rate: Zone 1 + \$2.00)		
BASE POINTS: Spokane, Pasco, Lewiston		
Zone 1: 0-45 radius miles from the main post office.		
Zone 2: Outside 45 radius miles from the main post office		

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power
Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and
under); Leverperson (loading trucks at bunkers); Trailer
Mounted Hydro Seeder and Mulcher; Seeder & Mulcher;
Stationary Fuel Operator; Tractor (small, rubber-tired,
pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self-loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - \$.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - \$1.00 PER HOUR (Uses supplied air in conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:

Trucks Pulling Equipment Trailers: shall receive \$.15/hour over applicable truck rate

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", "SA", or "SC" denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The "SU" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The "SA" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210.

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END OF GENERAL DECISION"

ATTACHMENT C

FEDERAL CONTRACT PROVISIONS (FHWA 1273), W/ AMENDMENT

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REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Non-segregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under title 23, United States Code, as required in 23 CFR 633.102(b) (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). 23 CFR 633.102(e).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider. 23 CFR 633.102(e).

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services) in accordance with 23 CFR 633.102. The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract). 23 CFR 633.102(b).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work

performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract. 23 CFR 633.102(d).

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR Part 230, Subpart A, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal Employment Opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (see 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140, shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract. 23 CFR 230.409 (g)(4) & (5).

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, sexual orientation, gender identity, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action or are substantially involved in such action, will be made fully cognizant of and will implement the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action

within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs (i.e., apprenticeship and on-the-job training programs for the geographical area of contract performance). In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. 23 CFR 230.409. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide

sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants /

Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established thereunder. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:

The contractor shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors, suppliers, and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurances Required:

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

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

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women.

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, the contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location under the contractor's control where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act ([29 CFR part 3](#))), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

(ii) The classification is used in the area by the construction industry; and

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is used in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division

under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. *Fringe benefits not expressed as an hourly rate.* Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph

2.a. of this section or Section V, paragraph 3.a., or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901–3907](#).

3. Records and certified payrolls (29 CFR 5.5)

a. Basic record requirements (1) Length of record retention. All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) Information required. Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) Additional records relating to fringe benefits. Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) Additional records relating to apprenticeship. Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. Certified payroll requirements (1) Frequency and method of submission. The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting

agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) Information required. The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHDL/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) Statement of Compliance. Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in [29 CFR part 3](#); and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) Use of Optional Form WH-347. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address

of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices (1) Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with

the equal employment opportunity requirements of Executive Order 11246, as amended, and [29 CFR part 30](#).

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert FHWA-1273 in any subcontracts, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or

mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* \$31 as of January 15, 2023 (See 88 FR 88 FR 2210) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section IV paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the

event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

- a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;
- b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;
- c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or
- d. Informing any other person about their rights under CWHSSA or this part.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" in paragraph 1 of Section VI refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and

health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;.

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

3. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily

excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

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XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or

cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

XII. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

ATTACHMENT D

GEOTECHNICAL ENGINEERING REPORT
Perry – Stone to Sheridan Non-Motorized Improvements,
Project No. AS210516-F, March 17, 2025, FINAL

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GEOTECHNICAL ENGINEERING REPORT

Perry - Stone to Sheridan Non-Motorized
Improvements

Prepared for: Kitsap County Department of Public
Works

Project No. AS210516-F • March 17, 2025 FINAL



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GEOTECHNICAL ENGINEERING REPORT

Perry - Stone to Sheridan Non-Motorized Improvements

Prepared for: Kitsap County Department of Public
Works

Project No. AS210516-F • March 17, 2025 FINAL

Aspect Consulting



3/17/2025

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1 Introduction

This report presents the results of a geotechnical investigation and evaluation, prepared by Aspect Consulting, a Geosyntec company (Aspect), supporting the Perry Avenue Non-Motorized Improvements Project (Project) located along Perry Avenue between Stone Way and NE Sheridan Road in Kitsap County (Site; Figure 1). The Project design is being led by the Kitsap County Department of Public Works (County).

This report summarizes the results of Aspect's completed field investigations and laboratory testing and presents our geotechnical design and construction recommendations for the Project.

1.1 Project Description and Background

Our understanding of the Project is based on communications with the County and our review of the 30 percent drawings (County, 2024). The total length of the Project is approximately 1,650 linear feet. The Project includes comprehensive improvements to the Perry Avenue NE roadway corridor. Based on the design drawings, we understand the Project includes the following improvements:

- Flexible (asphalt) pavement restoration consisting of full-depth reconstruction and/or mill and overlay rehabilitation across the full width of the vehicular travel way.
- Construction of new nonmotorized facilities, including asphalt bike lanes and concrete sidewalks, ramps, curbs, and gutters.
- Gravity block fill walls with up to 10 feet exposed wall height to facilitate fill grade changes at the right-of-way (ROW) limits.
- Gravity block cut walls with up to 6 feet exposed wall height to facilitate cut grade changes at the ROW limits.
- Stormwater improvements consisting of a roadside infiltration facility.

Aspect completed a data review and geologic reconnaissance, subsurface explorations and laboratory testing, geotechnical engineering analyses, and preparation of this report. Our work was completed in general accordance with Task Authorization No. 6 of our On-Call Geotechnical Services contract (#KC-662-21).

2 Site Conditions

The sections below describe the Site conditions gathered and inferred from our review of publicly available information (e.g., maps, photographs, etc.), our observations made during a Site reconnaissance, the results of infiltration testing completed on June 26 and 27, 2024, and the results of subsurface explorations completed on July 23, 2024.

2.1 Surface Conditions

The existing Perry Avenue NE roadway corridor is a north-south urban minor arterial located near Bremerton that extends from East 9th Street (to the south) to NE Riddell Road (to the north). The Project is limited to the ROW between NE Stone Way and Sheridan Road. The existing roadway section consists of two, approximately 11-foot-wide asphalt pavement travel lanes with unimproved shoulders and intermittent roadside ditches (or cut/fill slopes) on the east and west sides. The pavement is generally in good condition, with some minor longitudinal cracking, rutting, and fatigue (alligator) cracking visible in localized areas.

The existing roadway rises towards the north at an average gradient of approximately 1 percent and generally drains to the south via a network of shallow roadside ditches and a limited system of inlets and subsurface pipes/culverts located mostly at intersections. Most of the existing roadway corridor is a “cut-and-fill” section that sits topographically lower than the existing grades outside the ROW to the west and higher than existing grades outside the ROW to the east. We did not observe evidence of significant erosion, raveling, or sloughing during our field investigations. On either side of the roadway, the ROW corridor is developed with mixed-use commercial and residential properties and vegetated with low grasses, shrubs, and mature conifers. Representative surface conditions are shown in Photograph 1.



Photograph 1. *Perry Avenue NE, looking north near AB-01 at representative pavement conditions.*

2.2 Geologic Setting

The Site is located within the Puget Lowland, a complex tectonic environment flanked by two mountain ranges—the Cascades to the east and the Olympics to the west. The sediments within the Puget Lowland result from repeated cycles of glacial and nonglacial deposition and erosion. During nonglacial cycles, the area was dominated by lowland forests and broad river valleys. During glacial cycles, ice sheets up to 3,000 feet thick occupied the Puget Lowland and surrounding areas, carved out the deep marine waterways and river valleys, and sculpted the uplands.

The most current geologic mapping (Yount et al., 1993) indicates subsurface conditions in the Site vicinity consist primarily of Vashon till (Qvt) with Vashon advance outwash deposits (Qva) and Pleistocene nonglacial deposits (Qup) mapped nearby. The Vashon stade of the Fraser glaciation was the most recent glacial advance. Till refers to glacial sediment deposited directly by the glacial ice. Advance outwash refers to glacial sediment deposited by meltwater at the terminus of the advancing glacier then subsequently overridden by glacial ice. Pleistocene nonglacial deposits were deposited prior to the Vashon glaciation. The geologic map describes these deposits as:

Vashon till (Qvt): clay, silt, sand, pebbles, cobbles, and isolated boulders or diamicton (matrix of varied particle sizes); nonsorted; nonstratified.

Vashon advance outwash sand (Qgas): Diamicton of sand, silt, clay, pebbles; well sorted; well stratified; thinly to thickly bedded.

Pleistocene non-glacial deposits (Qup): gravel, sand, silt, and clay of uncertain facies or provenance.

The results of our subsurface explorations were generally consistent with the geologic mapping and our expectations.

2.3 Subsurface Conditions

We investigated the subsurface conditions at the Site with three drilled soil borings (designated as AB-01 through AB-03) and one small-scale pilot infiltration test (PIT; APIT-01). The borings were completed on July 23, 2024, and the PIT was completed from June 26 to June 27, 2024. The drilled borings were completed with a track-mounted drill rig advancing an 8-inch (4.25-inch-inside-diameter) hollow-stem auger to depths of approximately 21.5 feet below ground surface (bgs) in the roadway pavement. The PIT was excavated with an excavator outside the roadway pavement and completed with water imported from off-Site. The exploration locations are shown on Figure 2, as well as the locations of key Project components (proposed retaining walls and the infiltration facility).

Subsurface conditions at the Site were inferred from our observations during the field investigations and confirmed through a geologic review of the soil samples and geotechnical laboratory testing. A more detailed description of the field exploration methods and exploration logs are presented in Appendix A along with the laboratory data in Appendix B.

2.3.1 Stratigraphy

The primary stratigraphic units observed at the Site, presented in order from top to bottom, were pavement and base course, Vashon glacial till, Vashon advance outwash sand, and Pleistocene nonglacial deposits. These units are described in more detail below.

Pavement Section

We encountered road surfacing consisting of hot-mix asphalt pavement over crushed aggregate base course in each of the three drilled soil borings (AB-01 through AB-03). The thickness of the asphalt was approximately 3 inches, and the thickness of the aggregate base was approximately 6 inches.

Vashon Glacial Till

We encountered Vashon glacial till in AB-01 through AB-03 and APIT-01 consisting of medium dense to dense, slightly moist to moist, brown, silt with sand, silty sand with gravel, to silty gravel with sand (ML, SM, GM). The Vashon glacial till extended from just below the pavement section (AB-01 through AB-03), or a surficial layer of topsoil (APIT-01), to approximately 17 feet bgs in AB-01, 7 to 8 feet bgs in AB-02 and AB-03, and 4 feet bgs in APIT-01.

The Vashon glacial till can be expected to exhibit high shear strength, low permeability, and low compressibility characteristics.

Vashon Advance Outwash Sand

We encountered Vashon advance outwash in AB-01 through AB-03 and APIT-01 consisting of medium dense to dense, slightly moist to wet, brown and gray sand with varying amounts of silt and gravel (SM, SP-SM, SP, SW). The Vashon advance outwash sand extended from just below the Vashon glacial till in AB-01 through AB-03 and APIT-01, to the bottom of the exploration (21.5 feet bgs) in AB-01, 17.5 feet bgs in AB-02, 20 feet bgs in AB-03, and from 4 to 11 feet bgs in APIT-01.

The Vashon advance outwash we encountered in our explorations exhibited variable density and fines content, which will affect the permeability (hydraulic conductivity) of the deposit as a whole. For example, we encountered multiple silt lenses in AB-03 at approximately 11, 14, and 18 feet bgs, and none in AB-01 or AB-02. Localized lenses of soil with higher density and/or elevated fines content will control the permeability of the deposit.

The Vashon advance outwash can be expected to exhibit high shear strength characteristics, variable low to moderate permeability, and low compressibility characteristics.

Pleistocene Nonglacial Deposits

We encountered Pleistocene nonglacial deposits in AB-02 and AB-03 consisting of hard/very dense, wet, brown, gravel with sand to silt with gravel (ML, GP). The Pleistocene nonglacial deposits extended from just below the Vashon advance outwash to the bottom of the exploration (21.5 bgs) in AB-02 and AB-03.

2.3.2 Groundwater

We encountered groundwater in AB-01 at 17.5 feet bgs, AB-02 at 15 feet bgs, and AB-03 at 12.5 feet bgs. We did not encounter groundwater in APIT-01 (completed to 11 feet bgs). Our explorations were completed during the drier summer months, and it should be noted that localized seepage and perched groundwater zones may be encountered at shallower depths depending on local subsurface conditions, precipitation, and the time of year.

3 Conclusions and Recommendations

We understand that the Project will be designed and constructed in general accordance with applicable County (County, 2020) and Washington State Department of Transportation (WSDOT; WSDOT, 2024) standards.

Based on the observed subsurface conditions and our experience with local construction practices, it is our opinion that the Project is feasible from a geotechnical perspective. We have identified the following primary geotechnical elements associated with the Project and summarized our conclusions and recommendations below:

- Our recommended design parameters for cut and fill gravity block walls are provided in Section 3.2. We have analyzed the feasibility of the gravity block retaining walls up to an expected 10-foot maximum exposed height for fill walls and 6-foot maximum exposed wall height for cut walls.
- In our opinion, stormwater infiltration is feasible at the location identified by the County and shown on Figure 2. We did not encounter the regional groundwater table or hydraulically restrictive soil layers in our PIT. We calculated long-term infiltration rates for use in design based on our completed PIT. Our recommendations are summarized in Table 3 of Section 3.4.
- The shallow Site soils are relatively dense and will be sufficient as a pavement subgrade. We included flexible pavement subgrade design recommendations in Section 3.5.

3.1 Seismic Design

Based on our understanding of the Project and our interpretation of the seismic performance objectives of the WSDOT Geotechnical Design Manual (WSDOT, 2022), global stability of the proposed walls during seismic loading will not be considered for the Project. This assumption is based on our understanding of the maximum planned height of the proposed walls and the limited expected risks to life safety during the design seismic event. If significant portions of the proposed walls exceed 10 feet, they should be designed for seismic loading and assessed for global stability during the design seismic event.

Regarding liquefaction, the Washington Department of Natural Resources (DNR) maps the Site as having very low liquefaction susceptibility (DNR, 2004). Given the depth of the groundwater table and the geology at the Site, we do not consider liquefaction to be a hazard for the Project. The potential for surficial ground rupture at the Site is also considered low due to the recurrence interval of expected earthquakes and the proximity of the Site to mapped fault traces.

3.2 Gravity Block Retaining Walls

In our opinion, it is feasible to utilize concrete modular block gravity retaining walls to facilitate grade changes at the ROW limits. We assume that the walls will be designed by the construction contractor or modular block wall manufacturer using our geotechnical recommendations as inputs for proprietary wall design software. The proprietary wall

design software will be capable of accounting for any inclined backslope or foreslope conditions and surcharge loads. For a temporary traffic surcharge load, we recommend a uniform load of 250 pounds per square foot (psf) be applied at the surface behind the fill walls within the limits of expected vehicular travel ways.

We have included representative global stability analyses for the critical cut wall and fill wall sections based on our understanding of the proposed Site grading and our inferred stratigraphy, to verify global stability can be achieved during detailed design. Details are included in subsequent sections.

3.2.1 Cut Wall Design Recommendations

Based on the results of our exploration program, we expect the proposed cut walls will generally bear on medium dense to very dense Vashon glacial till and retain a combination of imported structural fill and Vashon glacial till. We recommend that cut walls up to a maximum exposed height of 6 feet be designed using the parameters shown in Table 1.

Table 1. Recommended Cut Wall Design Parameters

Design Parameter	Recommended Value
Retained Soil Type	Vashon Glacial Till/Structural Fill
Retained Soil Friction Angle, ϕ'	38 degrees
Retained Soil Total Unit Weight, γ	135 pounds per cubic foot
Foundation Bearing Soil Type	Vashon Glacial Till
Foundation Coefficient of Sliding Resistance ¹ , μ	0.55
Foundation Bearing Capacity ²	6,000 pounds per square foot

Notes:

1. Coefficient of frictional resistance between bottom block and granular bearing pad. This value is allowable and includes a factor of safety of approximately 1.5.
2. This value is allowable and includes an approximate factor of safety of 3.0.

3.2.2 Fill Wall Design Recommendations

Based on the results of our exploration program, we expect that the proposed fill walls will generally retain imported structural fill and Vashon glacial till with variable density, ranging from medium dense to very dense. Depending on the final Site grading, the fill walls could bear on Vashon advance outwash or Vashon glacial till. To be appropriately conservative, we have assumed the fill walls will bear on Vashon advance outwash and retain a combination of imported structural fill and Vashon glacial till. We recommend that fill walls up to a maximum exposed height of 10 feet be designed using the parameters shown in Table 2.

Table 2. Recommended Fill Wall Design Parameters

Design Parameter	Recommended Value
Retained Soil Type	Vashon Glacial Till/Structural Fill
Retained Soil Friction Angle, ϕ'	38 degrees
Retained Soil Total Unit Weight, γ	135 pounds per cubic foot
Foundation Bearing Soil Type	Vashon Advance Outwash
Foundation Coefficient of Sliding Resistance ¹ , μ	0.55
Foundation Bearing Capacity ²	4,000 pounds per square foot

Notes:

1. Coefficient of frictional resistance between bottom block and granular bearing pad. This value is allowable and includes a factor of safety of approximately 1.5.
2. This value is allowable and includes an approximate factor of safety of 3.0.

3.3 Global Stability Analysis

To evaluate the global stability of the proposed walls, we conducted stability analyses using the computer model Slide2 (Rocscience, 2022). The Slide2 program performs slope stability computations based on the modeled conditions and calculates a factor of safety against slope failure, which is defined as the ratio of resisting forces to driving forces. A factor of safety of 1.0 indicates a “just-stable” condition, and a factor of safety less than 1.0 would indicate unstable conditions. For wall global stability, we recommend a minimum static factor of safety of 1.5. Stratigraphy and soil engineering properties were inferred from the results of our subsurface exploration program.

Detailed model geometries, input parameters, and output results are in Appendix C. Our global stability analyses met the minimum required factor of safety under static conditions. Key assumptions and conclusions for global stability are detailed below.

Gravity Block Cut Walls (Appendix C – Cut Wall)

- The cut walls will retain a combination of imported structural fill and glacial till with generally level backslopes behind the walls and foreslopes in front of the walls.
- The bottoms of the cut walls will be embedded a minimum of 12 inches below finished grade at the front face of the wall.
- The walls will bear on a 12-inch-thick crushed rock leveling pad and have a minimum 12-inch-thick zone of structural fill (drain rock) behind the wall.
- The walls are assigned an infinite shear strength to evaluate failure surfaces that pass beneath the wall and not through the wall. Failure surfaces through the wall are assumed to be addressed through the internal stability design.

- The walls are battered 5 degrees from vertical, with maximum exposed heights of 6 feet, and minimum embedment of 12 inches below finished grade.
- The blocks are a minimum of 2 feet wide with a unit weight of 150 pounds per cubic foot (pcf).

Gravity Block Fill Walls (Appendix C – Bioretention Fill Wall)

- Fill walls will be situated on either advance outwash or glacial till with generally level backslopes behind the walls and foreslopes in front of the walls.
- The fill walls will retain a combination of glacial till and imported structural fill.
- The walls will bear on a 12-inch-thick crushed rock leveling pad overlying the existing fill and have a minimum 12-inch-thick zone of structural fill (drain rock) behind the wall.
- For the fill wall adjacent to the infiltration facility, water levels are assumed to be at a maximum expected ponding depth of 18 inches above an 18-inch-thick layer of bioretention soil media, making the ponding depth 36 inches above the base of the wall.
- The walls are battered 5 degrees from vertical, with maximum exposed heights of 10 feet, and minimum embedment of 12 inches below finished grade.
- The blocks are a minimum of 2 feet wide with a unit weight of 150 pcf.

3.4 Stormwater Infiltration

The County's 60 percent drawings (County, 2024) depict the proposed infiltration facility on the east side of the County ROW north of NE Sunset Lane (Figure 2).

Aspect conducted a subsurface investigation to fulfill the requirements of Section G.2.5 of the County Stormwater Manual (County, 2021) to characterize the Site's suitability for stormwater infiltration and provide information for the design of the infiltration facility.

3.4.1 Infiltration Testing

Aspect conducted a small-scale PIT at APIT-01 in general accordance with Section G.3.3 of the County Stormwater Manual (County, 2021). At the PIT location, the excavation was first advanced to the target depth provided by the County (8 feet bgs at APIT-01). A horizontal surface area equal to approximately 24 square feet was excavated at the bottom of the PIT. We added water to the excavation to maintain a constant water level (to the extent practical) for a 4-hour presoak period, due to time constraints. Following the presoak period, we conducted a constant head test and maintained a generally constant water level by varying the flowrate into the excavation. During the constant head portion of the test, we measured cumulative flow volumes at regular intervals with a mechanical turbine flowmeter. After approximately 1 hour of maintaining a reasonably constant head level, the water was turned off and allowed to drain as a falling head test. Head measurements were recorded using a pressure transducer and verified with hand measurements. A pressure transducer was left overnight to collect data as part of the falling head test. The recorded data from APIT-01 is presented on Chart 1.

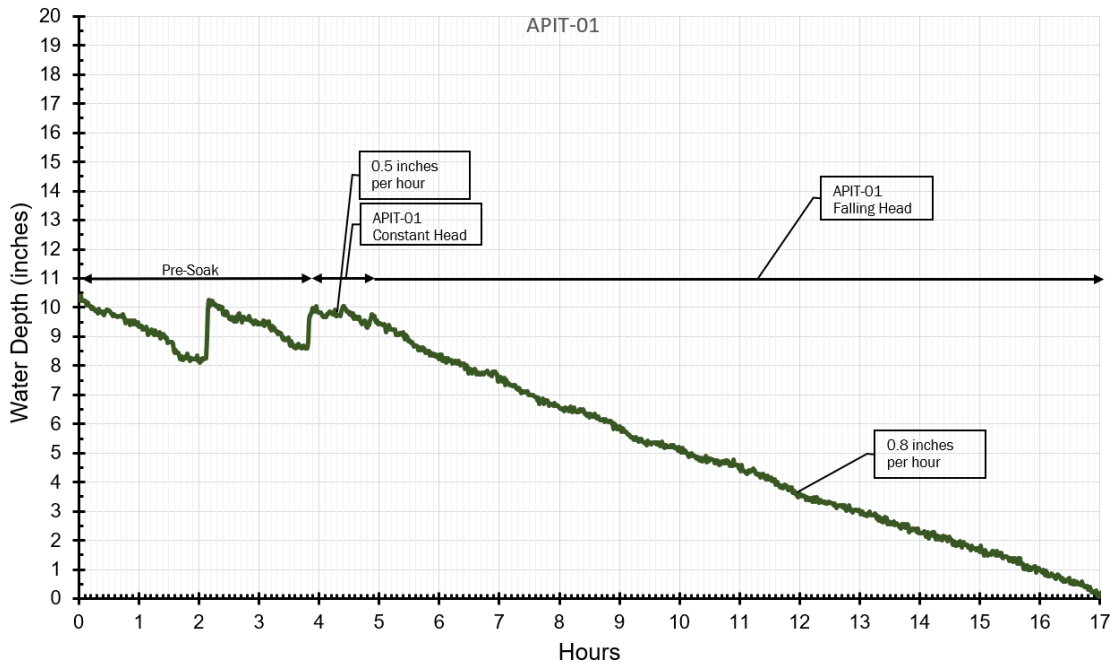


Chart 1. PIT results from APIT-01

During the constant head test periods, a small quantity of water was added to APIT-01 (approximately 21 gallons), and it was difficult to maintain a constant head during the testing period due to the small volumes of water used to maintain the constant head. This results in calculated infiltration rates that are highly sensitive to the input parameters. In our opinion, the constant head tests should not be relied upon for Project design.

We summarized the results of the falling head portion of the PIT in Table 3, which also includes our recommended correction factors and long-term infiltration rates for use in design. We took into consideration the totality of our subsurface exploration program results, as well as our local experience, when selecting correction factors

Table 3. Pilot Infiltration Test Summary

APIT-01	
Falling Head	
Average Measured Infiltration Rate (in/hr)	0.8
Recommended Values for Design	
Measured Infiltration Rate (in/hr)	0.8
Site Variability and Number of Locations Tested (CF_v)	0.85
Uncertainty of Test Method (CF_t)	0.5
Degree of Influent Control to Prevent Siltation (CF_m)	0.9
Design Infiltration Rate ($K_{sat,design}$) (in/hr)	0.3

Note: Correction Factors per Section G.4 of the County Stormwater Design Manual (County, 2021)

After the PIT was complete, the PIT was overexcavated to 11 feet bgs to determine if water mounded on shallow restrictive layers during the test. Based on the results of our PIT overexcavation, it is our opinion that groundwater mounding did not

occur during the PIT. Within APIT-01, we did not encounter the groundwater table or hydraulically restrictive layers (such as glacial till or Pleistocene nonglacial deposits) below the depth of the infiltration test.

When overexcavating APIT-01, we encountered coarser-grained material, which generally correlates with the silty sand (SM) encountered nearby at AB-02 at approximately 8.5 feet bgs. The Vashon advance outwash sand at the Site exhibits variable density and fines content, which will impact its permeability. In general, we do not expect the observed lenses of high density or elevated fines content to be continuous at the Site or to act as hydraulically restrictive layers that would render infiltration infeasible.

We also observed limited iron-oxide mottling in samples above the groundwater level at time of drilling (ATD), suggesting that local summer groundwater levels may be similar to those encountered in the wet season. This existing data supports a conclusion that a vertical separation of 3 feet between the base of the gravel backfill and the seasonal high groundwater table is reasonable.

In our opinion, stormwater infiltration is feasible at the Site and an infiltration rate of 0.3 in/hr may be used in the design of the proposed infiltration facility location shown on Figure 2.

3.4.2 Soil Suitability for Treatment

To aid in characterizing the suitability of the Vashon advance outwash for water quality treatment via infiltration, we completed laboratory testing of a sample from APIT-01 for cation exchange capacity and organic content. These results are included in Appendix B. Regionally, soil physical and chemical suitability for treatment via infiltration can be evaluated based on having a cation exchange capacity (CEC) exceeding 5 milliequivalents CEC/100 grams of dry soil and a minimum organic content of 1.0 percent. Based on the results in Appendix B, the advance outwash meets the minimum organic content and CEC recommendations for water quality treatment.

3.5 Flexible Pavement Subgrade Resilient Modulus

We understand that the County will be designing new flexible pavements for the Project. To facilitate the use of simplified, empirical structural design methods, such as the American Association of State Highway and Transportation Officials (AASHTO) 1993 Method (AASHTO, 1993), we evaluated the in situ testing results we obtained from shallow depths throughout the Site to determine an appropriate subgrade resilient modulus (M_R) for use in design. Based on our review and the range in results obtained from a variety of empirical correlations from the literature, we recommend that an M_R value of 10,000 pounds per square inch (psi) be used for design. This value assumes the subgrade consists primarily of medium dense or better Vashon glacial till prepared in accordance with the recommendations of this report.

4 Construction Recommendations

Detailed construction recommendations for retaining walls, pavements, drainage, and key earthwork activities anticipated for the Project are presented in the following sections. Material specifications reference the current WSDOT Standard Specifications (WSDOT, 2024) unless otherwise noted.

4.1 Gravity Block Retaining Walls

The following sections include our recommendations for modular block retaining wall construction.

4.1.1 *Subgrade Preparation and Crushed-Rock Bearing Pad*

All block walls should bear on a crushed-rock bearing pad or concrete leveling pad placed directly over a suitably prepared subgrade. The need for a concrete leveling pad will be determined during detailed design by the wall designer based on several Project-specific considerations, including height, soil bearing capacity, locations of drain outlets, and conditions at the wall face. Any significant organics, deleterious matter, soft areas, or other debris should be removed from the wall subgrade. If found, woody debris should be removed and disposed of off-Site. The subgrade soils should be compacted in place to achieve a dense and unyielding condition, and then a crushed-rock pad should be placed and compacted to bring the subgrade up to desired wall bottom elevation.

The crushed-rock bearing pad should consist of crushed surfacing base course (CSBC), as specified in Section 9-03.9(3) of the WSDOT Standard Specifications (WSDOT, 2024). The CSBC should be placed in lifts no greater than 6 inches thick and compacted to a dense and unyielding condition of at least 95 percent of the maximum dry density (MDD), as determined using test method ASTM International (ASTM) D1557 (Modified Proctor). The crushed-rock pad should be a minimum of 12 inches thick. If a concrete leveling pad is proposed, it should be a minimum of 6 inches thick. The pad should extend a minimum of 12 inches (horizontally) behind the bottom blocks. When placing gravel backfill for drains in the bottom of the bioretention facility within 2 feet of the toe of the wall, care should be taken to not overcompact the material and compromise the infiltration characteristics of the subgrade. An initial lift of fill up to 1 foot thick should be placed immediately on the subgrade to protect it from over compaction. All fill should be compacted to a firm and unyielding condition or least 90 percent of the MDD, as determined using test method ASTM D1557 (Modified Proctor).

For the fill wall adjacent to the infiltration facility that will be subject to intermittent inundation, a geotextile should be placed between the subgrade soils and the crushed-rock pad. The geotextile should be woven and meet the requirements for soil separation as specified in Table 3 of Section 9-33.2(1) of the WSDOT Standard Specifications. For cut and fill walls that are not subject to intermittent inundation and bearing on undisturbed Vashon glacial till or Vashon advance outwash, a geotextile separator fabric is not required.

We recommend Aspect observe and evaluate the retaining wall foundation subgrade during construction to verify our recommendations have been followed and that the conditions are suitable for support of the walls.

4.1.2 Modular Block Wall Construction

The embedment depth of the bottom course of blocks, below adjacent finished grade in front of the wall, should be a minimum of 12 inches. Subsequent block placement should be in accordance with the manufacturer's recommendations.

Gravity wall backfill between the modular blocks and the temporary cut slope should be a free-draining mixture of sand and gravel conforming to the wall manufacturer's recommendations. In our opinion, Gravel Backfill for Walls, as specified in Section 9-03.12(2) of the WSDOT Standard Specifications, is also suitable. Wall backfill should be placed in horizontal lifts and compacted to a dense condition, typically to a minimum of 95 percent of the Modified Proctor MDD (test method ASTM D1557). Within 2 feet of the wall face, the level of compaction may be reduced to 90 percent of the Modified Proctor MDD (test method ASTM D1557).

4.1.3 Wall Drainage

To provide proper drainage behind the walls, there should be a zone at least 1 foot wide of a clean, free-draining material meeting the requirements of Section 9-03.12(2) of the WSDOT Standard Specifications for Gravel Backfill for Walls (WSDOT, 2024). The walls should also include a drain located at the rear of the wall. The drain should consist of a rigid, plastic, perforated drainpipe with a minimum diameter of 6 inches installed just above the crushed rock levelling pad. The drains should daylight into the proposed stormwater system or in an otherwise appropriate area identified during design that provides positive drainage away from the wall.

At fill walls adjacent to the infiltration facility, we expect gravity drainage of a wall drain may not be possible. In that case, we recommend omitting a wall drain and relying on the free-draining nature of the wall backfill and modular blocks. In addition, we recommend incorporating a geotextile between the wall backfill and the retained soil (as well as below the wall backfill and levelling pad) to reduce the potential for piping of soil through or beneath the wall. The geotextile should be woven and meet the requirements for soil separation as specified in Table 3 of Section 9-33.2(1) of WSDOT Standard Specifications.

4.2 Permanent Cut and Fill Slopes

In areas where no retaining walls are proposed, permanent cut and fill slopes will be required on either side of the roadway prism to facilitate transitions to existing grades. The 60 percent drawings depict typical cut slopes of 2H:1V (horizontal:vertical) and fill slopes of 2H:1V (County, 2024). In our opinion, these slope inclinations are appropriate for the Project. In localized areas, it may be desirable to steepen permanent slopes to limit impacts outside the ROW or reduce the extent of required retaining walls. Permanent fill slopes may be steepened to a maximum inclination of 1.5H:1V provided the fill material consists of Permeable Ballast per Section 9-03.9(2) or Gravel Borrow per Section 9-03.14(1) of the WSDOT Standard Specifications (WSDOT, 2024), and/or Special Borrow per Section 9-03.14(5) of the County's standards. Using angular and coarse-grained rock materials at the face of the fill slope will reduce the potential for erosion and rilling when slopes are steeper than 2H:1V. Sloped surfaces receiving fill should be terraced per Section 2-03.3(14) of the WSDOT Standard Specifications.

4.2.1 Bioretention Pond Embankment Construction

The embankment constructed around the bioretention facility should be constructed by excavating a key equal to 50 percent of the berm embankment cross-sectional height and width. Berm slopes should not exceed a 2H:1V maximum and should be constructed of material generally meeting the specs outlined below:

1. A minimum of 20 percent silt and clay
2. A maximum of 60 percent sand
3. A maximum of 60 percent silt
4. Nominal gravel and cobble content

On-site soils that meet this specification may be used for construction of the pond embankment. Pond embankment fill should be placed directly on the native subgrade and compacted to at least 95 percent of the MDD, as determined using test method ASTM D1557 (Modified Proctor). At the time of placement, the moisture content of structural fill should be at or near optimum. Given the high fines content of the pond embankment fill, it should be placed and compacted in the dry season.

4.3 Flexible Pavement Subgrade Preparation

Below pavements, we recommend the entire subgrade surface be compacted to a firm and unyielding condition with multiple passes of a vibratory roller. Any material with perceptible organics should be stripped and disposed of prior to beginning the work.

Pavement subgrade preparation should be observed and evaluated by a representative of Aspect. Suitability of subgrade compaction should be determined under the proof-rolling load of heavy, fully loaded, rubber-tired construction equipment. It is important that any areas that exhibit excessive displacement, pumping, or moisture during the proof roll be identified and addressed. The affected areas should be overexcavated to a suitable depth determined in the field and replaced with structural fill compacted to a minimum of 95 percent of the Modified Proctor MDD (ASTM D1557). All areas that require additional treatment should be subjected to another proof roll and be firm and unyielding prior to continuing with construction of the pavement section.

4.4 General Site Earthwork

The Site subsurface consists generally of Vashon glacial till and Vashon advance outwash. In our opinion, earthwork in these soils can be completed with conventional construction equipment. Although not encountered in our explorations, based on our regional experience, the contractor should be prepared to excavate and handle large cobbles and boulders within the Vashon glacial till and Vashon advance outwash. Our recommendations for Project earthwork are presented in the following sections.

4.4.1 Wet Weather Earthwork and Construction

Earthwork is typically most economical when performed under dry weather conditions. If earthwork is to be performed or fill is to be placed in wet weather or under wet conditions when soil moisture content is difficult to control, the following recommendations apply:

- Site stripping and fill placement should be accomplished in small sections to minimize exposure to wet weather. Excavation or removal of unsuitable soil should be followed promptly by placement and compaction of a suitable thickness of clean structural fill. The size and type of construction equipment used may have to be limited to prevent soil disturbance.
- Material used as wet weather structural fill should consist of clean granular soil, of which not more than 5 percent passes the U.S. Standard No. 200 sieve, based on wet sieving the fraction passing the 0.75-inch sieve. The fine-grained portion of structural fill soils should be nonplastic.
- No soil should be left uncompacted so it can absorb water. Stockpiles of excavated soil should either be shaped and the surface compacted or be covered with plastic sheets. Soils that become too wet should be removed and replaced with clean granular materials.
- Excavation and placement of fill should be monitored by someone experienced in wet weather earthwork to determine that the work is being accomplished in accordance with the project specifications and the recommendations contained herein.

Soil erosion can be minimized by implementing these recommendations, employing careful grading practices, and using appropriate silt fences and/or straw bales. Surface runoff control during construction should be the responsibility of the contractor. All collected water should be controlled and discharged in accordance with local regulations. Grading measures, slope protection, ditching, sumps, dewatering, and other measures should be employed as necessary to permit proper completion of the work. Permanent control of surface water should be incorporated in the final grading design. Water should not be allowed to pond immediately adjacent to foundations or paved areas.

4.4.2 Construction Dewatering

In our opinion, groundwater seepage and/or flow into excavations is largely dependent on the presence of perched groundwater that could potentially be encountered during construction. This seepage can likely be managed by controlling the size of the excavations and with conventional sumps and pumps.

The contractor should be required to adequately dewater excavations so that subgrade preparation and structural fill placement can be completed in dry conditions. We anticipate that strategically placed sumps and pumps will sufficiently control water from inside the excavations. Sumps are often constructed by placing a short section of perforated corrugated steel pipe (or surplus 8- to 12-inch-diameter well screen) in a small hole excavated below the trench bottom elevation. The annular space around the pipe is backfilled with drain rock, with several inches placed inside the casing to help control the pumping of fines. Submersible pumps (trash pumps) are then placed inside the casing and connected to a central discharge pipe.

The Contractor should be responsible for design, implementation, and any necessary permits associated with any construction dewatering system used for the Project.

4.4.3 Structural Fill and Compaction

For the purposes of this report, material placed under (or against) structures, pavement, sidewalks, as wall backfill, or as utility trench backfill, should be considered structural fill. Imported structural fill should consist of clean, nonplastic, relatively free-draining, sand and gravel free from organic matter or other deleterious materials. Such materials should contain particles of less than 4 inches maximum dimension, with less than 7 percent fines (material passing the U.S. Standard No.200 sieve; based on the 0.75-inch fraction), as described in WSDOT Standard Specifications Section 9-03.14(1) (WSDOT, 2024). Fines should be nonplastic. Special Borrow as specified in Section 9-03.14(5) of the County's standards is also suitable as structural fill. Retaining wall backfill should conform to requirements discussed previously. In our opinion, the on-Site materials may be suitable for reuse as structural fill, if they meet the requirements described above.

Structural fill should be placed in loose, horizontal, lifts of not more than 9 inches in thickness and compacted to at least 95 percent of the MDD, as determined using test method ASTM D1557 (Modified Proctor). At the time of placement, the moisture content of structural fill should be at or near optimum. The procedure required to achieve the specified minimum relative compaction depends on the size and type of compaction equipment, the number of passes, thickness of the layer being compacted, and the soil moisture-density properties.

When the first lift of fill is placed in a given area, and/or anytime the fill material changes, the area should be considered a test section. The test section should be used to establish fill placement and compaction procedures required to achieve proper compaction. Aspect or qualified materials inspection personnel should observe placement and compaction of the test section to assist in establishing an appropriate compaction procedure. Once a placement and compaction procedure are established, the contractor's operations should be monitored, and periodic density tests performed to verify that proper compaction is being achieved.

4.5 Temporary Excavation and Shoring

Maintenance of safe working conditions, including temporary excavation stability, is the responsibility of the contractor. All temporary cuts more than 4 feet in height that are not protected by trench boxes or otherwise shored, should be sloped in accordance with Part N of Washington Administrative Code (WAC) 296-155 for worker safety (WSL, 2022). Using guidance provided by the WAC and our Site observations, we classify the Site soils as Type B with a maximum allowable temporary slope inclination of 1H:1V. We recommend temporary excavation heights at this inclination do not exceed 10 feet.

With time and the presence of seepage and/or precipitation, the stability of temporary unsupported cut slopes can be significantly reduced. Therefore, all temporary slopes should be protected from erosion by installing a surface water diversion ditch or berm at the top of the slope if precipitation is expected.

In addition, the contractor should monitor the stability of the temporary cut slopes and adjust the construction schedule and slope inclination accordingly. Vibrations created by traffic and construction equipment may cause caving and raveling of the temporary slopes. In such an event, lateral support for the temporary slopes should be provided by

the Contractor. Flatter slopes may be required if traffic or construction equipment are surcharging the crest of temporary cuts. If space constraints prevent the sloping and benching of temporary excavation slopes, shoring may be required.

WAC 296-155-657 Section 2, Subdivision (d) allows temporary cut slopes/benches to be evaluated and designed by a registered professional engineer. In this case, the registered professional engineer takes on the professional responsibility/liability for the temporary cut slope(s). This typically includes full-time observation by the registered professional engineer to monitor the stability of the temporary cut slope. The contract documents should require the Contractor and/or their registered professional engineer to be fully responsible for temporary excavation stability and associated worker safety.

Temporary shoring may be required for excavations. We anticipate the contractor will be responsible for the design and successful installation of the temporary shoring system. The soil parameters presented in this report were developed using assumptions that may or may not be applicable for the contractor's operations and shoring installation methods. The contractor's design should verify the provided information is appropriate for their operation or use the soil and groundwater conditions appropriate for the Site to develop their own design. Temporary shoring systems used should be designed and constructed to support lateral loads exerted by the retained soil mass and any pressures applied during construction, such as heavy equipment and stockpiles next to the excavation.

A variety of shoring systems are feasible for the Project, including (but not limited to):

- Trench boxes
- A slide rail shoring system

If engineered shoring systems are used, they should be designed utilizing the parameters in Table 4.

Table 4. Soil Engineering Properties for Temporary Shoring

Retained Soil Unit	Moist (Effective) Unit Weight (pcf)	Internal Friction Angle (degrees)
Glacial Till	135	40
Advance Outwash	135	38

Note: pcf = pounds per cubic foot

5 Recommendations for Continuing Geotechnical Services

Throughout this report, we have provided recommendations where we consider it would be appropriate for Aspect to provide additional geotechnical input to the design and construction process. Additional recommendations are summarized in this section.

5.1 Additional Design and Consulting Services

Before construction begins, we recommend that Aspect:

- Continue to meet with the design team, as needed, to address geotechnical questions that may arise throughout the remainder of the design process.
- Review the geotechnical elements of the Project plans to see that the geotechnical engineering recommendations are properly interpreted.
- Verify that the final wall and infiltration facility designs reconcile with the assumptions included in this report, and perform additional global stability analyses, if necessary.

5.2 Additional Construction Services

We are available to provide geotechnical engineering and monitoring services during construction. The integrity of the geotechnical elements depends on proper Site preparation and construction procedures. In addition, engineering decisions may have to be made in the field if variations in subsurface conditions become apparent.

During the construction phase of the Project, we recommend that Aspect be retained to perform the following tasks:

- Review applicable submittals
- Observe and evaluate subgrade preparation, infiltration receptor soil preparation, structural fill placement and compaction, and construction of retaining walls
- Attend meetings, as needed
- Address other geotechnical engineering considerations that may arise during construction

The purpose of our observations is to verify compliance with design concepts and recommendations, and to allow design changes or evaluation of appropriate construction methods if subsurface conditions differ from those anticipated prior to the start of construction.

6 References

- American Association of State Highway and Transportation Officials (AASHTO), 1993, AASHTO Guide for Design of Pavement Structures.
- Kitsap County (County), 2020, Kitsap County Road Standards, Adopted June 8, 2020.
- Kitsap County (County), 2021, Stormwater Design Manual. Volumes I and II. Effective October 4, 2021.
- Kitsap County Department of Public Works (County), 2024, Perry – Stone to Sheridan Non-Motorized Improvements, 60-percent drawings, CRP No. 3699.
- Rocscience, Inc., 2022, Slide2 Modeler, version 9.023.
- Washington State Department of Transportation (WSDOT), 2022, Geotechnical Design Manual, M 46-03.16.
- Washington State Department of Transportation (WSDOT), 2024, Standard Specifications for Road, Bridge, and Municipal Construction, M 41-10.
- Washington State Legislature (WSL), 2022, Washington Administrative Code (WAC) 296-155. Updated July 19, 2022.
- Yount, J.C., J.P. Minard, and G.R. Dembroff (Yount et al.), 1993, Geologic map of surficial deposits in the Seattle 30' by 60' quadrangle, Washington: U.S. Geological Survey, Open-File Report OF-93-233, scale 1:100,000. *Sheet 1 of 2*.

7 Limitations

Work for this project was performed for Kitsap County Public Works (Client), and this report was prepared consistent with recognized standards of professionals in the same locality and involving similar conditions, at the time the work was performed. No other warranty, expressed or implied, is made by Aspect Consulting (Aspect).

Recommendations presented herein are based on our interpretation of site conditions, geotechnical engineering calculations, and judgment in accordance with our mutually agreed-upon scope of work. Our recommendations are unique and specific to the project, site, and Client. Application of this report for any purpose other than the project should be done only after consultation with Aspect.

Variations may exist between the soil and groundwater conditions reported and those actually underlying the site. The nature and extent of such soil variations may change over time and may not be evident before construction begins. If any soil conditions are encountered at the site that are different from those described in this report, Aspect should be notified immediately to review the applicability of our recommendations.

Risks are inherent with any site involving slopes and no recommendations, geologic analysis, or engineering design can assure slope stability. Our observations, findings, and opinions are a means to identify and reduce the inherent risks to the Client.

It is the Client's responsibility to see that all parties to this project, including the designer, contractor, subcontractors, and agents, are made aware of this report in its entirety. At the time of this report, design plans and construction methods have not been finalized, and the recommendations presented herein are based on preliminary project information. If project developments result in changes from the preliminary project information, Aspect should be contacted to determine if our recommendations contained in this report should be revised and/or expanded upon.

The scope of work does not include services related to construction safety precautions. Site safety is typically the responsibility of the contractor, and our recommendations are not intended to direct the contractor's site safety methods, techniques, sequences, or procedures. The scope of our work also does not include the assessment of environmental characteristics, particularly those involving potentially hazardous substances in soil or groundwater.

All reports prepared by Aspect for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect. Aspect's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Please refer to Appendix D titled "Report Limitations and Guidelines for Use" for additional information governing the use of this report.

We appreciate the opportunity to perform these services. If you have any questions, please call Andrew Holmson, Principal Geotechnical Engineer, (206) 780-7731.

FIGURES



- Boring

⊞

Test Pit

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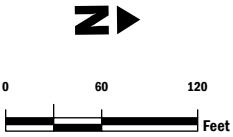
Project Alignment and Stationing
- Location of Proposed Cut Wall (approx.)

Location of Proposed Fill Wall (approx.)

Location of Proposed Stormwater Infiltration Facility (approx.)
- 5-foot Topography Contour

Kitsap County Tax Parcel

Note:
Contours from USGS LiDAR, 2018. Elevation Datum: NAVD88, feet.



Site and Exploration Map

Geotechnical Engineering Report
Perry - Stone to Sheridan Improvement Project
Kitsap County, Washington

Aspect CONSULTING	SEP-2024	BY: SBC / WBL	FIGURE NO. 2
	PROJECT NO. AS210516	REVISED BY: - - - / - - -	

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APPENDIX A

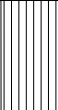
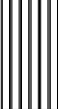
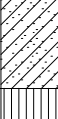
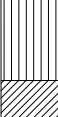
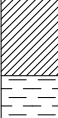
Subsurface Exploration Logs

A. Subsurface Exploration Logs

Geotechnical drilled soil borings AB-01 through AB-03 were drilled using hollow-stem auger drilling techniques on July 23, 2024. The drilling was subcontracted to Holocene Drilling, an experienced and licensed local driller. Drilling was completed with a track-mounted rotary drill rig advancing an 8-inch (4.25-inch-inside-diameter) hollow-stem auger. The locations of the borings are shown on Figure 2. The borings were advanced to a depth of approximately 21.5 feet below ground surface (bgs). Disturbed samples were obtained at approximately 2.5-foot or 5-foot intervals in accordance with the Standard Penetration Test (ASTM Method D1586) methodology. This involves driving a 2-inch-outside-diameter split-barrel sampler a distance of 18 inches into the soil with a 140-pound hammer free-falling from a distance of 30 inches. The number of blows for each 6-inch interval is recorded and the number of blows required to drive the sampler the final 12 inches is known as the Standard Penetration Resistance (“N”) or blow count. The resistance, or N-value, provides a measure of the relative density of granular soils or the relative consistency of cohesive soils.

Pilot infiltration test APIT-01 was completed from June 26 to 27, 2024, by an excavator and operator provided by Kitsap County. Water for the tests was imported from off-Site and dispensed from a water truck provided by Kitsap County.

An Aspect engineer was present throughout the field exploration program to observe the drilling procedure, assist in sampling, and to prepare descriptive logs of the exploration. Soils were classified in general accordance with ASTM D2488, *Standard Practice for Description and Identification of Soils* (Visual-Manual Procedure). The summary exploration log represents our interpretation of the contents of the field logs. The stratigraphic contacts shown on the individual summary logs represent the approximate boundaries between soil types; actual transitions may be more gradual. The subsurface conditions depicted are only for the specific date and locations reported, and are not necessarily representative of other locations and times.

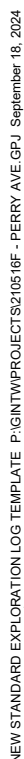
Coarse-Grained Soils - More than 50% ¹ Retained on No. 200 Sieve			
	Sands - 50% ¹ or More of Coarse Fraction Passes No. 4 Sieve	Gravels - More than 50% ¹ of Coarse Fraction Retained on No. 4 Sieve	
		≤5% Fines	≥15% Fines
Fine-Grained Soils - 50% ¹ or More Passes No. 200 Sieve	Silts and Clays Liquid Limit Less than 50%		
			
			
			
			
	Silts and Clays Liquid Limit 50% or More		
			
			
			
			
Highly Organic Soils			
			

"WITH SILT" or "WITH CLAY" means 5 to 15% silt and clay, denoted by a "-" in the group name; e.g., SP-SM • "SILTY" or "CLAYEY" means >15% silt and clay • "WITH SAND" or "WITH GRAVEL" means 15 to 30% sand and gravel. • "SANDY" or "GRAVELLY" means >30% sand and gravel. • "Well-graded" means approximately equal amounts of fine to coarse grain sizes • "Poorly graded" means unequal amounts of grain sizes • Group names separated by "/" means soil contains layers of the two soil types; e.g., SM/ML.

Soils were described and identified in the field in general accordance with the methods described in ASTM D2488. Where indicated in the log, soils were classified using ASTM D2487 or other laboratory tests as appropriate. Refer to the report accompanying these exploration logs for details.

1. Estimated or measured percentage by dry weight
2. (SPT) Standard Penetration Test (ASTM D1586)
3. Determined by SPT, DCPT (ASTM STP399) or other field methods. See report text for details.

GEOTECHNICAL LAB TESTS			
MC	=	Natural Moisture Content	
PS	=	Particle Size Distribution	
FC	=	Fines Content (% < 0.075 mm)	
GH	=	Hydrometer Test	
AL	=	Atterberg Limits	
C	=	Consolidation Test	
Str	=	Strength Test	
OC	=	Organic Content (% Loss by Ignition)	
Comp	=	Proctor Test	
K	=	Hydraulic Conductivity Test	
SG	=	Specific Gravity Test	
CHEMICAL LAB TESTS			
Organic Chemicals			
BTEX	=	Benzene, Toluene, Ethylbenzene, Xylenes	
TPH-Dx	=	Diesel and Oil-Range Petroleum Hydrocarbons	
TPH-G	=	Gasoline-Range Petroleum Hydrocarbons	
VOCs	=	Volatile Organic Compounds	
SVOCs	=	Semi-Volatile Organic Compounds	
PAHs	=	Polycyclic Aromatic Hydrocarbon Compounds	
PCBs	=	Polychlorinated Biphenyls	
Metals			
RCRA8	=	As, Ba, Cd, Cr, Pb, Hg, Se, Ag, (d = dissolved, t = total)	
MTCA5	=	As, Cd, Cr, Hg, Pb (d = dissolved, t = total)	
PP-13	=	Ag, As, Be, Cd, Cr, Cu, Hg, Ni, Pb, Sb, Se, Tl, Zn (d=dissolved, t=total)	
FIELD TESTS			
PID	=	Photoionization Detector	
Sheen	=	Oil Sheen Test	
SPT ²	=	Standard Penetration Test	
NSPT	=	Non-Standard Penetration Test	
DCPT	=	Dynamic Cone Penetration Test	
COMPONENT DEFINITIONS			
Descriptive Term	Size Range and Sieve Number		
Boulders	=	Larger than 12 inches	
Cobbles	=	3 inches to 12 inches	
Coarse Gravel	=	3 inches to 3/4 inches	
Fine Gravel	=	3/4 inches to No. 4 (4.75 mm)	
Coarse Sand	=	No. 4 (4.75 mm) to No. 10 (2.00 mm)	
Medium Sand	=	No. 10 (2.00 mm) to No. 40 (0.425 mm)	
Fine Sand	=	No. 40 (0.425 mm) to No. 200 (0.075 mm)	
Silt and Clay	=	Smaller than No. 200 (0.075 mm)	
% by Weight	Modifier	% by Weight	Modifier
<1	=	Subtrace	15 to 25 = Little
1 to <5	=	Trace	30 to 45 = Some
5 to 10	=	Few	>50 = Mostly
ESTIMATED ¹ PERCENTAGE			
MOISTURE CONTENT			
Dry	=	Absence of moisture, dusty, dry to the touch	
Slightly Moist	=	Perceptible moisture	
Moist	=	Damp but no visible water	
Very Moist	=	Water visible but not free draining	
Wet	=	Visible free water, usually from below water table	
RELATIVE DENSITY			
Non-Cohesive or Coarse-Grained Soils	Density ³	SPT ² Blows/Foot	Penetration with 1/2" Diameter Rod
Very Loose	=	0 to 4	≥ 2'
Loose	=	5 to 10	1' to 2'
Medium Dense	=	11 to 30	3" to 1'
Dense	=	31 to 50	1" to 3"
Very Dense	=	> 50	< 1"
CONSISTENCY			
Cohesive or Fine-Grained Soils	Consistency ³	SPT ² Blows/Foot	Manual Test
Very Soft	=	0 to 1	Penetrated >1" easily by thumb. Extrudes between thumb & fingers.
Soft	=	2 to 4	Penetrated 1/4" to 1" easily by thumb. Easily molded.
Medium Stiff	=	5 to 8	Penetrated >1/4" with effort by thumb. Molded with strong pressure.
Stiff	=	9 to 15	Indented ~1/4" with effort by thumb.
Very Stiff	=	16 to 30	Indented easily by thumbnail.
Hard	=	> 30	Indented with difficulty by thumbnail.
GEOLOGIC CONTACTS			
Observed and Distinct	Observed and Gradual	Inferred	
 Exploration Log Key			



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APPENDIX B

Geotechnical Laboratory Testing Results

B. Geotechnical Laboratory Testing Results

Laboratory tests were conducted on selected soil samples to characterize certain engineering (physical) properties of the soils at the Site. Laboratory testing included determination of natural moisture content, fines content, and grain-size distribution, in general accordance with appropriate ASTM test methods. Test procedures are discussed below.

The moisture content of selected samples was analyzed in general accordance with ASTM D2216, *Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass*.

The fines content of selected samples was analyzed in general accordance with ASTM D1140, *Standard Test Methods of Determining the Amount of Material Finer than 75-mm (No. 200) Sieve in Soils by Washing*.

The grain-size distribution of selected samples was analyzed in general accordance with ASTM D6913, *Standard Test Method for Particle-Size Analysis of Soils* without hydrometer determination of fines content.

The Atterberg limits of selected samples were determined in general accordance with ASTM D4318, *Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils*. This test method is used to determine the liquid limit, plastic limit, and plasticity index of soils, which are important indicators of soil behavior and classification.

The cation exchange capacity (CEC) of selected samples was analyzed in general accordance with ASTM D7503, *Standard Test Method for Measuring the Exchange Complex and Cation Exchange Capacity of Inorganic Fine-Grained Soils*. This test method provides a procedure for determining the CEC of soils, which is an important parameter in assessing soil fertility and contaminant retention capabilities.

The organic content of selected samples was determined in general accordance with ASTM D2974, *Standard Test Methods for Moisture, Ash, and Organic Matter of Peat and Other Organic Soils*. This test method is used to determine the moisture content, ash content, and organic matter content of peat and other organic soils, which are crucial factors in understanding soil properties and behavior.

The results of the laboratory tests are presented in this appendix and incorporated into the boring logs in Appendix A.

Moisture Content

ASTM D-2216

HMA Project Number: 08-175

Perry Ave, non-motorized

Received Date: 2024/8/1

Project Name: Improvements - AS210516F

Description: Soil

Lab Number: 8831

Start Date: 2024/8/14

Finish Date: 2024/8/15

Technician: HL

Lab #	Tare ID	Boring	Sample #	Depth (ft)	Weight of Moist Soil + Tare (g)	Weight of Dry Soil + Tare (g)	Tare Weight (g)	Moisture Content (%)
8831	G-17	AB-01	S3	7.5	71.17	62.21	30.92	28.6
8831	E-6	AB-01	S-4	10	418.80	340.74	12.69	23.8
8831	F-35	AB-01	S-6	15	457.85	369.96	13.02	24.6
8831	E-01	AB-02	S-2	5	451.04	426.39	12.72	6.0
8831	C-5	AB-02	S-3	7.5	443.33	396.36	13.02	12.3
8831	G-29	AB-02	S-6	15	586.17	499.62	16.14	17.9
8831	E-10	AB-03	S-2	5	536.25	507.40	13.30	5.8
8831	F-30	AB-03	S-4	10	466.41	415.00	16.06	12.9
8831	G-14	AB-03	S-6	15	648.82	564.49	15.80	15.4
Oven No.	Oven In-Calibration	Calibration Due		Balance	In Calibration	Calibration Due		
105567	2023/8/21	2024/8/21		545249	2023/8/21	2024/8/21		

Minus No. 200 Wash

ASTM C117

Method: A

Project Number: 08-175 / 8831

Technician: HL

Aspect Consulting - Perry Ave, non-
motorized Improvements #

Project Name: AS210516F

Lab Number: 8831

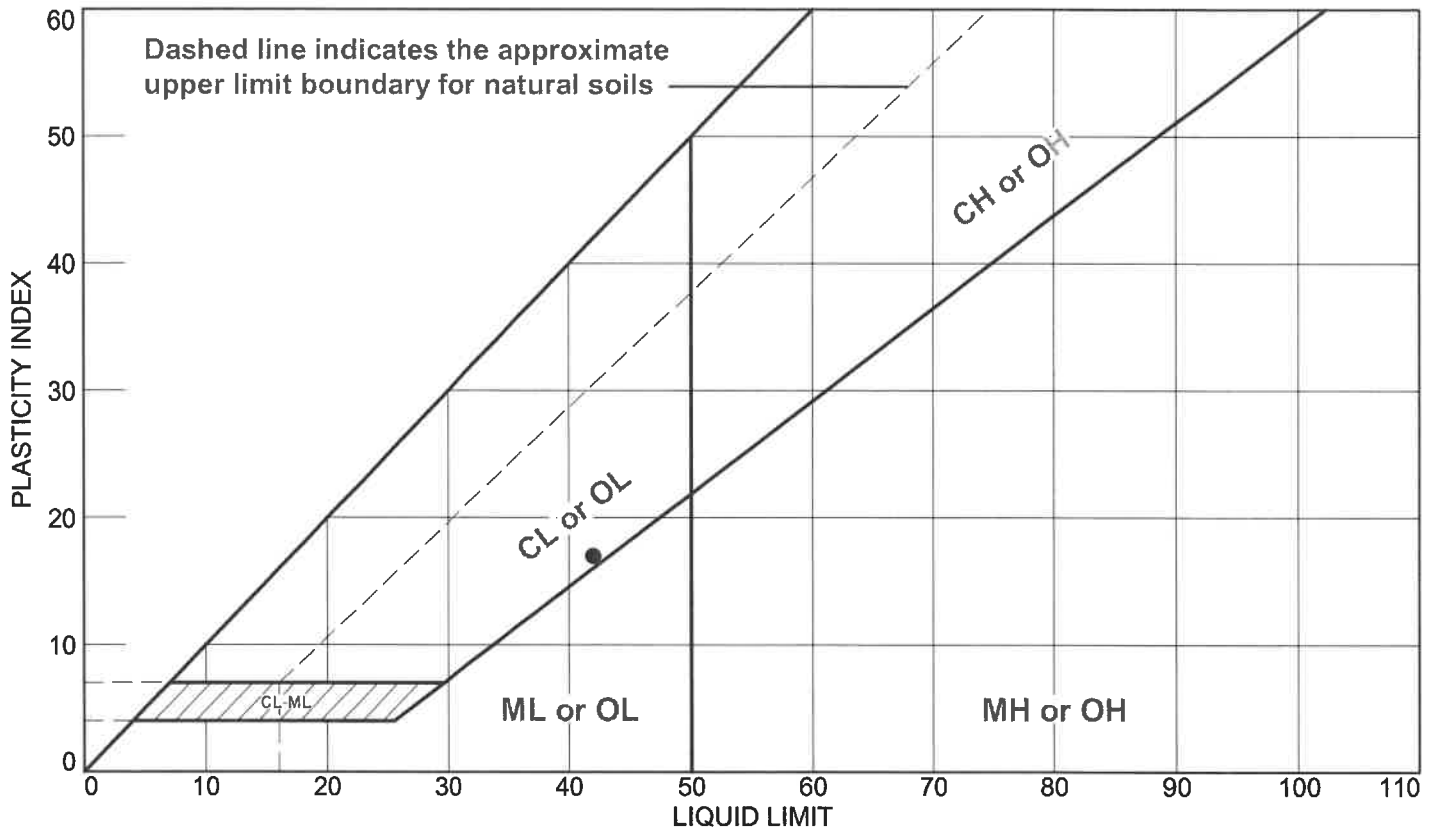
Received: 8/1/2024

Start Date: 8/14/2024

Finish Date: 8/15/2024

HMA LAB NO	Boring No	Sample Number	Depth (ft)	Tare Weight (g)	Tare+Dry Weight Before Wash (g)	Tare+Dry Weight After Wash (g)	% Retained	% PASSING
8831	AB-01	S-6	15	16.3	369.96	171.73	43.9	56.1
8831	AB-02	S-3	7.5	13.02	396.36	217.11	53.2	46.8
8831	AB-03	S-4	10	16.06	415	303.10	72.0	28.0

LIQUID AND PLASTIC LIMITS TEST REPORT



SOIL DATA

	SOURCE	SAMPLE NO.	DEPTH	NATURAL WATER CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	LIQUIDITY INDEX	USCS
●	AB-01	S-3	7.5	28.6	25	42	17	0.2	CL

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project No.: 08-175 / HMA 8831

Figure

Tested By: SR

Checked By: JM

LIQUID AND PLASTIC LIMIT TEST DATA

8/20/2024

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project Number: 08-175 / HMA 8831

Location: AB-01

Depth: 7.5

Sample Number: S-3

Material Description: Lean Clay

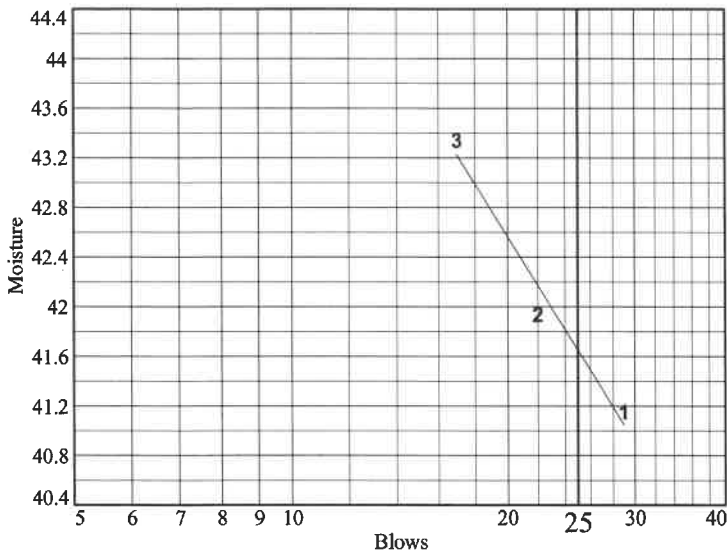
USCS: CL

Tested by: SR

Checked by: JM

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	27.57	32.50	26.62			
Dry+Tare	23.52	26.93	22.94			
Tare	13.68	13.65	14.45			
# Blows	29	22	17			
Moisture	41.2	41.9	43.3			



Liquid Limit=	42
Plastic Limit=	25
Plasticity Index=	17
Natural Moisture=	28.6
Liquidity Index=	0.2

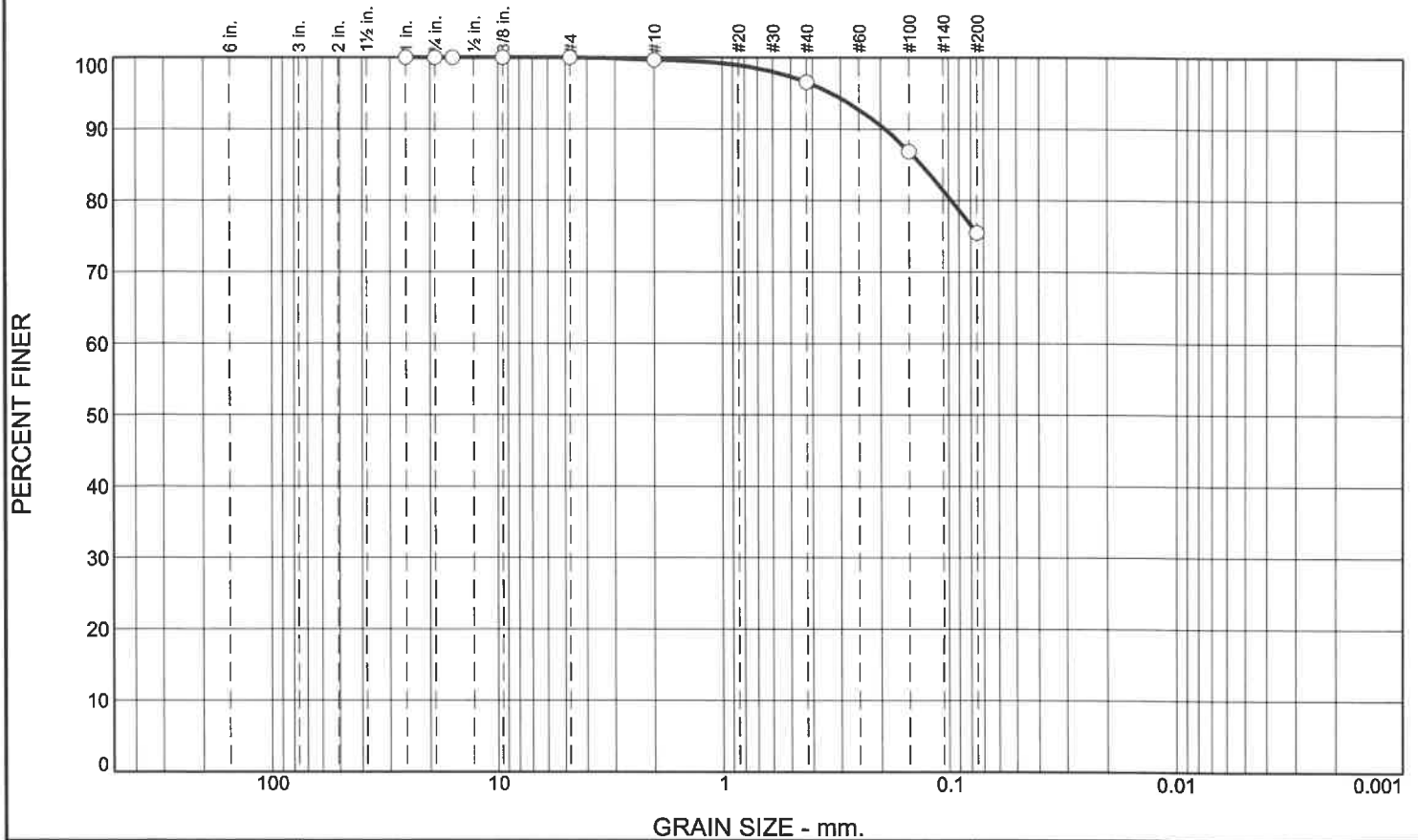
Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	29.57	19.94			
Dry+Tare	25.80	18.22			
Tare	11.30	11.21			
Moisture	26.0	24.5			

Natural Moisture Data

Wet+Tare	Dry+Tare	Tare	Moisture
71.17	62.21	30.92	28.6

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	0.3	3.1	21.1	75.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	100.0		
5/8"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.7		
#40	96.6		
#100	86.9		
#200	75.5		

Soil Description
 Silt with Sand

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.1912 D₈₅= 0.1318 D₆₀=
 D₅₀= D₃₀= D₁₅=
 D₁₀= C_u= C_c=

Classification
 USCS= ML AASHTO=

Remarks
 MC % - 23.8 %

* (no specification provided)

Source of Sample: AB-01 Depth: 10
 Sample Number: S-4

Date: 8/14/24

Hayre McElroy & Associates, LLC
Redmond, WA

Client: Aspect Consulting
 Project: Perry Ave, non-motorized Improvements # AS210516F
 Project No: 08-175 / HMA 8831 Figure

Tested By: HL Checked By: JM

GRAIN SIZE DISTRIBUTION TEST DATA

8/20/2024

Client: Aspect Consulting
Project: Perry Ave, non-motorized Improvements # AS210516F
Project Number: 08-175 / HMA 8831
Location: AB-01
Depth: 10
Material Description: Silt with Sand
Date: 8/14/24
USCS Classification: ML
Testing Remarks: MC % - 23.8 %
Tested by: HL
Sample Number: S-4
Checked by: JM

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 105.36
Tare Wt. = 12.69
Minus #200 from wash = 71.8%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
340.74	12.69	0.00	1"	0.00	100.0
			3/4"	0.00	100.0
			5/8"	0.00	100.0
			3/8"	0.00	100.0
			#4	0.00	100.0
			#10	1.00	99.7
			#40	11.20	96.6
			#100	43.00	86.9
			#200	80.40	75.5

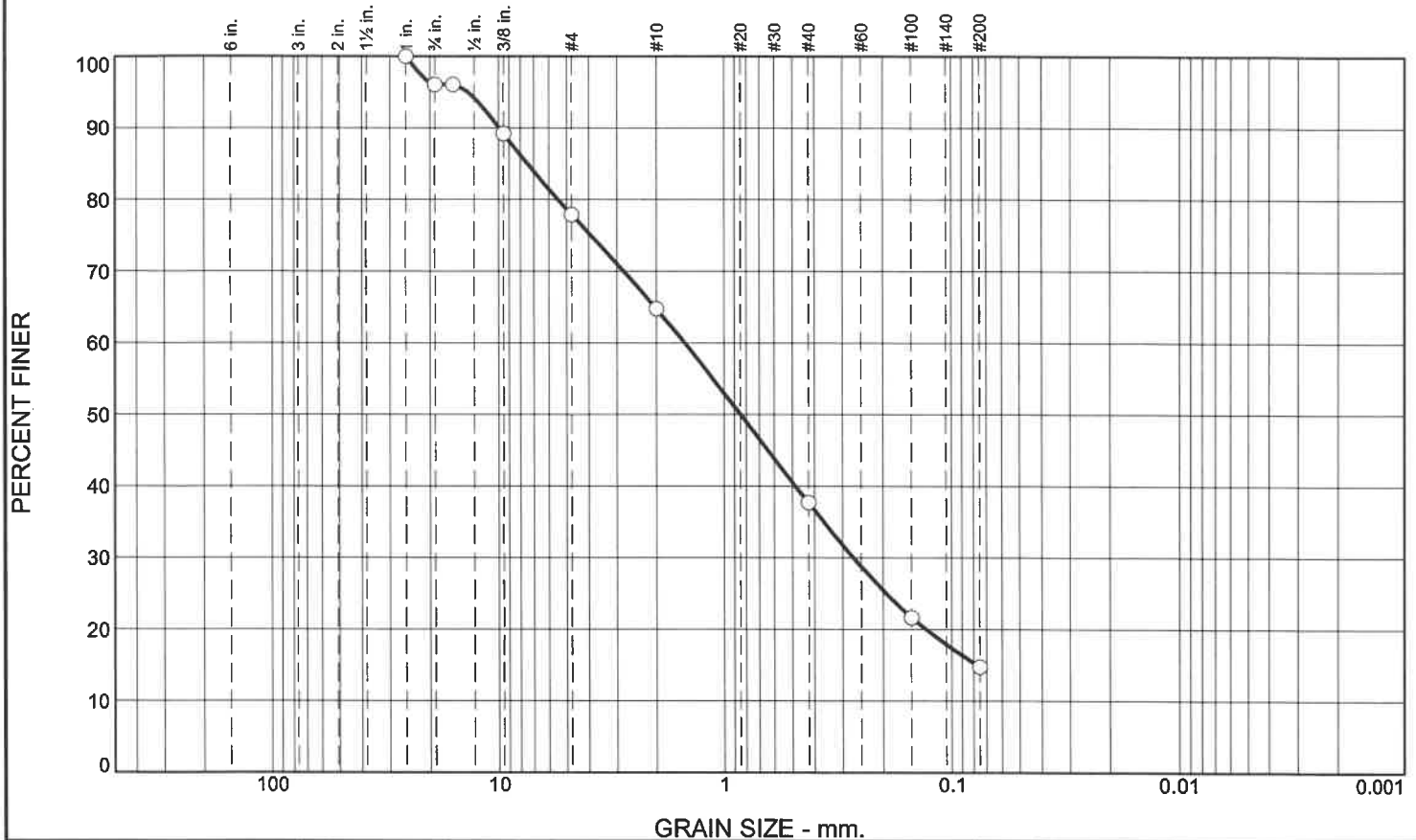
Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	0.3	3.1	21.1	24.2			75.5

D5	D10	D15	D20	D30	D40	D50	D60	D80	D85	D90	D95
								0.0971	0.1318	0.1912	0.3283

Fineness Modulus
0.22

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	35.2	27.1	22.9	14.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	96.1		
5/8"	96.1		
3/8"	89.2		
#4	77.9		
#10	64.8		
#40	37.7		
#100	21.7		
#200	14.8		

* (no specification provided)

Soil Description
 Silty Sand with gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 9.9252 D₈₅= 7.4629 D₆₀= 1.4981
 D₅₀= 0.8466 D₃₀= 0.2694 D₁₅= 0.0770
 D₁₀= C_u= C_c=

Classification
 USCS= SM AASHTO=

Remarks
 MC % - 6.0 %

Source of Sample: AB-02
Sample Number: S-2

Depth: 5

Date: 8/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting
Project: Perry Ave, non-motorized Improvements # AS210516F
Project No: 08-175 / HMA 8831
Figure

Tested By: HL

Checked By: JM

GRAIN SIZE DISTRIBUTION TEST DATA

8/20/2024

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project Number: 08-175 / HMA 8831

Location: AB-02

Depth: 5

Sample Number: S-2

Material Description: Silty Sand with gravel

Date: 8/14/2024

USCS Classification: SM

Testing Remarks: MC % - 6.0 %

Tested by: HL

Checked by: JM

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 368.43
Tare Wt. = 12.72
Minus #200 from wash = 14.0%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
426.39	12.72	0.00	1"	0.00	100.0
			3/4"	16.30	96.1
			5/8"	16.30	96.1
			3/8"	44.50	89.2
			#4	91.30	77.9
			#10	145.70	64.8
			#40	257.70	37.7
			#100	324.00	21.7
			#200	352.60	14.8

Fractional Components

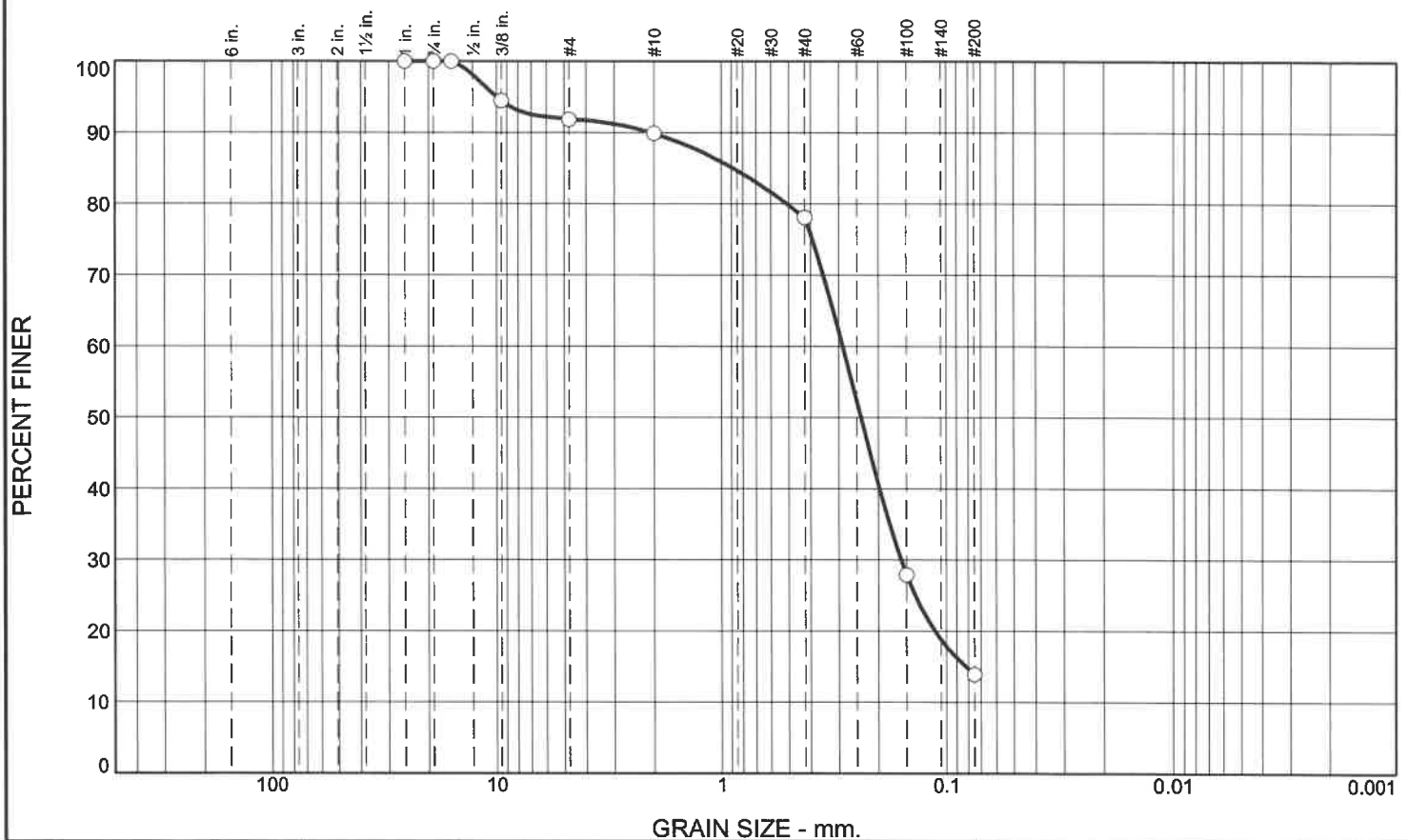
Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	35.2	27.1	22.9	50.0			14.8

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
		0.0770	0.1295	0.2694	0.4841	0.8466	1.4981	5.4456	7.4629	9.9252	13.5340

Fineness Modulus

3.16

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	10.1	11.8	64.2	13.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	100.0		
5/8"	100.0		
3/8"	94.5		
#4	91.8		
#10	89.9		
#40	78.1		
#100	27.9		
#200	13.9		

* (no specification provided)

Soil Description		
Silty Sand		
Atterberg Limits		
PL=	LL=	PI=
Coefficients		
D ₉₀ = 2.0460	D ₈₅ = 0.8819	D ₆₀ = 0.2886
D ₅₀ = 0.2396	D ₃₀ = 0.1586	D ₁₅ = 0.0818
D ₁₀ =	C _u =	C _c =
Classification		
USCS= SM	AASHTO=	
Remarks		
MC % - 17.9%		

Source of Sample: AB-02
Sample Number: S-6

Depth: 15

Date: 8/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project No: 08-175 / HMA 8831

Figure

Tested By: HL

Checked By: JM

GRAIN SIZE DISTRIBUTION TEST DATA

8/20/2024

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project Number: 08-175 / HMA 8831

Location: AB-02

Depth: 15

Sample Number: S-6

Material Description: Silty Sand

Date: 8/14/2024

USCS Classification: SM

Testing Remarks: MC % - 17.9%

Tested by: HL

Checked by: JM

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 439.10

Tare Wt. = 16.14

Minus #200 from wash = 12.5%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
499.62	16.14	0.00	1"	0.00	100.0
			3/4"	0.00	100.0
			5/8"	0.00	100.0
			3/8"	26.60	94.5
			#4	39.50	91.8
			#10	48.80	89.9
			#40	105.90	78.1
			#100	348.60	27.9
			#200	416.20	13.9

Fractional Components

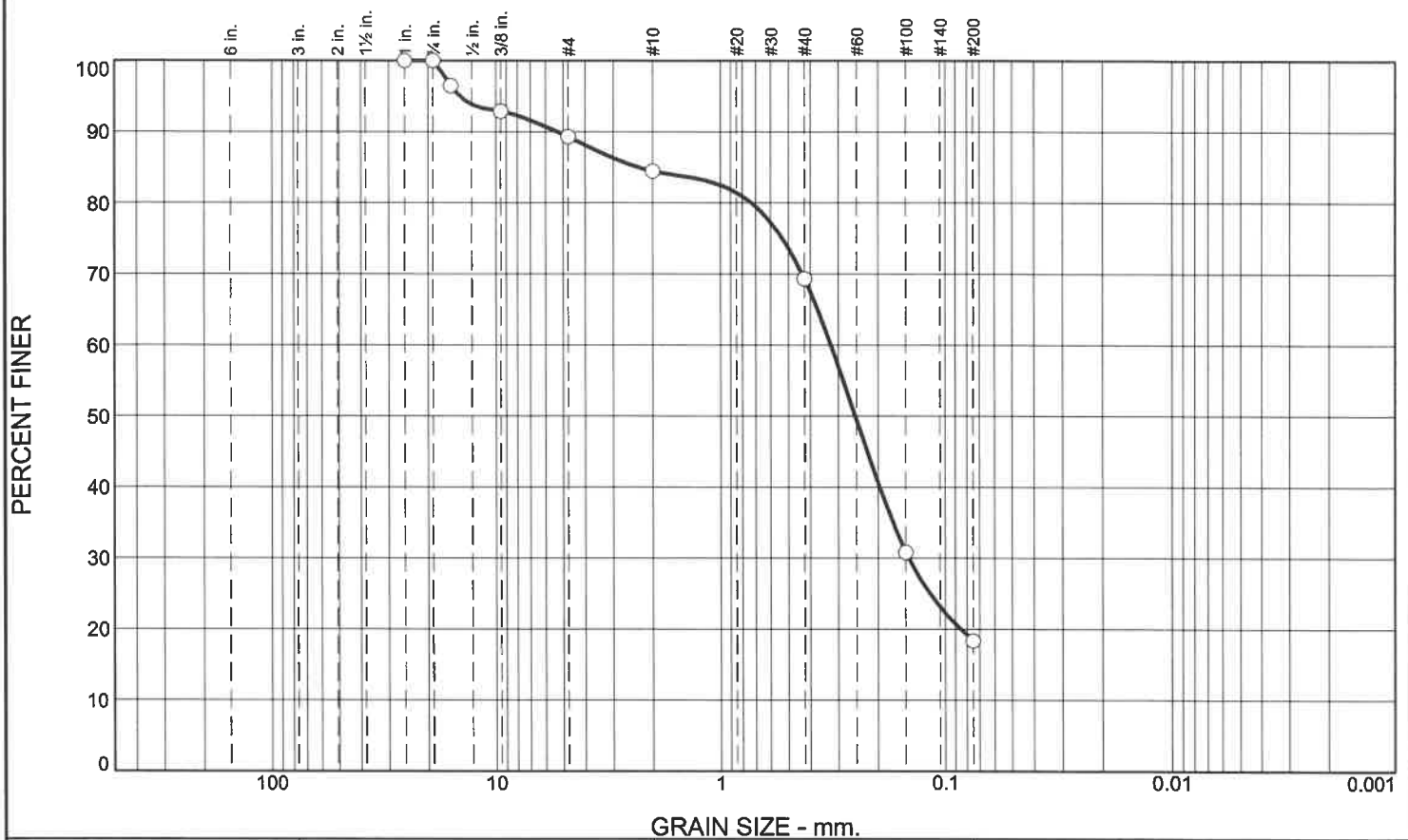
Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	10.1	11.8	64.2	76.0			13.9

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
		0.0818	0.1125	0.1586	0.1979	0.2396	0.2886	0.5078	0.8819	2.0460	9.9679

Fineness Modulus

1.64

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	15.5	15.2	50.9	18.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	100.0		
5/8"	96.5		
3/8"	92.9		
#4	89.3		
#10	84.5		
#40	69.3		
#100	30.8		
#200	18.4		

* (no specification provided)

<u>Soil Description</u>		
Silty Sand with gravel		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 5.2895	D ₈₅ = 2.3019	D ₆₀ = 0.3248
D ₅₀ = 0.2530	D ₃₀ = 0.1455	D ₁₅ =
D ₁₀ =	C _u =	C _c =
<u>Classification</u>		
USCS= SM	AASHTO=	
<u>Remarks</u>		
MC % - 5.8 %		

Source of Sample: AB-03
Sample Number: S-2

Depth: 5

Date: 8/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project No: 08-175 / HMA 8831

Figure

Tested By: HL

Checked By: JM

GRAIN SIZE DISTRIBUTION TEST DATA

8/20/2024

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project Number: 08-175 / HMA 8831

Location: AB-03

Depth: 5

Sample Number: S-2

Material Description: Silty Sand with gravel

Date: 8/14/2024

USCS Classification: SM

Testing Remarks: MC % - 5.8 %

Tested by: HL

Checked by: JM

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 423.85

Tare Wt. = 13.30

Minus #200 from wash = 16.9%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
507.40	13.30	0.00	1"	0.00	100.0
			3/4"	0.00	100.0
			5/8"	17.20	96.5
			3/8"	35.00	92.9
			#4	52.90	89.3
			#10	76.70	84.5
			#40	151.58	69.3
			#100	341.70	30.8
			#200	403.30	18.4

Fractional Components

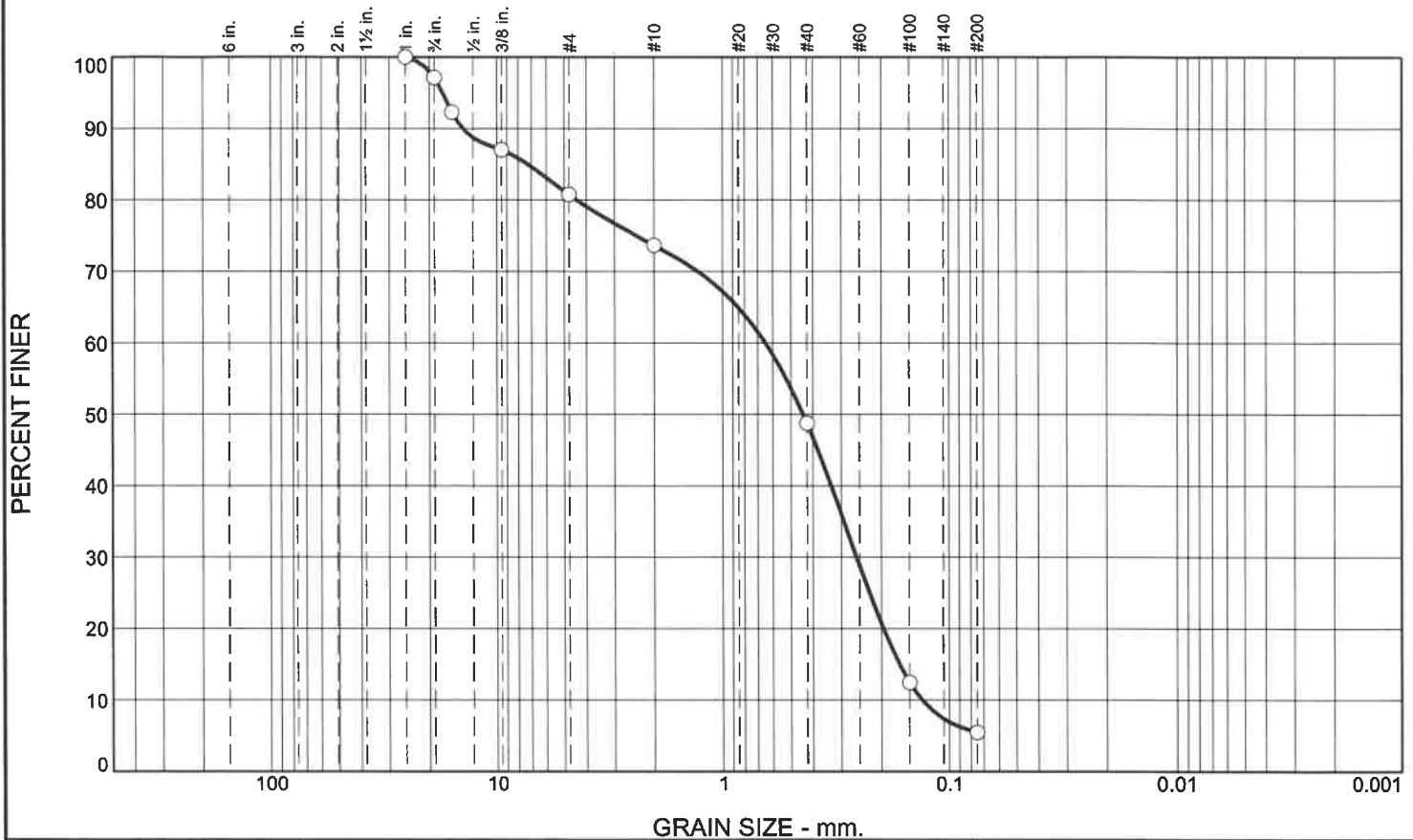
Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	15.5	15.2	50.9	66.1			18.4

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
			0.0851	0.1455	0.1968	0.2530	0.3248	0.7279	2.3019	5.2895	14.3783

Fineness Modulus

1.84

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	26.3	24.9	43.3	5.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	97.1		
5/8"	92.3		
3/8"	87.1		
#4	80.8		
#10	73.7		
#40	48.8		
#100	12.4		
#200	5.5		

(no specification provided)

Soil Description
Poorly graded sand with silt and gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 14.1107 D₈₅= 7.2476 D₆₀= 0.6474
 D₅₀= 0.4415 D₃₀= 0.2576 D₁₅= 0.1663
 D₁₀= 0.1319 C_u= 4.91 C_c= 0.78

Classification
 USCS= SP-SM AASHTO=

Remarks
 MC % - 15.4 %

Source of Sample: AB-03
Sample Number: S-6

Depth: 15

Date: 8/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project No: 08-175 / HMA 8831

Figure

Tested By: HL

Checked By: JM

GRAIN SIZE DISTRIBUTION TEST DATA

8/20/2024

Client: Aspect Consulting

Project: Perry Ave, non-motorized Improvements # AS210516F

Project Number: 08-175 / HMA 8831

Location: AB-03

Depth: 15

Sample Number: S-6

Material Description: Poorly graded sand with silt and gravel

Date: 8/14/2024

USCS Classification: SP-SM

Testing Remarks: MC % - 15.4 %

Tested by: HL

Checked by: JM

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 534.54

Tare Wt. = 15.80

Minus #200 from wash = 5.5%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
564.49	15.80	0.00	1"	0.00	100.0
			3/4"	15.70	97.1
			5/8"	42.20	92.3
			3/8"	71.00	87.1
			#4	105.50	80.8
			#10	144.30	73.7
			#40	281.10	48.8
			#100	480.40	12.4
			#200	518.60	5.5

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	26.3	24.9	43.3	68.2			5.5

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
	0.1319	0.1663	0.1960	0.2576	0.3330	0.4415	0.6474	4.3815	7.2476	14.1107	17.5226

Fineness Modulus	C _u	C _c
2.84	4.91	0.78

Moisture Content

ASTM D-2216

Project Number: 08-175/AS210516F

Project Name: Perry Ave

Description: Soil

Lab Number: 8810

Received Date: 6/30/2024

Start Date: 7/5/2024

Finish Date: 7/14/2024

Technician: SL

Tare ID	Lab #	Sample	Depth	Boring	Weight of Moist Soil + Tare (g)	Weight of Dry Soil + Tare (g)	Tare Weight (g)	Moisture Content (%)
X-5	1	S1	6	APIT-01	1756.9	1614.4	198.3	10.1
X-2	2	S2	8	APIT-01	6488.6	5207.6	595.6	27.8
X-7	3	S3	11	APIT-01	1888.1	1684.3	192.9	13.7
Oven No.	Oven In-Calibration	Calibration Due			Balance	In Calibration	Calibration Due	
105567	8/21/2023	8/21/2024			545249	8/21/2023	8/21/2024	

ORGANIC CONTENT

ASTM D 2974

Project Name: Perry Ave

Project Number: 08-175/AS210516F

Date Tested: 7/12/2024

HMA Lab # 8810

Material Description: Soil

Material Location: NA

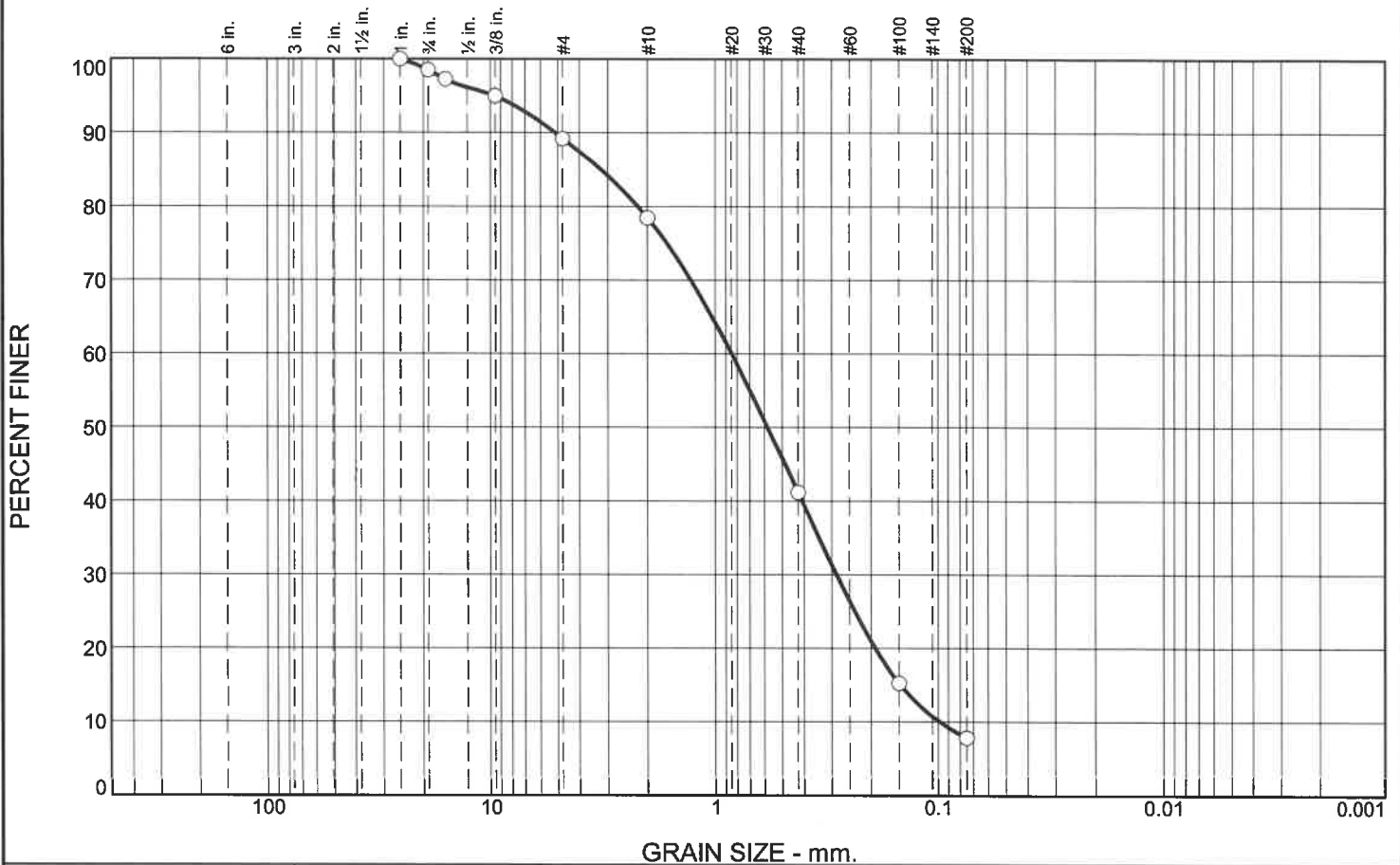
Testing Spec: OC

Total Wet Wt + Tare	472.1 grams
Total Oven Dried Wt + Tare	371.3 grams
Wt of Tare	12.8 grams
Moisture Loss	100.7 grams
Moisture Content	28.1 %

BURN No.	Tare + Dry Weight
1	
2	
3	
4	
5	

Total Oven Dried Wt + Tare	801.09 grams
Total Ash/Soil Wt + Tare	790.80 grams
Wt of Tare	598.45 grams
Ash Content	10.3 grams
Percentage Ash Content	5.3 %

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	21.5	37.3	33.4	7.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	98.5		
5/8"	97.3		
3/8"	95.0		
#4	89.2		
#10	78.5		
#40	41.2		
#100	15.3		
#200	7.8		

* (no specification provided)

Soil Description
 Sand with gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 5.1448 D₈₅= 3.2081 D₆₀= 0.8463
 D₅₀= 0.5815 D₃₀= 0.2863 D₁₅= 0.1477
 D₁₀= 0.0977 C_u= 8.66 C_c= 0.99

Classification
 USCS= SW AASHTO=

Remarks
 MC=13.7%

Source of Sample: APIT-01
Sample Number: S-3

Depth: 11

Date: 7/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave Project# AS210516F

Project No: 08-175

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

7/14/2024

Client: Aspect Consulting

Project: Perry Ave Project# AS210516F

Project Number: 08-175

Location: APIT-01

Depth: 11

Sample Number: S-3

Material Description: Sand with gravel

Date: 7/14/2024

USCS Classification: SW

Testing Remarks: MC=13.7%

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 1597.70

Tare Wt. = 192.90

Minus #200 from wash = 5.8%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
1684.30	192.90	0.00	1"	0.00	100.0
			3/4"	21.90	98.5
			5/8"	40.90	97.3
			3/8"	74.70	95.0
			#4	161.10	89.2
			#10	321.10	78.5
			#40	877.40	41.2
			#100	1263.90	15.3
			#200	1374.90	7.8

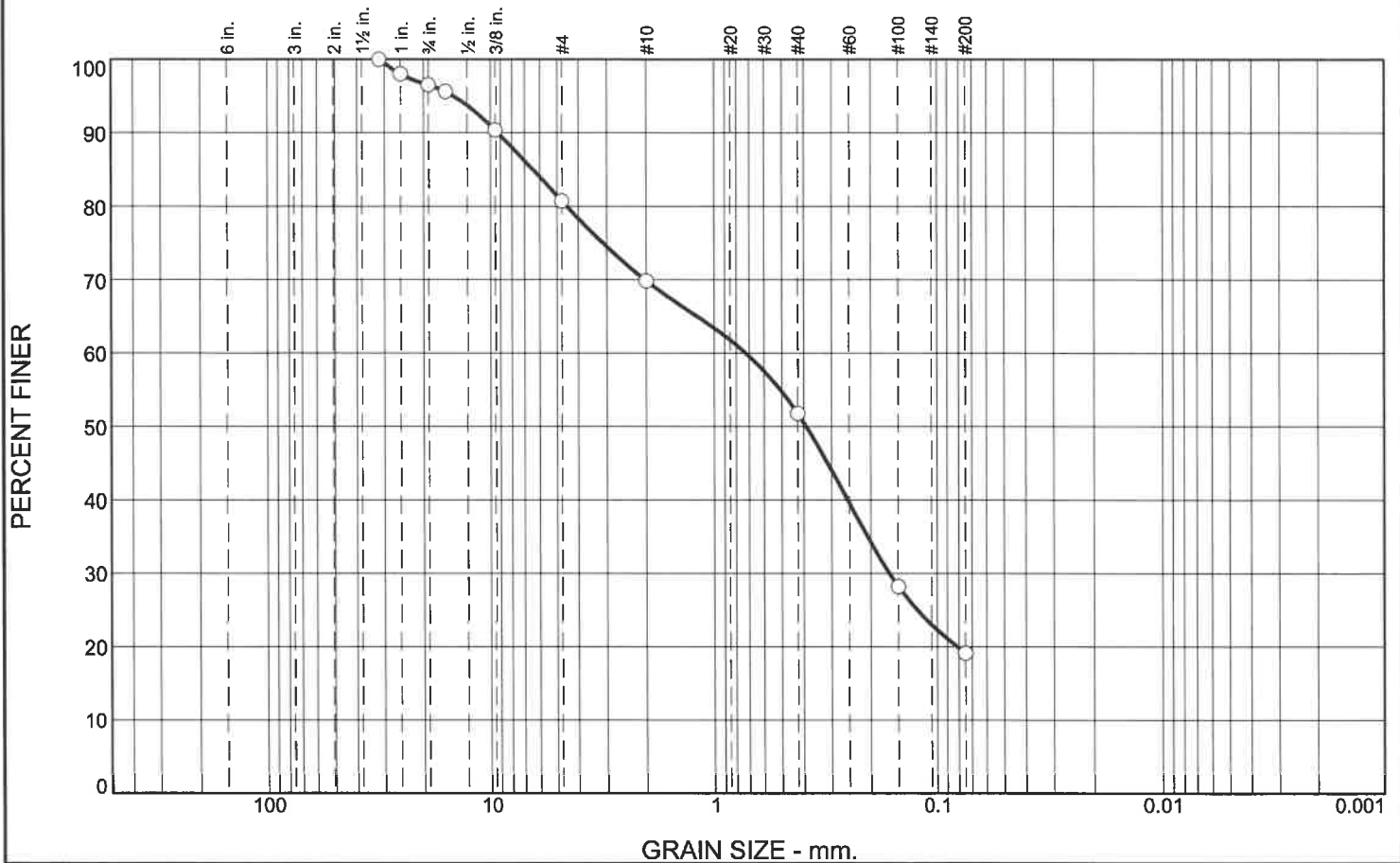
Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	21.5	37.3	33.4	70.7			7.8

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
	0.0977	0.1477	0.1917	0.2863	0.4080	0.5815	0.8463	2.2023	3.2081	5.1448	9.5412

Fineness Modulus	C _u	C _c
2.71	8.66	0.99

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	30.2	18.0	32.6	19.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1 1/4"	100.0		
1"	98.0		
3/4"	96.5		
5/8"	95.6		
3/8"	90.4		
#4	80.7		
#10	69.8		
#40	51.8		
#100	28.2		
#200	19.2		

* (no specification provided)

Soil Description
 Silty sand with gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 9.2572 D₈₅= 6.4255 D₆₀= 0.7237
 D₅₀= 0.3899 D₃₀= 0.1645 D₁₅=
 D₁₀= C_u= C_c=

Classification
 USCS= SM AASHTO=

Remarks
 MC=27.8%

Source of Sample: APIT-01
Sample Number: S-2

Depth: 8

Date: 7/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting
Project: Perry Ave Project# AS210516F

Project No: 08-175

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

7/14/2024

Client: Aspect Consulting

Project: Perry Ave Project# AS210516F

Project Number: 08-175

Location: APIT-01

Depth: 8

Sample Number: S-2

Material Description: Silty sand with gravel

Date: 7/14/2024

USCS Classification: SM

Testing Remarks: MC=27.8%

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 4597.60

Tare Wt. = 595.60

Minus #200 from wash = 13.2%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
5207.60	595.60	0.00	1 1/4"	0.00	100.0
			1"	91.50	98.0
			3/4"	159.90	96.5
			5/8"	201.40	95.6
			3/8"	444.10	90.4
			#4	889.10	80.7
			#10	1391.50	69.8
			#40	2224.20	51.8
			#100	3310.10	28.2
			#200	3728.70	19.2

Fractional Components

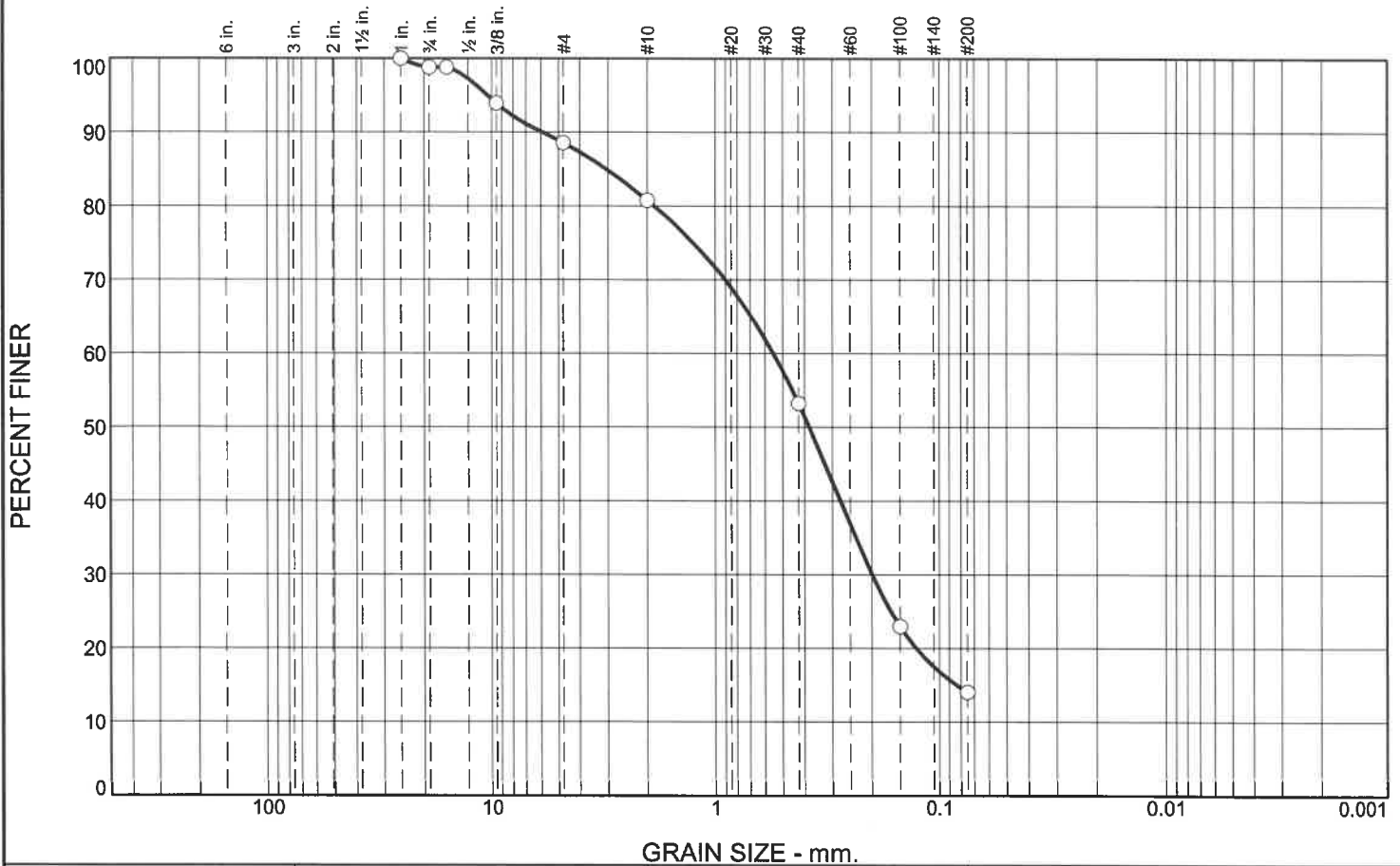
Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	30.2	18.0	32.6	50.6			19.2

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
			0.0813	0.1645	0.2546	0.3899	0.7237	4.5116	6.4255	9.2572	14.5326

Fineness Modulus

2.66

Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	19.3	27.5	39.1	14.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0		
3/4"	98.8		
5/8"	98.8		
3/8"	93.9		
#4	88.6		
#10	80.7		
#40	53.2		
#100	23.0		
#200	14.1		

* (no specification provided)

Soil Description
 Silty sand with gravel

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 5.8962 D₈₅= 3.0528 D₆₀= 0.5513
 D₅₀= 0.3808 D₃₀= 0.1992 D₁₅= 0.0832
 D₁₀= C_u= C_c=

Classification
 USCS= SM AASHTO=

Remarks
 MC=10.1%

Source of Sample: APIT-01
Sample Number: S-1

Depth: 6

Date: 7/14/2024

Hayre McElroy & Associates, LLC

Redmond, WA

Client: Aspect Consulting

Project: Perry Ave Project# AS210516F

Project No: 08-175

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

7/14/2024

Client: Aspect Consulting

Project: Perry Ave Project# AS210516F

Project Number: 08-175

Location: APIT-01

Depth: 6

Sample Number: S-1

Material Description: Silty sand with gravel

Date: 7/14/2024

USCS Classification: SM

Testing Remarks: MC=10.1%

Sieve Test Data

Post #200 Wash Test Weights (grams): Dry Sample and Tare = 1436.10

Tare Wt. = 198.30

Minus #200 from wash = 12.6%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
1614.44	198.30	0.00	1"	0.00	100.0
			3/4"	16.80	98.8
			5/8"	16.80	98.8
			3/8"	85.90	93.9
			#4	161.90	88.6
			#10	272.70	80.7
			#40	662.50	53.2
			#100	1090.60	23.0
			#200	1217.10	14.1

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	19.3	27.5	39.1	66.6			14.1

D ₅	D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₄₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
		0.0832	0.1271	0.1992	0.2769	0.3808	0.5513	1.8702	3.0528	5.8962	10.4346

Fineness Modulus
2.34

Am Test Inc.

13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



***Professional
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Services***

July 18, 2024

Karen Flint

9644 153RD AVE NE STE B8
REDMOND, WA 98052

Project: Perry Ave

Project Number: 08-175/AS210516F

Project Manager: Karen Flint

RE: Perry Ave

Enclosed are the results of analyses for samples received by our laboratory on 7/12/2024.
Please feel free to contact me with any questions or considerations regarding this report.

Sincerely,

A handwritten signature in black ink that reads "Aaron Young". The signature is fluid and cursive, with the first name "Aaron" and the last name "Young" clearly distinguishable.

ElementStationManager For Aaron Young

President

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



**Professional
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ANALYSIS REPORT

HAYRE MCELROY & ASSOCIATES

9644 153RD AVE NE STE B8
REDMOND, WA 98052
Attention: Karen Flint
Project Name: Perry Ave
Project #: 08-175/AS210516F

Date Received: 07/12/24
Date Reported: 07/18/24

All results reported on an as received basis.

Reported Samples

Lab ID	Sample	Matrix	Qualifiers	Date Sampled	Date Received
A24G0237-01	APIT-01/S-2 @ 8'	Solid		06/28/2024	07/12/2024

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



**Professional
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ANALYSIS REPORT

HAYRE MCELROY & ASSOCIATES

9644 153RD AVE NE STE B8
REDMOND, WA 98052
Attention: Karen Flint
Project Name: Perry Ave
Project #: 08-175/AS210516F

Date Received: 07/12/24
Date Reported: 07/18/24

All results reported on an as received basis.

AMTEST Identification Number: A24G0237-01
Client Identification: APIT-01/S-2 @ 8'
Sampling Date: 06/28/24 07:00

Metals Extraction

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
CEC (Cation Exchange Capacity)	9.48	meq/100 g		0.500	EPA 9081	AE	07/17/2024

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



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ANALYSIS REPORT

HAYRE MCELROY & ASSOCIATES

9644 153RD AVE NE STE B8
REDMOND, WA 98052
Attention: Karen Flint
Project Name: Perry Ave
Project #: 08-175/AS210516F

Date Received: 07/12/24
Date Reported: 07/18/24

All results reported on an as received basis.

Quality Control

Metals Extraction

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BBG0217 - EPA 9081 (CEC)										
Calibration Blank (BBG0217-CCB1)										
					Prepared: 07/16/24 Analyzed: 07/17/24					
CEC (Cation Exchange Capacity)	0	U		meq/100 g						
Duplicate (BBG0217-DUP1)										
					Prepared: 07/16/24 Analyzed: 07/17/24					
CEC (Cation Exchange Capacity)	2.91		0.500	meq/100 g		3.01			3	20
Duplicate (BBG0217-DUP2)										
					Prepared: 07/16/24 Analyzed: 07/17/24					
CEC (Cation Exchange Capacity)	5.66		0.500	meq/100 g		5.88			4	20

Notes and Definitions

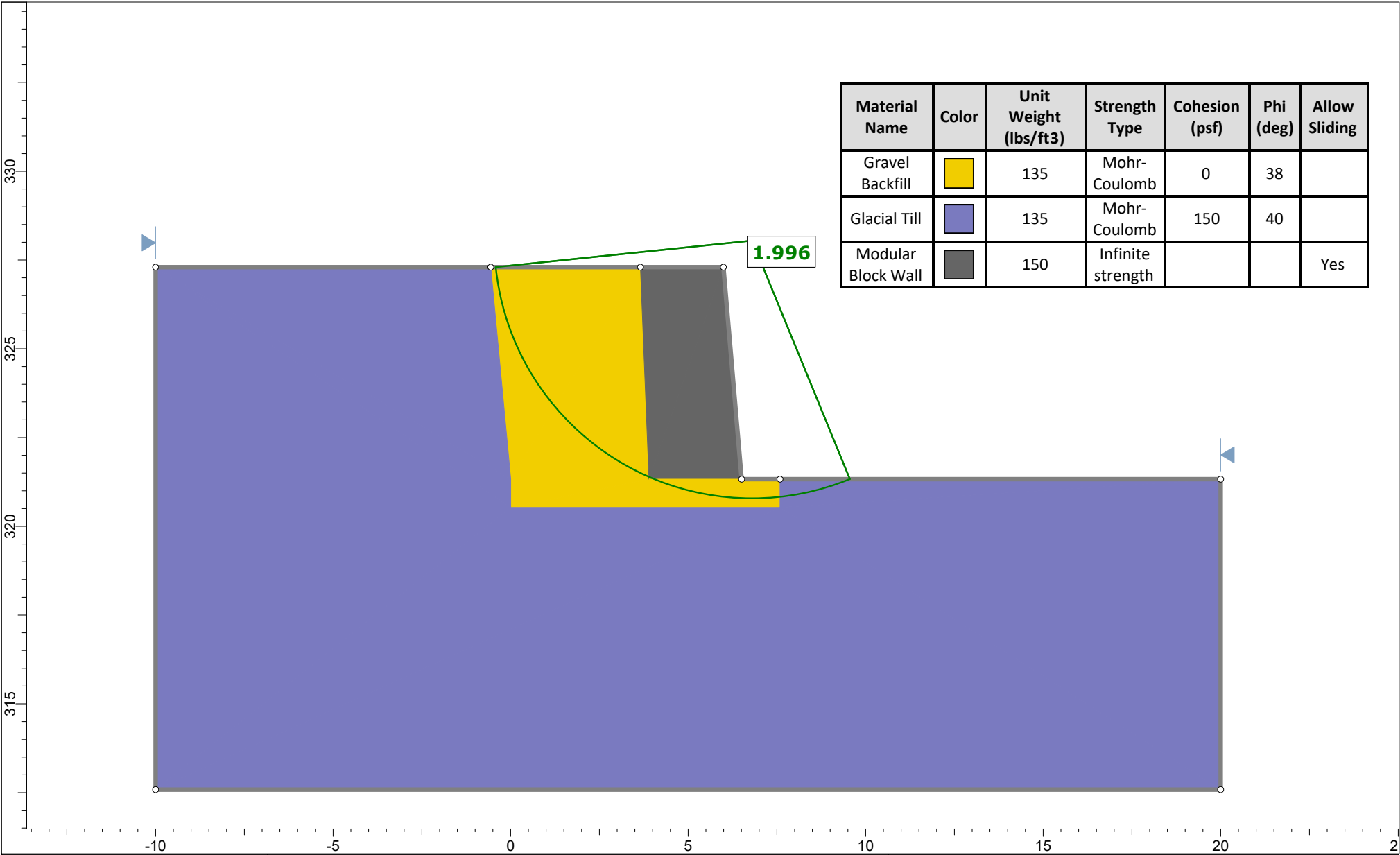
Item	Definition
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

COMMENTS:

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APPENDIX C

Retaining Wall Global Stability Analysis



Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (deg)	Allow Sliding
Gravel Backfill		135	Mohr-Coulomb	0	38	
Glacial Till		135	Mohr-Coulomb	150	40	
Modular Block Wall		150	Infinite strength			Yes

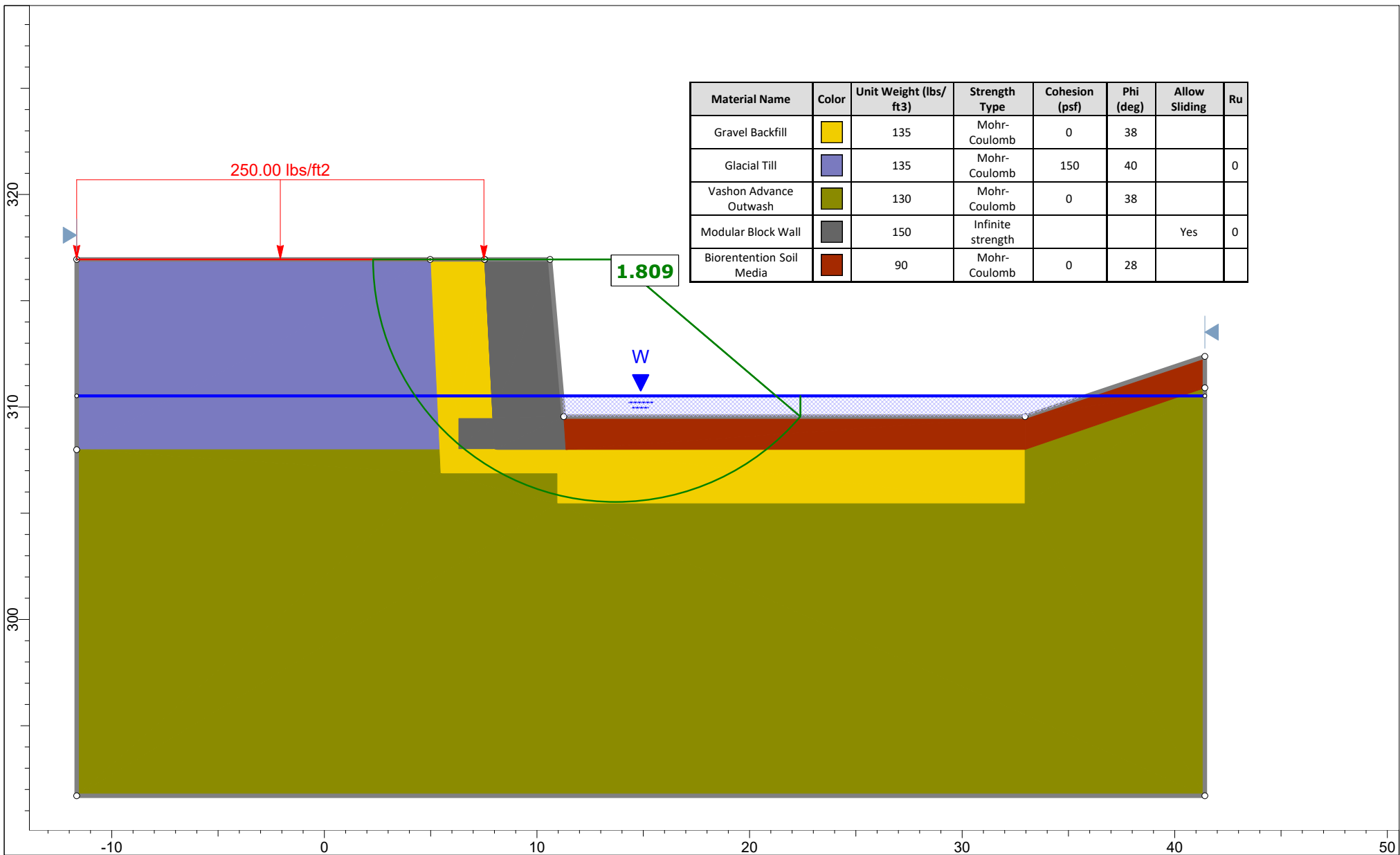
Legend

-  Search Grid
-  Search Limits
-  Modeled Groundwater Level

Gravity Block Cut Wall

Slope Stability Analysis

Draft Geotechnical Report
Perry - Stone to Sheridan Improvements
Kitsap County, Washington



Material Name	Color	Unit Weight (lbs/ft ³)	Strength Type	Cohesion (psf)	Phi (deg)	Allow Sliding	Ru
Gravel Backfill		135	Mohr-Coulomb	0	38		
Glacial Till		135	Mohr-Coulomb	150	40		0
Vashon Advance Outwash		130	Mohr-Coulomb	0	38		
Modular Block Wall		150	Infinite strength			Yes	0
Bioentention Soil Media		90	Mohr-Coulomb	0	28		

Legend

- Search Grid
- Search Limits
- Modeled Groundwater Level

Gravity Block Bioentention Fill Wall

Slope Stability Analysis

Draft Geotechnical Report
Perry - Stone to Sheridan Improvements
Kitsap County, Washington

SCALE: 1:75

P:_GEOTECH\Kitsap County Geotechnical On-Call\Perry Ave Non-Motorized Improvements
Data\Analyses\SSA\2024.08.19 Perry SSA.slm



9/4/2024

PROJECT NO.
AS210516F

BY:
SBC

REVIEWED BY:
AJH

APPENDIX:

C-2

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APPENDIX D

Report Limitations and Guidelines for Use

REPORT LIMITATIONS AND GUIDELINES FOR USE

Geoscience is Not Exact

The geoscience practices (geotechnical engineering, geology, and environmental science) are far less exact than other engineering and natural science disciplines. It is important to recognize this limitation in evaluating the content of the report. If you are unclear how these "Report Limitations and Guidelines for Use" apply to your project or property, you should contact Aspect Consulting (Aspect).

This Report and Project-Specific Factors

Aspect's services are designed to meet the specific needs of our clients. Aspect has performed the services in general accordance with our agreement (the Agreement) with the Client (defined under the Limitations section of this project's work product). This report has been prepared for the exclusive use of the Client. This report should not be applied for any purpose or project except the purpose described in the Agreement.

Aspect considered many unique, project-specific factors when establishing the Scope of Work for this project and report. You should not rely on this report if it was:

- Not prepared for you;
- Not prepared for the specific purpose identified in the Agreement;
- Not prepared for the specific subject property assessed; or
- Completed before important changes occurred concerning the subject property, project, or governmental regulatory actions.

If changes are made to the project or subject property after the date of this report, Aspect should be retained to assess the impact of the changes with respect to the conclusions contained in the report.

Reliance Conditions for Third Parties

This report was prepared for the exclusive use of the Client. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against liability claims by third parties with whom there would otherwise be no contractual limitations. Within the limitations of scope, schedule, and budget, our services have been executed in accordance with our Agreement with the Client and recognized geoscience practices in the same locality and involving similar conditions at the time this report was prepared.

Property Conditions Change Over Time

This report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by events such as a change in property use or occupancy, or by natural events, such as floods,

earthquakes, slope instability, or groundwater fluctuations. If any of the described events may have occurred following the issuance of the report, you should contact Aspect so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Geotechnical, Geologic, and Environmental Reports Are Not Interchangeable

The equipment, techniques, and personnel used to perform a geotechnical or geologic study differ significantly from those used to perform an environmental study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually address any environmental findings, conclusions, or recommendations (e.g., about the likelihood of encountering underground storage tanks or regulated contaminants). Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding the subject property.

We appreciate the opportunity to perform these services. If you have any questions, please contact the Aspect Project Manager for this project.

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ATTACHMENT E

POTHOLE REPORT, CRP 3699 Perry – Stone to Sheridan, 10/02/2024

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Kitsap County Public Works

Construction Division



CRP 3699 Perry- Stone to Sheridan

Pothole Report

Pothole Operations Conducted:

09/18/2024 - 09/19/2024

09/23/2024 - 09/24/2024

09/26/2024

Report Published:

10/02/2024

Dustin Gilchrist, BSCE

Materials Engineer, KCPW

(360) 731-8825

DGilchrist@kitsap.gov

Project Name

Pot Hole Information

PH 1

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 1		3"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, E-W	4"	2.3'	300.91'	2+25	+16.8' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 10

Perry Stone to Sheridan

Pothole Photo

Clear

**Vicinity Photo**

Clear



Location

Asphalt Depth

Soil Type

PH 10

8"

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
DI, Water, N-S	8"		3.8'	300.53'	10+88	+7' L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 101 & 301

Perry Stone to Sheridan

Pothole Photo			Clear			Vicinity Photo			Clear		
											
Location			Asphalt Depth			Soil Type					
PH 101 & 301			4" over gas. 0" over Comm.			GP					
Type		Utilities Size	Depth	Elev.*	Station	Survey Data Offset					
PVC, Communications, E-W		4"	2.3'	No Shot	1+32	+28.5' L					
Poly, Communication, E-W		2"	2.1'	300.67'	1+32	+28.5' L					
Steel, Gas, E-W		3"	2.8'	299.82'	1+32	+27' L					
Other Information											

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 102

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 102		2"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas N-S	2"	3.2'	300.05'	10+44.5	+15.3' R
Other Information					
Found large concrete storm drain at depth of 1.5' at approximate offset of 13.5'					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 103

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 103		1"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	2.2'	301.77'	10+88	+15' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 104 & 202

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 104 & 202			0		GW		
Type		Utilities Size	Depth	Elev.*	Station	Survey Data Offset	
Steel, Gas, N-S		2"	2.6'	302.37'	11+75'	+15' R	
PVC, Power, E-W		4"	2.8'	302.14'	11+75'	+15.5' R	
Other Information							
*Top of Pipe unless otherwise noted							

Project Name

Pot Hole Information

PH 105

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 105		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas Service, E-W	1"	2.3'	304.27'	12+56	+14.3' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 106

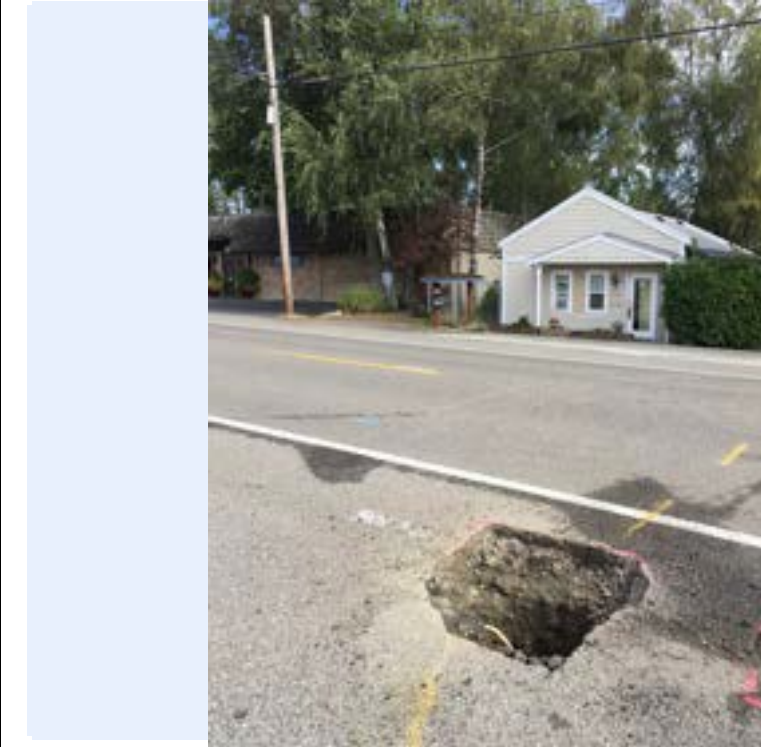
Pothole Photo

Clear



Vicinity Photo

Clear



Location	Asphalt Depth	Soil Type
PH 106	8"	GP

Type	Utilities		Depth	Survey Data		
	Size			Elev.*	Station	Offset
Steel, Gas Service, E-W	1"		1.3'	310.23'	15+86	+14.5' L
AC, Water, N-S	6"		2.8'	308.77'	15+86	+14.5' L

Other Information

There is another 1" gas service line the "deadlines" into PH 106

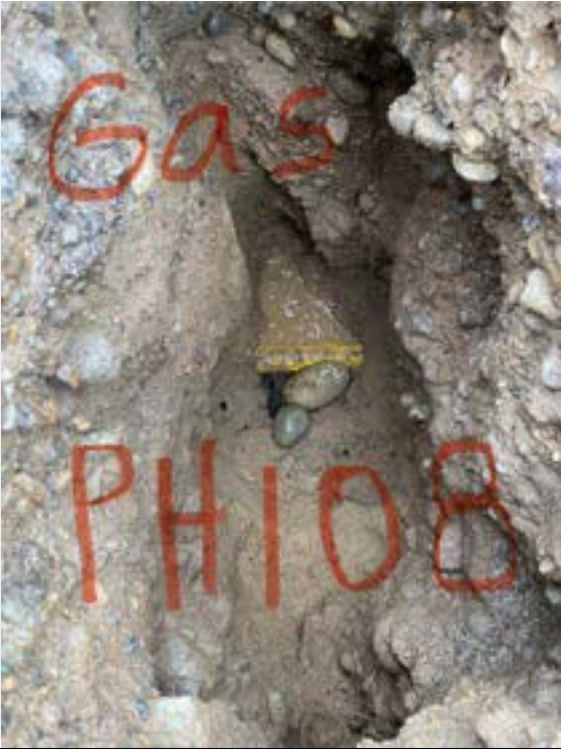
**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 108

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 108		8"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	4.3'	309.55'	17+46	17.5' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 11

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 11		8"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.7'	301.52'	10+90	+16.3' L
Other Information					

**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 111

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 111		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	2.8'	312.49'	18+65	16.5' R
Other Information					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 112

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 112		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3.3'	313.9'	19+26.5	+15.3' L
Steel, Gas Service, E-W	1"	1.35'	315.76'	19+26.5	+15' L
Other Information					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 113

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 113		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	2.2'	314.24'	19+40	+16.5' R
Other Information					
PH 113 and 35 were originally called out to be done in the same hole. It was decided that using 2 holes would save time, space in the Vactor truck, and backfill material.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 114 & 305

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 114 & 305		10"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	3'	314.06'	19+94	+15.4' R
Steel, Gas, E-W	2"	3.5'	313.52'	19+95	+15.8' R
PVC, Communications, N-S	2"	2.4'	314.38'	19+94	+17' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 115

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 115		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas Service, E-W	1"	2.3'	316.48'	20+23	+14.7 L
Other Information					
*Top of Pipe unless otherwise noted					

Project Name

Perry Store to Sheridan

Pot Hole Information

PH 116

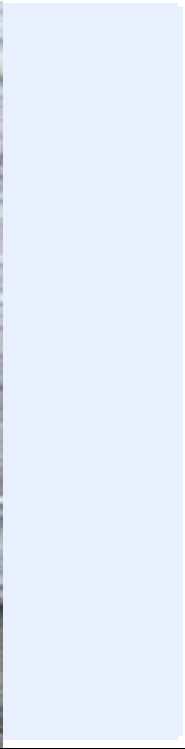
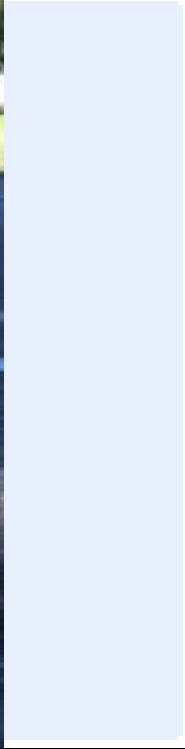
Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 116		9"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas Service, E-W	1"	3.1'	314.99'	20+26'	+15' R
Other Information					
Gas Service Line runs under roadway					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 118

Perry Stone to Sheridan

<u>Pothole Photo</u>			Clear	<u>Vicinity Photo</u>			Clear
							
Location			Asphalt Depth		Soil Type		
PH 118			4"		GP		
<u>Type</u>		<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>	
Steel, Gas, N-S		2"	2.3'	316.22'	20+60	+15.3' R	
Steel, Gas service, E-W		1"	2.1'	316.57'	20+61	+15' R	
<u>Other Information</u>							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 119

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 119		7"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas Service, E-W	1"	2.7'	317.72'	21+5	+4.5' L
Other Information					

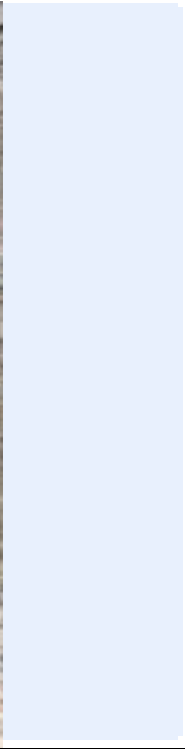
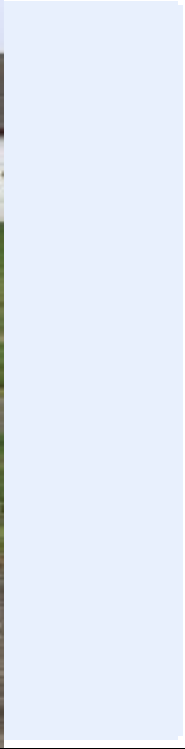
*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 12 & 201

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 12 & 201			10.5"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
PVC, Power, E-W	4"	3.85'	301.72'	11+75	+15' L		
AC, Water, N-S	6"	3'	302.55'	11+75	+15.4' L		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 120

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 120		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	3'	316.26'	21+6.5	+15.5' R
Steel, Gas Service, E-W	1"	2.7'	316.63'	21+6.5	+16' R
Other Information					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 121

Pothole Photo

Clear

Vicinity Photo

Clear



Location

PH 121

Asphalt Depth

7"

Soil Type

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Steel, Gas Service, E-W	1"		2.1'	319.35'	21+75	+15' L

Other Information

Found large concrete pipe (N-S) at depth of 0.9'. Approximate offset of 12' L of center. No locate marks on ground, possibly abandoned

**Top of Pipe unless otherwise noted*

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 122

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 122		5"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, E-W	1"	1.7'	319.01'	21+77	+13' R
Other Information					
Original Location for PH 122 was in a concrete driveway. 2 alternate locations (Forms PH 122 & 122A) were selected to estimate depth of utility under concrete rather than tear up the driveway.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 122A

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 122A			7"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Steel, Gas, N-S	2"	2.4'	317.62'	21+68	+16.7' R		
Poly, Communications, N-S	2"	2.3'	No Shot	21+68	+18.4' R		
Other Information							
Original Location for PH 122 was in a concrete driveway. 2 alternate locations (Forms PH 122 & 122A) were selected to estimate depth of utility under concrete rather than tear up the driveway.							
<i>*Top of Pipe unless otherwise noted</i>							

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 123, 306 & 307

<u>Pothole Photo</u>			Clear	<u>Vicinity Photo</u>			Clear
							
Location			Asphalt Depth		Soil Type		
PH 123, 306 & 307			0"		GW		
<u>Utilities</u>			<u>Survey Data</u>				
<u>Type</u>	<u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>		
Steel, Gas, N-S	2"	3'	No Shot	22+67.5	+17.3' R		
Poly, Communications, N-S	2"	2.2'	No shot	22+67.5	+17.3' R		
PVC, Communications, N-S	4"	2.3'	319.19'	22+67.5	+17' R		
PVC, Communications, N-S	4"	2.4'	319.19'	22+67.5	+17.6' R		
<u>Other Information</u>							
2" Gas line is running 6" below and directly underneath the communication conduits							
<i>*Top of Pipe unless otherwise noted</i>							

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 124

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 124			6"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Steel, Gas Service, E-W	1"	2.5'	320.28'	22+69	15' L		
<u>Other Information</u>							

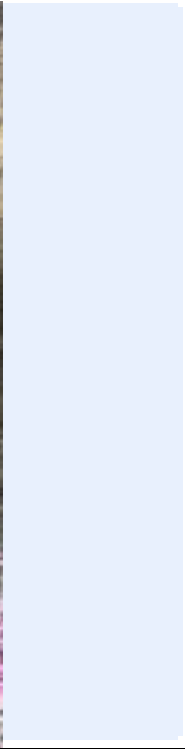
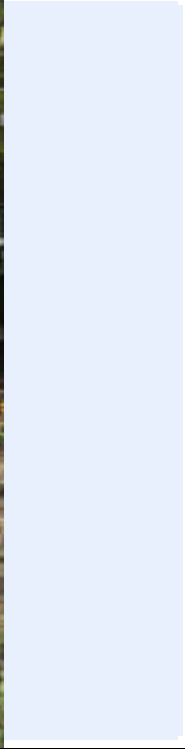
*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 125

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 125		0"		GP with 1 foot of grass covered topsoil	
Utilities			Survey Data		
Type	Size	Depth	Elev.*	Station	Offset
Steel, Gas Service, E-W	1"	3.8'	321.28'	22+69	+22.5' L
Other Information					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 126 & 308

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 126 & 308			0"		GP		
Type		Utilities Size	Depth	Elev.*	Station	Survey Data Offset	
Steel, Gas, N-S		2"	2.9'	319.43'	23+9	+16.8' R	
PVC, Communication, N-S		2"	2.3'	319.89'	23+9	+16.8' R	
PVC, Communication, N-S		4"	2.5'	320.14'	23+9	+17.4' R	
Other Information							
Broken PVC Communications conduit appears to have been paced around gas line. The other 4" Communications conduit is cracked.							
<i>*Top of Pipe unless otherwise noted</i>							

Project Name

Pot Hole Information

PH 127

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 127			0"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Steel, Gas, N-S	2"	3.3'	319.71'	23+76	+16.4' R		
<u>Other Information</u>							

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 128

Pothole Photo

Clear

Vicinity Photo

Clear

Location

PH 128

Asphalt Depth

7.5"

Soil Type

GW

<u>Utilities</u>			<u>Survey Data</u>			
<u>Type</u>	<u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>	
AC, Water, N-S	6"	2.7'	321.98'	24+18	15' L	
Steel, Gas Service, E-W	2"	3.8'	320.92'	24+17	15' L	

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry stone to Sheridan

Pot Hole Information

PH 129

Pothole Photo

Clear

Vicinity Photo

Clear



Location

PH 129

Asphalt Depth

0"

Soil Type

GW

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u>	
	<u>Size</u>					<u>Offset</u>	
Steel, Gas, N-S	2"		2.9'	320.85'	24+19	+15.8' R	

Other Information

*Top of Pipe unless otherwise noted

<u>Pothole Photo</u>			Clear		<u>Vicinity Photo</u>			Clear	
									
Location			Asphalt Depth		Soil Type				
PH 13			8"		GP				
<u>Type</u>		<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>			
DI, Water, N-S		8"	4'	301.73'	11+75	+7' L			
PVC, Power, E-W		4"	3.5'	302.01'	11+75	+7' L			
<u>Other Information</u>									

*Top of Pipe unless otherwise noted

Project Name

Perry Ave Stone to Sheridan

Pot Hole Information

PH 131

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 131			0"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Steel, Gas, N-S	2"	2.3'	321.86'	24+79	+16.4' R		
Steel, Gas Service, E-W	1"	2.0'	322.17'	24+79	+16.0' R		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 132

Perry Stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 132

0"

GW

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Steel, Gas, N-S	2"		2.2'	321.87'	24+89.5	+16' R
Steel, Gas Service, E-W	1"		1.9'	322.22'	24+89.5	+15.5' R

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 134

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 134

4"

GW

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Steel, Gas, N-S	2"		2.7'	322.40'	25+82	+15' R

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 14

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 14		10.5"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3.2'	302.56'	11+88	+15' L
DI, Water Service, E-W	1"	2.7'	303.03'	11+88	+15.3' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 15 & 16

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 15 & 16			10"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
AC, Water, N-S	6"	2.7'	303.75'	12+51	15.1' L		
Water Service, E-W	3/4"	3.4'	303.07'	12+50	14.8' L		
Water Service, E-W	3/4"	3.4'	303.07'	12+50	14.8' L		
Other Information							
2 Side-by-side E-W water service lines under 6" N-S AC pipe							
<i>*Top of Pipe unless otherwise noted</i>							

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 17

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 17		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
DI, Water, N-S	8"	3.9'	302.95'	12+68	+7.7' L
<u>Other Information</u>					

**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 18 A

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 18 A			8"		GW		
Utilities			Survey Data				
Type	Size	Depth	Elev.*	Station	Offset		
Water Service, E-W	3/4"	2.5'	305.14'	13+28	+14.7' L		
AC, Water, N-S	6"	3.1'	304.49'	13+28	+15' L		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 18

Pothole Photo		Clear	Vicinity Photo		Clear
Location		Asphalt Depth		Soil Type	
PH 18		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	3/4"	2.8'	304.61'	13+24'	+13.7' L
Other Information					

*Top of Pipe unless otherwise noted

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location		Asphalt Depth		Soil Type			
PH 19		8"		GW			
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
AC, Water, N-S	6"	2.85'	306.19'	14+17	+15' L		
Other Information							
*Top of Pipe unless otherwise noted							

Project Name

Pot Hole Information

PH 2

Perry Stone to Sheridan

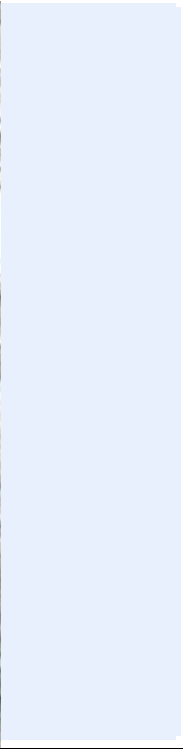
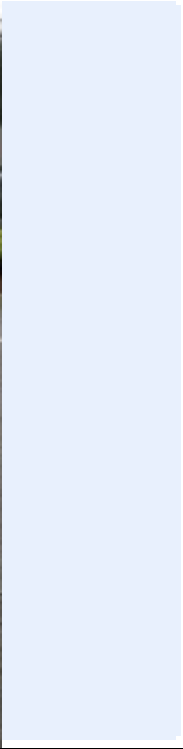
Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 2		5"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, E-W	4"	1.6'	296.78'	3+1.5	+17' L
Other Information					
Deviated from locates toward centerline of Stone Way. Some additional chipping was required.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 20

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 20			7"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
DI, Water, N-S	8"	4.2'	304.91'	14+17	+8' L		
<u>Other Information</u>							
<i>*Top of Pipe unless otherwise noted</i>							

Pothole Photo			Clear			Vicinity Photo			Clear		
											
Location			Asphalt Depth			Soil Type					
PH 204, 109, 303, 203			4"			GP					
Type		Utilities Size	Depth	Elev.*	Station	Survey Data Offset					
PVC, Power, NW-SE		4"	3.2'	309.55'	17+95	33' RT					
PVC, Power, NW-SE		4"	3.2'	309.55'	17+95	33' RT					
Comms, direct bury, NW-SE		2"	1.9'	310.94'	17+95	32' RT					
Steel, Gas, E-W		2"	2.6'	310.34'	17+95	33' RT					
Other Information											
*Top of Pipe unless otherwise noted											

Project Name

Pot Hole Information

PH 21

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 21		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water service, E-W	3/4"	2.5'	306.93'	14+57	+13.8' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 22

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 22		7"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.55'	307.70'	15+6.5	+14.6' L
Water Service, E-W	1"	2.1'	308.15'	15+6.5	+14.6' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 23

Pothole Photo

Clear



Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 23

8"

GP

Type	Utilities		Depth	Survey Data		
	Size			Elev.*	Station	Offset
AC, Water, N-S	6"		2.6'	307.76'	15+18	+14.8' L
Water Service, E-W	3/4"		2.3'	308.08'	15+17	+15.4' L
PVC, Communications, E-W	2"		2.2'	308.26'	15+17	+15' L

Other Information

Additional 2" communications line found crossing through pothole 23

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 24

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 24		7"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.7'	308.36'	15+60	+14.7' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 25

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 25			8"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
DI, Water, N-S	8"	4.3'	307.02'	15+60	+7.5' L		
Water service, E-W	1"	3.6'	307.65'	15+60	+7' L		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 26

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 26		8"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.7'	308.77'	15+81	+14.5'
Water service, E-W	3/4"	3.9'	307.41'	15+81	+14'
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 27 & 107

Pothole Photo		Clear	Vicinity Photo		Clear	
						
Location		Asphalt Depth		Soil Type		
PH 27 & 107		6"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset	
Steel, Gas Service, E-W	2"	3.55'	309.74'	16+89.5	+14.5' L	
AC, Water, N-S	6"	2.9'	310.54'	16+90	+15.3' L	
Water Service, E-W	2"	3.1'	No shot	16+91	+15.8' L	
Other Information						

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 28

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 28		5"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
DI, Water Hydrant Supply, E-W	6"	3'	310.52'	17+00	+15.8' L
Other Information					
Encountered large concrete stormwater pipe at depth of 1.3' at offset +14' L of Center line					
<i>*Top of Pipe unless otherwise noted</i>					

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 29		7"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3'	No Shot	17+39.5	+15.5' L
Other Information Had to stop pothole operations due to large rock above AC water line. We were able to locate AC Water line and measure depth; however, Survey team was unable to shoot elevations.					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 3

Perry Stone to Sheridan

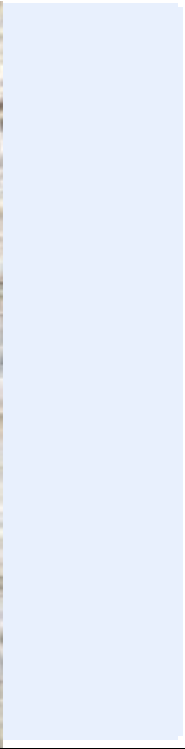
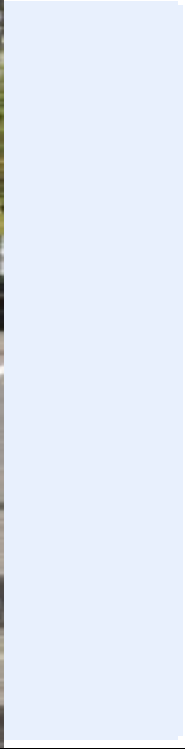
Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 3		6"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Water Service, N-S	3/4"-1"	1.4'	292.09'	4+8	+16' L
AC, Water, E-W	4"	2'	291.46'	4+8	+14.4' L
Other Information					
The water service line is 3/4" where it meets the AC main; then, it becomes a 1" water service line approximately 1.5' north of that elbow. The AC water line also deviated from the ground locates toward the centerline of Stone way. Additional chipping was required. <i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 30

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 30			8"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
DI, Water, N-S	8"	4.15'	310.02'	17+39.5	+8.9' L		
<u>Other Information</u>							
<i>*Top of Pipe unless otherwise noted</i>							

Project Name

Pot Hole Information

PH 302

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 302			3"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
PVC, Communications, N-S	4"	2.1'	300.72'	10+44.5	+18.3' R		
Poly, Communication, N-S	1"	2.4'	300.67'	10+44.5	+18.5' R		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 304 A

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 304 A		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Poly, Communications, E-W	1/2"	2.7'	306.27'	18+13	+79' R
Other Information					
Concrete storm pipe at depth of 1'. This was the first alternate pothole location for PH 304. The original offset was +39' R. Both alternate locations show the line at the same depth and following directly under the painted location lines.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 304 B

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location		Asphalt Depth		Soil Type			
PH 304 B		0"		GP			
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Poly, Communications, E-W	1/2"	2.7'	304.43'	18+12	+100' R		
Other Information							
This was the second alternate pothole location for PH 304. The original offset was +39' R. Both alternate locations show the line at the same depth and following directly under the painted location lines. <i>*Top of Pipe unless otherwise noted</i>							

Project Name

Pot Hole Information

PH 304

Perry Stone to Sheridan

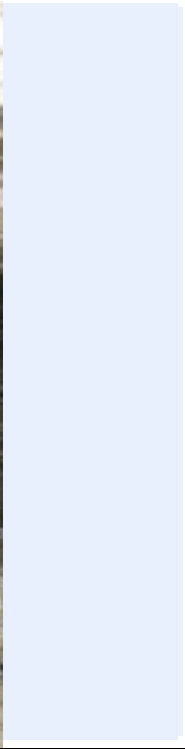
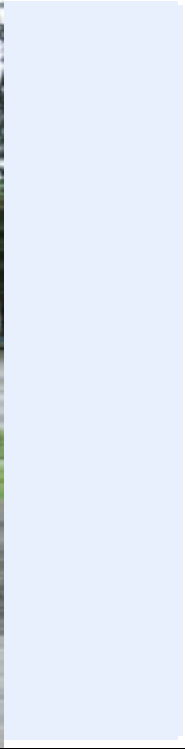
Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 304		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
No Locate	N/A	3'	N/A	18+18	+22' R
Other Information					
Could not perform operations without removing heavy vegetation at pothole location. This pothole was an attempt to locate the utility closer to the road. 2 alternate locations were chosen at offsets +79' R and +100' R and same station for possible interpolation of slope. <i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 309

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 309			0"		GP		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
Communications, N-S	2"	2.4"	No Shot	24+19	+18' R		
Communication, N-S	4"	2.6"	321.24'	24+19	+17.9' R		
Communication, N-S	4"	2.6"	321.24'	24+19	+18.1' R		
Other Information							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 31

Perry Stone to Sheridan

<u>Pothole Photo</u>			Clear	<u>Vicinity Photo</u>			Clear
							
Location			Asphalt Depth		Soil Type		
PH 31			6"		GP		
<u>Type</u>		<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>	
Water Service, E-W		3/4"	2.2	312.34'	17+73.7	+15.5' L	
AC, Water, N-S		6"	2.9	311.63'	17+74	+16.2' L	
<u>Other Information</u>							

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 310, 57 & 405

Perry stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear

LocationAsphalt DepthSoil Type

PH 310, 57 & 405

0"

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Steel, Gas, N-S	2"		3'	321.33'	25+13	+15.8' R
Steel, Water Service, E-W	2"		2.8'	321.45'	25+14.5	+17.4' R
Sewer Service, E-W	6"		Below 5.1'	No Shot	25+13	+17'4' R
Communication	N/A		No locate	N/A	N/A	N/A

Other Information

Sewer cleanout was broken off at 1.5' below top of pipe and lower portion was filled with sediment. Spoke with home's occupant on morning of 09/26/24; she said she was aware. See form for PH 310 A for additional details about possible location of Comms. lines.

**Top of Pipe unless otherwise noted*

Project Name

Perry Stone to Sheridan

Pot Hole Information

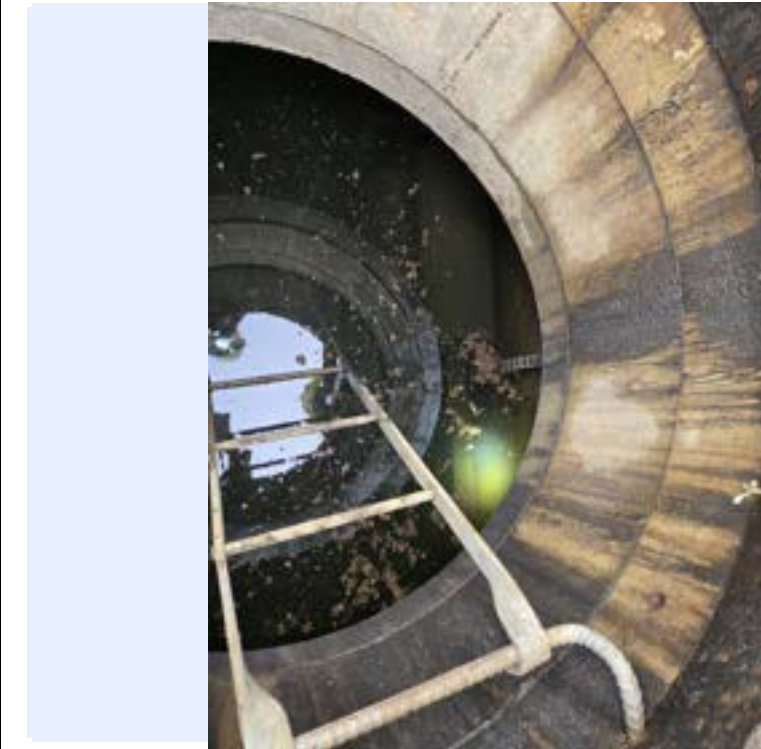
PH 310A

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 310A

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Possible Comms.			Appx. 6'	No Shot	25+26	+18'
Possible Comms.			Appx. 6'	No Shot	25+26	+22'

Other Information

Could not locate comms. line in PH 310; however, there were several communications lines in a flooded manhole 13' to the North. There were 2 lines secured to the Western wall of the manhole and 1 line on the Eastern wall. Look into possible drainage issues in

**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 311

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 311		0"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
PVC, Communications, N-S	4"	2'	322.91'	25+77	+17' R
PVC, Communications, N-S	4"	2'	322.88'	25+77	+16.5' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 32

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 32		6"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
DI, Water, E-W	4"	2.7'	309.97'	18+8	+37' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 33 & 110

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 33 & 110		6"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.9'	313.02'	18+50	+16' L
Steel, Gas Service, E-W	1"	1.65'	314.15'	18+50	+15' L
Other Information					
Encountered large concrete storm pipe at depth of 2 feet. Approximately 1.5' in diameter at offset of +14' L of center line					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 34

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 34		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3.2'	313.38'	18+99	+15.2' L
Water Service, E-W	3/4"	2.4'	314.23'	18+99	+15.8' L
Other Information					

**Top of Pipe unless otherwise noted*

Project Name

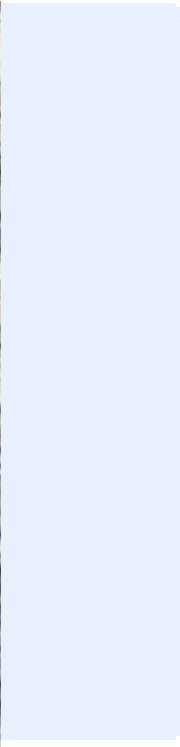
Perry Stone to Sheridan

Pot Hole Information

PH 35

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 35		0"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	1"	2.7'	313.69'	19+38	+17' R
Other Information					
PH 113 and 35 were originally called out to be done in the same hole. It was decided that using 2 holes would save time, space in the Vactor truck, and backfill material.					
<i>*Top of Pipe unless otherwise noted</i>					

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear	
						
Location PH 36			Asphalt Depth 6"		Soil Type GW	
Type AC, Water, N-S		Utilities Size 6"	Depth 3.1'	Elev.* 314.42'	Station 19+43	Survey Data Offset +15.3 L
Other Information						

Project Name

Pot Hole Information

PH 37

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 37		5"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S & E-W	6"	3'	314.85'	19+75	+15.4' L
Other Information					
Pipe Tee's under roadway at station location					
*Top of Pipe unless otherwise noted					

Project Name

Pot Hole Information

PH 38

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 38		6"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, E-W	4"	3.6'	313.59'	19+85	+14.7' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 39

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 39		12"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
No Locate		Hole depth 4.5'			
Other Information					
Unable to locate waterline at PH 39. On our plans the line appears to run under NE Fruitland St. but the locate marks laid out on the ground show the line possibly running down a driveway next to the road. The hole was extended 2' North and South under the asphalt. *Top of Pipe unless otherwise noted					

Project Name

Pot Hole Information

PH 4

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 4		4"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, E-W	4"	2.2'	284.33'	5+29	+14' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 40

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 40		7"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	1"	3'	316.45'	22+50	+14.7' L
<u>Other Information</u>					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 401

Perry Stone to Sheridan

<u>Pothole Photo</u>			<u>Vicinity Photo</u>		
					
Location			Asphalt Depth		
PH 401			0"		
			Soil Type		
			GW with 6" of grassy topsoil		
<u>Type</u>	<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>
Concrete Sewer, E-W	4"	4'	312.63'	18+93	+19.4 L
<u>Other Information</u>					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 402

Pothole Photo		Clear	Vicinity Photo		Clear
Location		Asphalt Depth		Soil Type	
PH 402		0		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
PVC, Sewer Service, E-W	6"	1.75'	320.02'	21+60	+16.3' L
Other Information					
Caution Potential shallow sewer service line. Recommend taking depth measurement inside cleanout to confirm					
*Top of Pipe unless otherwise noted					

Project Name

Pot Hole Information

PH 403

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 403		0"		N/A	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Sewer Service	6"	No Pothole or RTAC	315.39'	22+97	+33.5' R
Other Information					
Survey took elevation shot in sewer cleanout. Too deep and opaque to note sewer direction.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 404

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 404		0"		N/A	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Sewer Service	8"	No Pothole or RTAC	310.47'	23+76	+29' R
Other Information					
Survey took elevation shot in sewer cleanout. Too deep and opaque to note sewer direction.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH-406

Perry Ave - Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH-406		5"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
No Locate					
Other Information Visually inspected sewer cleanout next to pothole. Sewer pipe appears to be very shallow and running N-S, rather than E-W.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Pot Hole Information

PH 41 & 117

Perry Stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear

LocationAsphalt DepthSoil Type

PH 41 & 117

7"

GW

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
AC, Water, N-S	6"		3.1'	316.57'	20+60	+15.3 L
Steel, Gas Service, E-W	1"		2.1'	317.56'	20+62	+15.3 L
Water Service, E-W	3/4"		2.7'	316.83'	20+60	+15.8 L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 42

<u>Pothole Photo</u>			Clear	<u>Vicinity Photo</u>			Clear
							
<u>Location</u>			<u>Asphalt Depth</u>		<u>Soil Type</u>		
PH 42			4"		GP		
<u>Type</u>	<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>		
Steel, Gas, N-S	2"	2.6'	316.26'	20+82	+15.4' R		
Copper, Water Service, E-W	1/2"	3.1'	315.81'	20+81	+16.2' R		
Copper, Water Service, E-W	1/2"	3.1'	315.81'	20+80.8	+16.2' R		
<u>Other Information</u>							
*Top of Pipe unless otherwise noted							

Project Name

Pot Hole Information

PH 43

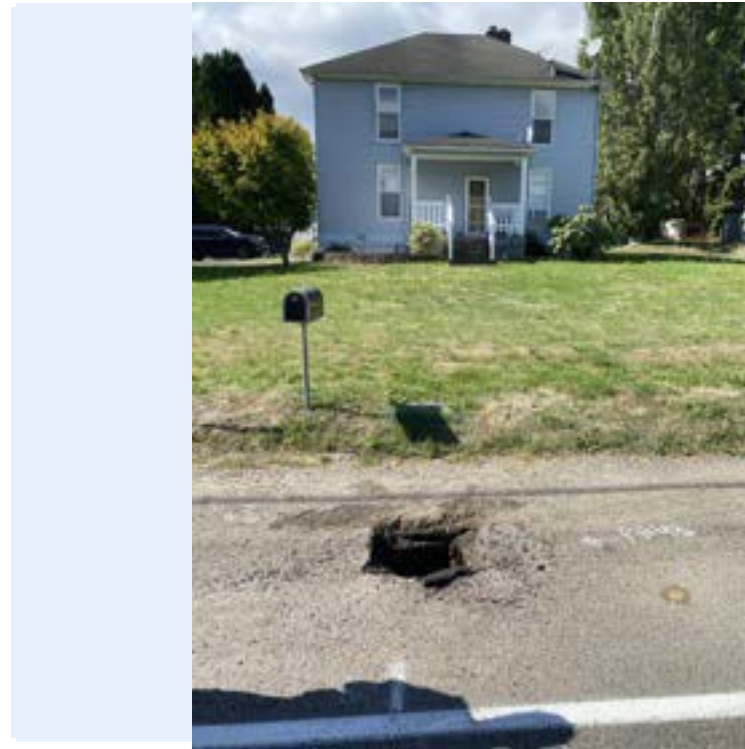
Perry Stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 43

7"

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
AC, Water, N-S	6"		3.0'	317.61'	21+24	+14.5' L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 44

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
Location		Asphalt Depth		Soil Type	
PH 44		9"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3.2'	318.48'	21+87	+16' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 44A

Prey Stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear

LocationAsphalt DepthSoil Type

PH 44A

0"

GP with 5" grass topsoil

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
Water Service, E-W	1"		3.6'	318.48'	21+86	+20' L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 45

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 45		11"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
No Locate					
Other Information					
Attempt to locate water line crossing under roadway. The pothole went down 4.5' and was widened by 2' in both the North and South directions without locating the utility. City of Bremerton was contacted to re-spray locates; Problem was resolved.					
*Top of Pipe unless otherwise noted					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 45 A

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 45 A		12"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Poly, Water Service, E-W	1"	3.4'	318.10'	22+35	+15' R
Other Information					
Pothole on the left in vicinity photo is 45 A. Pothole on the right is the original locate for PH 45. PH 45 was a no locate on the first attempt. Had to contact the City of Bremerton for a second locate.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 46

Pothole Photo		Clear	Vicinity Photo		Clear
Location		Asphalt Depth		Soil Type	
PH 46		7"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	3.4'	319.02'	22+37	+15' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 46A

Perry Stone to Sheridan

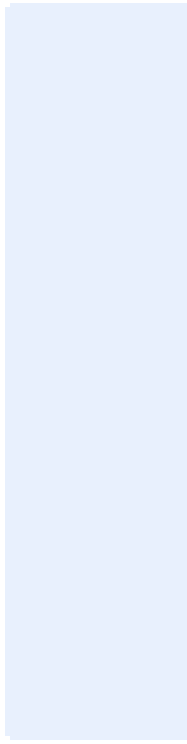
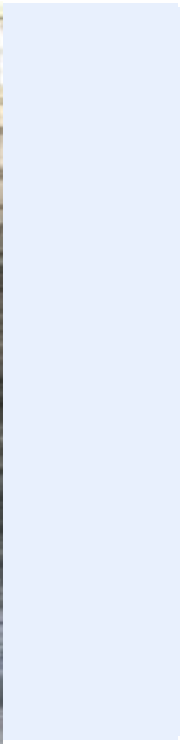
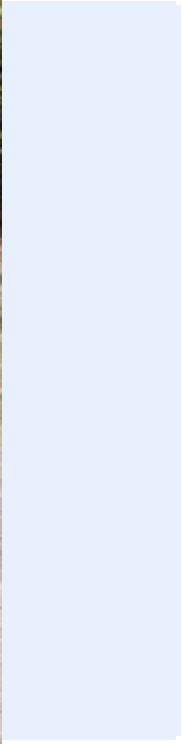
Pothole Photo		Clear	Vicinity Photo		Clear
Location PH 46A		Asphalt Depth 0"		Soil Type GP with 6" grassy topsoil	
<u>Type</u>	<u>Utilities</u> <u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Survey Data</u> <u>Offset</u>
Water Service, E-W	1"	1.7'	320.87'	22+37	+19' L
Other Information					
*Top of Pipe unless otherwise noted					

Project Name

Pot Hole Information

PH 47

Perry Stone to Sheridan

Pothole Photo			Clear	Vicinity Photo			Clear
							
Location			Asphalt Depth		Soil Type		
PH 47			6.5"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset		
AC, Water, N-S	6"	3.4'	319.13'	22+43	+16' L		
<u>Other Information</u>							

*Top of Pipe unless otherwise noted

Perry stone to Sheridan

Pot Hole Information

PH 48

Pothole Photo	Clear	Vicinity Photo	Clear			
						
Location	Asphalt Depth	Soil Type				
PH 48	7"	GW				
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset	
AC, Water, N-S	6"	3.1'	319.88'	22+76	15' L	
Other Information						

**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 49

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 49		7"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	1"	2.2'	No Shot	23+00	+16.3' R
PVC, Communications, N-S	4"	2.7'	320.14'	23+0.5	+16.8'R
Other Information					

**Top of Pipe unless otherwise noted*

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 5

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 5		5"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, E-W	4"	2.3'	279.36'	6+18	+13' L
Poly, Water Service, N-S	3/4"	2'	No Shot	6+18	+14' L
Other Information					
AC Water line began to deviate from locate marks toward centerline of Stone Way; Additional chipping was required to locate.					
<i>*Top of Pipe unless otherwise noted</i>					

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 50

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 50		0"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	1"	3.1'	319.89'	23+55.2	+14.9' R
Steel, Gas, N-S	2"	2.9'	320.06'	23+55.2	+15.4' R
Other Information					

**Top of Pipe unless otherwise noted*

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 51

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH 51

6"

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
AC, Water, N-S	6"		2.85'	321.11'	23+57	14' L

Other Information

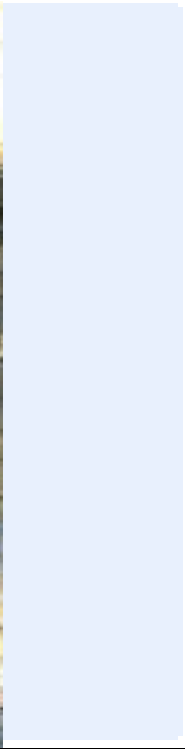
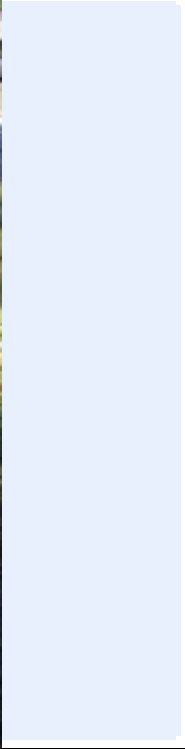
*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH 52

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 52		0"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Water Service, E-W	1"	2.8'	317.84'	23+55.2	+25' R
<u>Other Information</u>					

**Top of Pipe unless otherwise noted*

Project Name

Pot Hole Information

PH 53

Perry Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 53		8"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas, N-S	2"	3.7'	319.72'	23+95	+15.8' R
Water service, E-W	1"	3.5'	319.96'	23+95	+15.5' R
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH-54

Pothole Photo

Clear

Vicinity Photo

Clear



Location

Asphalt Depth

Soil Type

PH-54

7"

GP

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
AC, Water, N-S	6"		2.65'	322.16'	24+29	15' L
Poly, Water Service, E-W	1"		1.4'	323.39'	24+29	15' L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Pot Hole Information

PH-55 & PH-130

Perry Ave - Stone to Sheridan

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH-55 & PH-130		8"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.8'	322.46'	24+82	15' L
Steel, Gas Service, E-W	1"	1.8'	323.42'	24+82	15' L
Other Information					

*Top of Pipe unless otherwise noted

Project Name

Perry Ave - Stone to Sheridan

Pot Hole Information

PH 56 & 133

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH 56 & 133		9"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
Steel, Gas Service, E-W	1"	2.6'	322.66'	24+91	+15' L
AC, Water, N-S	6"	3'	322.29'	24+92	+15' L
Other Information					
*Top of Pipe unless otherwise noted					

Pothole Photo

Clear

**Vicinity Photo**

Clear

**Location****Asphalt Depth****Soil Type**

PH-58

8"

GW

<u>Type</u>	<u>Utilities</u>		<u>Depth</u>	<u>Survey Data</u>		
	<u>Size</u>			<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>
AC, Water, N-S	6"		3.1'	322.52'	25+19	16.5' L
Water Service, E-W	3/4"		3.3'	322.26'	25+19	16.5' L

Other Information

*Top of Pipe unless otherwise noted

Project Name

Perry Ave - Stone to Sheridan

Pot Hole Information

PH-59

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH-59		9"		GP	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
DI, Water, N-S	8"	4.4'	321.19'	25+82	10' L
Other Information					
*Top of Pipe unless otherwise noted					

Project Name

Pot Hole Information

PH 6

Perry Stone to Sheridan

Pothole Photo

Clear

Vicinity Photo

Clear

LocationAsphalt DepthSoil Type

PH 6

8"

GP

<u>Utilities</u>			<u>Survey Data</u>			
<u>Type</u>	<u>Size</u>	<u>Depth</u>	<u>Elev.*</u>	<u>Station</u>	<u>Offset</u>	
Poly, Water Service, E-W	3/4"	1.4'	272.50'	70+52	+13' L	
AC, Water, N-S	4"	1.6'	No Shot	70+52	+12' L	

Other Information

AC Water line deviated from locates toward centerline of Stone Way. Some additional chipping was required.

**Top of Pipe unless otherwise noted*

Project Name

Perry Ave - Stone to Sheridan

Pot Hole Information

PH-60

Pothole Photo		Clear	Vicinity Photo		Clear
					
Location		Asphalt Depth		Soil Type	
PH-60		10"		GW	
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset
AC, Water, N-S	6"	2.8'	322.64'	25+39	15.8' L
Other Information					

*Top of Pipe unless otherwise noted

Perry Ave - Stone to Sheridan

Pot Hole Information

PH-61

Pothole Photo		Clear		Vicinity Photo		Clear	
							
Location			Asphalt Depth		Soil Type		
PH-61			8"		GW		
Type		Utilities		Elev.*		Survey Data	
Type	Size	Depth		Station	Offset		
AC, Water, N-S	6"	2.9'		25+82	15.3' L		
Other Information							

**Top of Pipe unless otherwise noted*

Pothole Photo		Clear	Vicinity Photo		Clear	
						
Location		Asphalt Depth		Soil Type		
PH 7						
Type		Utilities	Size	Depth	Survey Data	
					Elev.*	Station
					Offset	
Other Information						
Could not pothole. Pothole location was on a newly built sidewalk at the bottom of a hill. Would not have been able to survey the utility without possibly undermining compaction beneath sidewalk panel.						
<i>*Top of Pipe unless otherwise noted</i>						

Project Name

Perry Stone to Sheridan

Pot Hole Information

PH 9

Pothole Photo		Clear	Vicinity Photo		Clear	
						
Location		Asphalt Depth		Soil Type		
PH 9		8"		GW		
Type	Utilities Size	Depth	Elev.*	Station	Survey Data Offset	
DI, Water, N-S	8"	3.9'	300.40'	10+76'	+6.8' L	
Other Information						

*Top of Pipe unless otherwise noted

Additional Comments

This section was added to the report due to the high volume of pothole forms to call attention to specific items that may be of interest to the design group.

- We were unable to locate the water line at pothole 39. The Stormwater crew dug down 4.5 feet and expanded the hole 2 feet in the North and South directions underground. The asphalt is extremely thick in this location. Recommend having locate marks double checked if potholing this location in the future.
- A large concrete storm pipe was encountered running North and South under the Western shoulder of Perry Avenue (Left of Centerline). It can be seen in several of our pothole photos. It runs in between the 6" AC water line and the 8" DI water line, but much closer to the 6" AC. It appears to be abandoned. We ran into it more often on the south end of Perry Ave and also found broken pieces of concrete that could have come from it in a few potholes on the north end of the road.
- PH 8 was either eliminated or overlooked.
- The communications lines in PH 310 were not found, but they may have been located in a manhole 13 feet north of the pothole location. The base of the hole was saturated with water, the Vactor crew eventually had to give up trying to suck the hole dry in an effort to save room in their truck for the rest of our operations that day. The sewer cleanout (PH 405) leading into that same pothole is broken off at the top and was filled with sediment. The sewer appears to run deeper than the depth of the pothole.
- The Manhole seen in the photos on form PH 310A is flooded; Potential drainage issues? Could this have something to do with the water in pothole PH 310, 57 & 405?
- PH 7 was eliminated as discussed.
- PH 402 is a potentially shallow sewer cleanout.
- PH 406 was a no locate. Sewer appears to run N-S

UNIFIED SOIL CLASSIFICATION SYSTEM

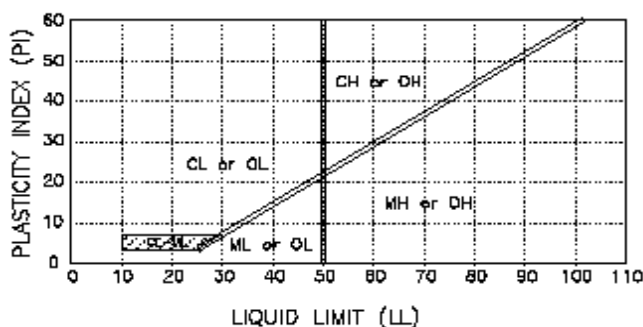
Soils are visually classified by the United Soil Classification System (USCS) on the boring logs presented in this report. Grain size analysis and Atterberg limits tests are often performed on selected samples to aid in classification. The classification system is briefly outlined on this chart. For a more detailed description of the system, see "The Unified Soil Classification System" Corps of Engineers, US Army Technical Memorandum No. 3-357 (Revised April 1960) or ASTM Designation: D2487-66T.

MAJOR DIVISIONS				GROUP SYMBOL	TYPICAL NAMES
COARSE - GRAINED SOILS (Less than 50% passes No. 200 sieve)	GRAVELS (50% or less of coarse fraction passes No. 4 sieve)	CLEAN GRAVELS (Less than 5% passes No. 200 sieve)		GW	Well graded gravels, gravel-sand mixtures, or sand-gravel-cobble mixtures.
				GP	Poorly graded gravels, gravel-sand mixtures, or sand-gravel-cobble mixtures.
		GRAVELS WITH FINES (More than 12% passes No. 200 sieve)	Limits plot below the "A" line & hatched zone on plasticity chart	GM	Silty gravels, gravel-sand-silt mixtures.
			Limits plot above the "A" line & hatched zone on plasticity chart	GC	Clayey gravels, gravel-sand-clay mixtures.
	SANDS (More than 50% of coarse fraction passes No. 4 sieve)	CLEAN SANDS (Less than 5% passes No. 200 sieve)		SW	Well graded sands, gravelly sands.
				SP	Poorly graded sands, gravelly sands.
		SANDS WITH FINES (More than 12% passes No. 200 sieve)	Limits plot below the "A" line & hatched zone on plasticity chart	SM	Silty sands, sand-silt mixtures.
			Limits plot above the "A" line & hatched zone on plasticity chart	SC	Clayey sands, sand-clay mixtures.
FINE - GRAINED SOILS (50% or more passes No. 200 sieve)	SILTS (Limits plot below the "A" line & hatched zone on Plasticity Chart)	SILTS OF LOW PLASTICITY (Liquid Limit Less Than 50)		ML	Inorganic silts, non-plastic or slightly plastic.
		SILTS OF HIGH PLASTICITY (Liquid Limit More Than 50)		MH	Inorganic silts, micaceous or diatomaceous silty soils, elastic silts.
	CLAYS (Limits plot above the "A" line & hatched zone on Plasticity Chart)	CLAYS OF LOW PLASTICITY (Liquid Limit Less Than 50)		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		CLAYS OF HIGH PLASTICITY (Liquid Limit More Than 50)		CH	Inorganic clays of high plasticity, fat clays, sandy clays of high plasticity.

NOTE:

Coarse grained soils with between 5% & 12% passing the No. 200 sieve and fine grained soils with Atterberg limits plotting in the hatched zone on the plasticity chart shall have dual symbol. In Arizona, local streams contain sand, gravel & cobble type material, which are locally known as SGC or riverrun material. The USCS is not used to divide and symbolize this material.

PLASTICITY CHART



DEFINITIONS OF SOIL FRACTIONS

SOIL COMPONENT	PARTICLE SIZE RANGE
Cobbles	Above 3 in.
Gravel	3 in. to No. 4 sieve
Coarse gravel	3 in. to 3/4 in.
Fine gravel	3/4 in. to No. 4 sieve
Sand	No. 4 to No. 200
Coarse	No. 4 to No. 10
Medium	No. 10 to No. 40
Fine	No. 40 to No. 200
Fines (silt & clay)	Below No. 200 sieve
Clay	Smaller than 2 microns
Colloid	Smaller than 5 microns