



## Addendum #1

### Contract Documents For Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety

City of Bremerton

Federal Aid No:

**HSIP-000S(525)**

**Bid Opening:**

~~June 15, 2021~~ **June 17, 2021**  
City Clerk's Office, City Hall  
345 Sixth Street, Suite 100  
Bremerton, WA 98337-1873

**Contact Person:**

Andrea Archer-Parsons, P.E.  
Public Works and Utilities Engineering Division  
345 Sixth Street, Suite 100  
Bremerton, WA 98337  
Tel: (360) 473-2317  
[Andrea.Archer-Parsons@ci.bremerton.wa.gov](mailto:Andrea.Archer-Parsons@ci.bremerton.wa.gov)

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## CERTIFICATE OF ENGINEER

The technical material and data contained in these Specifications for the Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety were prepared under the supervision and direction of the undersigned, whose seal, as a professional engineer licensed to practice as such, is affixed below.



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Prepared by: Aaron Knight, PE  
SCJ Alliance



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Pablo Para, PE  
PH Consulting  
Traffic Signal Plans &  
Special Provisions Sections 8-20 & 9-29

Andrea Archer-Parsons

Digitally signed by Andrea Archer-Parsons  
Date: 2021.06.09 15:47:09 -07'00'

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Recommended by: Andrea Archer-Parsons, P.E., Project Manager – City of Bremerton  
Public Works and Facilities Engineering Division

Ned Lever

Digitally signed by Ned Lever  
DN: C=US, E=ned.lever@ci.bremerton.wa.us, O=City of  
Bremerton, OU=Engineering, CN=Ned Lever  
Date: 2021.06.09 16:56:07-07'00'

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Approved by: Ned Lever, P.E., City Engineer – City of Bremerton Public Works and Utilities  
Engineering Division

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## **PART I - BIDDING REQUIREMENTS AND CONTRACT FORMS**

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**NOTICE INVITING BIDS  
FOR  
KITSAP WAY (SR 310) AND WARREN AVENUE (SR303) TRAFFIC SIGNAL AND  
MULTIMODAL SAFETY**

**RECEIPT OF BIDS:** Sealed Bids will be received at the office of the City Clerk of the City of Bremerton, located at 345 Sixth Street, Bremerton, Washington 98337 until 1:00 P.M. PST as shown on the wall clock inside the City Clerk's office on June 17, 2021, for the project **Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety**. Bids received after the specified time and date will not be considered.

**OPENING OF BIDS:** The bids will be publicly opened and read after 1:00 P.M. on June 17, 2021, in the office of the City Clerk at 345 Sixth Street, Bremerton, Washington 98337.

**COMPLETION OF WORK:** The WORK must be physically completed within one hundred (100) working days after the commencement date stated in the Notice to Proceed.

**DESCRIPTION OF WORK:** The WORK to be completed under this Contract consists of improvements of Kitsap Way (SR 310) and Warren/Wheaton Avenue (SR 303) pavement markings, ADA ramps demolition and reconstruction, removal and replacement of traffic signal heads, installation bicycle signal detection, installation of illuminated street signs on existing signal arms, and traffic control. All work shall be performed in accordance with the Contract Plans, these Contract Provisions, and the Standard Specifications.

**ENGINEER'S ESTIMATE:** The Engineer's estimate for the base bid is \$1.6 - \$2.1M.

**PREVIEWING CONTRACT DOCUMENTS:** Contract Documents may be previewed on the ARC (formerly known as Reprographics Northwest) website ([www.e-arc.com](http://www.e-arc.com)). Go to <http://www.e-arc.com/locations/219>, click on the 'Enter Public Planroom' link and scroll down to find the project.

**PURCHASING CONTRACT DOCUMENTS:** The Contract Documents may be ordered from ARC. Payment is typically cost of reproduction (non-refundable). Contact Bid Services at ARC in Tacoma, WA: 1(800) 337-8103; FAX (253) 272-4064; E-mail: [tacoma.cs@e-arc.com](mailto:tacoma.cs@e-arc.com).

**PROPOSALS:** All bid proposals must be made on the blank forms furnished in the Contract Documents. Sealed envelopes containing bids shall be entitled: Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety.

**BID SECURITY:** Each bid proposal shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. The failure to furnish a bid deposit of a minimum of 5 percent shall make the bid nonresponsive and shall cause the bid to be rejected by the Contracting Agency.

**PERFORMANCE BOND:** The successful bidder will also be required to provide a Performance Bond for 100 percent of the Contract Price. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the City of Bremerton.

**PROJECT COMMUNICATION:** All communications related to the project shall be directed to the City prior to opening of Bids:

Communication by Phone/Email:

Andrea Archer-Parsons, P.E.

Telephone: (360) 473-2317

Email: Andrea.Archer-Parsons@ci.bremerton.wa.gov

Communication by Mail:

Public Works and Utilities Engineering Division

345 Sixth Street, Suite 100

Bremerton, WA 98337

ATTN: Andrea Archer-Parsons, P.E.

**CITY'S RIGHTS RESERVED:** The City of Bremerton reserves the right to reject any and all bids on any or all schedules or additives or to waive any informalities in the bidding and shall determine which bid or bidders is the most satisfactory and responsible bidder and shall be the sole judge thereof.

No plea of mistake in the bid shall be available to the bidder for the recovery of his/her deposit or as a defense to any action based upon the neglect or refusal to execute a contract.

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

A Disadvantaged Business Enterprise (DBE) mandatory goal of 13% has been established for this project. The 13% mandatory goal applies to all work on the project.

Published:

Daily Journal of Commerce: 05/25/21 and 06/08/21

Kitsap Sun: 05/25/21 and 06/08/21

**END OF NOTICE INVITING BIDS**

## BIDDER'S CHECKLIST

Bidder must execute and return with submittal:

- ☐ LOCAL AGENCY PROPOSAL SIGNATURE PAGE (WSDOT FORM 272-036K)
- ☐ NON-COLLUSION DECLARATION (WSDOT FORM 272-036I)
- ☐ BID PROPOSAL AND SCHEDULE OF PRICES
- ☐ LOCAL AGENCY PROPOSAL BOND (WSDOT FORM 272-001A)
- ☐ STATEMENT OF BIDDER'S QUALIFICATIONS
- ☐ LOCAL AGENCY SUBCONTRACTOR LIST (WSDOT FORM 271-015A)
- ☐ DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION AND INSTRUCTIONS (WSDOT FORM 272-056)
- ☐ DISADVANTAGED BUSINESS ENTERPRISE (DBE) WRITTEN CONFIRMATION DOCUMENT (WSDOT FORM 422-031)
- ☐ DISADVANTAGED BUSINESS ENTERPRISE (DBE) BID ITEM BREAKDOWN FORM (WSDOT FORM 272-054)
- ☐ DISADVANTAGED BUSINESS ENTERPRISE (DBE) TRUCKING CREDIT FORM (WSDOT FORM 272-058)
- ☐ LOCAL AGENCY CERTIFICATION FOR FEDERAL AID CONTRACTS (WSDOT FORM 272-040A)

After the Contract is awarded, execute:

- ☐ LOCAL AGENCY CONTRACT (WSDOT FORM 272-006A)
- ☐ STATEMENT OF INTENT TO PAY PREVAILING WAGES
- ☐ INSURANCE QUESTIONNAIRE
- ☐ LOCAL AGENCY PERFORMANCE BOND (WSDOT FORM 272-002A)
- ☐ LOCAL AGENCY PAYMENT BOND (WSDOT FORM 272-003A)

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**SUBMIT THE ENCLOSED  
PROPOSAL BOND WITH YOUR  
PROPOSAL**

**USE OF OTHER FORMS  
MAY SUBJECT YOUR BID  
TO REJECTION**

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## Local Agency Proposal - Signature Page

The bidder is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

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

Cash ☐ In the Amount of \_\_\_\_\_  
Cashier's Check ☐ \_\_\_\_\_ Dollars  
Certified Check ☐ (\$ \_\_\_\_\_ ) Payable to the State Treasurer  
Proposal Bond ☐ In the Amount of 5% of the Bid

Receipt is hereby acknowledged of addendum(s) No.(s) \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_

Signature of Authorized Official(s)

\_\_\_\_\_

Firm Name

Address

State of Washington Contractor's License No. \_\_\_\_\_

Federal ID No. \_\_\_\_\_

### Note:

- (1) This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the \_\_\_\_\_ will be cause for considering the proposal irregular and subsequent rejection of the bid.
- (2) Please refer to section 1-02.6 of the standard specifications, re: "Preparation of Proposal," or "Article 4" of the Instruction to Bidders for building construction jobs.

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DOT Form 272-036K EF  
07/2011

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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**

**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.

SR

DOT Form 272-0361 EF  
07/2011

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## BID PROPOSAL

### **Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety BID TO: City of Bremerton (Washington) Public Works and Utilities Engineering Division**

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the CITY in the form included in the Contract Documents to perform the WORK as specified or indicated in said Contract Documents entitled Kitsap Way (SR 310) and Warren Avenue (SR303) Traffic Signal and Multimodal Safety.
2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice Inviting Bids and Instructions to Bidders, dealing with the disposition of the Bid security.
3. This Bid will remain open for the period stated in the "Notice Inviting Bids" unless otherwise required by law. Bidder will enter into an Agreement within the time and in the manner required in the "Notice Inviting Bids" and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents.
4. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number

Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Failure to acknowledge all addenda shall render the bid non-responsive and shall be cause for its rejection.

5. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where the WORK is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.

To all the foregoing, and including all Proposal Forms contained in this Bid, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Bid Price(s) named in the aforementioned Proposal Forms.

NOTE: Prices for all items, all extensions and total amount of bid must be shown in the Proposal Forms. Show prices in figures.

Dated: \_\_\_\_\_ Bidder: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

Title: \_\_\_\_\_

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**SCHEDULE OF PRICES**  
**KITSAP WAY (SR 310) AND WARREN AVENUE (SR303) TRAFFIC SIGNAL AND**  
**MULTIMODAL SAFETY**

Date: \_\_\_\_\_, 2021

Item No.	Ref to Spec	Description of Item	Estimated Quantity	Unit	Unit Price	Amount
1	1-09	MOBILIZATION	1	L.S.	\$	\$
2	1-07	TRAINING	400	HR	\$	\$
3	8-22	REMOVING PAINT LINE	6,710	L.F.	\$	\$
4	8-22	REMOVING PLASTIC LINE	15,000	L.F.	\$	\$
5	8-22	REMOVING PLASTIC TRAFFIC MARKING	99	EACH	\$	\$
6	8-22	REMOVING PLASTIC CROSSWALK LINE	660	S.F.	\$	\$
7	2-02	REMOVAL OF MISCELLANEOUS TRAFFIC ITEM	1	L.S.	\$	\$
8	2-03	ROADWAY EXCAVATION INCL. HAUL	800	C.Y.	\$	\$
9	4-04	CRUSHED SURFACING TOP COURSE	590	TON	\$	\$
10	5-04	COMMERCIAL HMA	365	TON	\$	\$
11	8-01	EROSION CONTROL AND WATER POLLUTION PREVENTION	1	L.S.	\$	\$
12	8-04	CEMENT CONC. TRAFFIC CURB AND GUTTER	235	L.F.	\$	\$
13	8-04	MOUNTABLE CEMENT CONC. TRAFFIC CURB	355	L.F.	\$	\$
14	8-04	CEMENT CONC. PEDESTRIAN CURB	327	L.F.	\$	\$
15	8-22	PAINT LINE	7,040	L.F.	\$	\$
16	8-22	PLASTIC LINE	7,580	L.F.	\$	\$
17	8-22	PLASTIC WIDE LANE LINE	18,500	L.F.	\$	\$
18	8-22	PLASTIC CROSSWALK LINE	890	S.F.	\$	\$
19	8-22	PLASTIC STOP LINE	357	L.F.	\$	\$
20	8-22	PLASTIC TRAFFIC ARROW	60	EACH	\$	\$

Item No.	Ref to Spec	Description of Item	Estimated Quantity	Unit	Unit Price	Amount
21	8-22	PLASTIC TRAFFIC LETTER	4	EACH	\$	\$
22	8-22	PLASTIC BICYCLE LANE SYMBOL	82	EACH	\$	\$
23	8-09	RAISED PAVEMENT MARKER TYPE 1	16	HUND	\$	\$
24	8-09	RAISED PAVEMENT MARKER TYPE 2	1	HUND	\$	\$
25	8-21	PERMANENT SIGNING	1	L.S.	\$	\$
26	1-10	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	\$	\$
27	8-22	PAINTED CROSSHATCH MARKING	2,310	L.F.	\$	\$
28	8-21	PERMANENT SIGNING: STREET NAME SIGNS	1	L.S.	\$	\$
29	8-22	PLASTIC SHARED LANE MARKING	29	EACH	\$	\$
30	8-22	GREEN BIKE LANE	13,500	S.F.	\$	\$
31	8-20	KITSAP WAY (SR 310) & SR 3 OFF- RAMP, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
32	8-20	KITSAP WAY (SR 310) & SR 3 ON - RAMP, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
33	8-20	KITSAP WAY (SR 310) & OYSTER BAY AVE S, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
34	8-20	KITSAP WAY (SR 310) & PEDESTRIAN SIGNAL BETWEEN FOREST AVE & PERSHING AVE, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
35	8-20	KITSAP WAY (SR 310) & ADELE AVE, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
36	8-20	KITSAP WAY (SR 310) & WYCOFF AVE N, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$

Item No.	Ref to Spec	Description of Item	Estimated Quantity	Unit	Unit Price	Amount
37	8-20	KITSAP WAY (SR 310) & 6TH ST & CALLOW AVE (SR 310), TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
38	8-20	WARREN AVE (SR 303) & BURWELL ST (SR 304), TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
39	8-20	WARREN AVE (SR 303) & 6TH ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
40	8-20	WARREN AVE (SR 303) & 11TH ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
41	8-20	WARREN AVE (SR 303) & 13TH ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
42	8-20	WARREN AVE (SR 303) & 16TH ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
43	8-20	WHEATON WAY (SR 303) & SHERIDAN RD, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
44	8-20	WHEATON WAY (SR 303) & SYLVAN WAY, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
45	8-20	WHEATON WAY (SR 303) & E BROAD ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
46	8-20	WHEATON WAY (SR 303) & HOLLIS ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
47	8-20	WHEATON WAY (SR 303) & RIDDELL RD, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
48	8-20	WHEATON WAY (SR 303) & FURNEYS LN, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
49	8-20	KITSAP WAY (SR 303) & SHOREWOOD, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$

Item No.	Ref to Spec	Description of Item	Estimated Quantity	Unit	Unit Price	Amount
50	8-20	KITSAP WAY (SR 303) & OSTRICH BAY AVE, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
51	8-20	KITSAP WAY (SR 303) & NATIONAL AVE, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
52	8-20	KITSAP WAY (SR 303) & 11TH ST, TRAFFIC SIGNAL SYSTEM COMPLETE	1	L.S.	\$	\$
53	1-05	ROADWAY SURVEYING	1	L.S.	\$	\$
54	8-14	CEMENT CONC. SIDEWALK	255	S.Y.	\$	\$
55	8-14	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	10	EACH	\$	\$
56	8-14	CEMENT CONC. CURB RAMP TYPE PARALLEL A	4	EACH	\$	\$
57	8-14	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR B	1	EACH	\$	\$
58	7-05	ADJUST MANHOLE	2	EACH	\$	\$
59	7-05	ADJUST CATCH BASIN	2	EACH	\$	\$
60	8-20	ADJUST JUNCTION BOX	2	EACH	\$	\$
61	1-04	MINOR CHANGE	1	CALC	\$50,000	\$50,000
62	1-05	RECORD DRAWINGS (MINIMUM BID \$5,000)	1	L.S.	\$	\$
63	1-05	ADA FEATURES SURVEYING	1	L.S.	\$	\$
<b>TOTAL: \$</b>						

Base Bid Note: Sales taxes shall be paid in accordance with Special Provision Section 1-07.2(1) State Sales Tax – Rule 171.

**ALTERNATE 1 – KITSAP WAY / 11<sup>TH</sup> STREET RAISED MEDIAN**

<b>Item No.</b>	<b>Ref to Spec</b>	<b>Description of Item</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Amount</b>
8	2-03	ROADWAY EXCAVATION INCL. HAUL	250	C.Y.	\$	\$
9	4-04	CRUSHED SURFACING TOP COURSE	410	TON	\$	\$
11	5-04	COMMERCIAL HMA	235	TON	\$	\$
13	8-04	CEMENT CONC. TRAFFIC CURB AND GUTTER	315	L.F.	\$	\$
14	8-04	CEMENT CONC. PEDESTRIAN CURB	40	L.F.	\$	\$
25	8-21	PERMANENT SIGNING	1	L.S.	\$	\$
26	1-10	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	\$	\$
53	1-05	ROADWAY SURVEYING	1	L.S.	\$	\$
54	8-14	CEMENT CONC. SIDEWALK	230	S.Y.	\$	\$
55	8-14	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	2	EACH	\$	\$
<b>TOTAL ALTERNATE 1: \$</b>						

Alternate 1 Note: Sales taxes shall be paid in accordance with Special Provision Section 1-07.2(1) State Sales Tax – Rule 171.

**ALTERNATE 2 – LIGHTED STREET SIGNS**

Item No.	Ref to Spec	Description of Item	Estimated Quantity	Unit	Unit Price	Amount
64	8-20	BID ALTERNATE A2, ILLUMINATION SYSTEM COMPLETE	1	LS	\$	\$
<b>TOTAL ALTERNATE 2 \$</b>						

Alternate 2 Note: Sales taxes shall be paid in accordance with Special Provision Section 1-07.2(1) State Sales Tax – Rule 171.

**BID SUMMARY**

**BASE BID - TOTAL: \$**

**ALTERNATE 1 – TOTAL: \$**

**ALTERNATE 2 - TOTAL: \$**

**TOTAL BASE BID + ALTERNATE 1 + ALTERNATE 2: \$**

**TOTAL BASE BID + ALTERNATE 1: \$**

**TOTAL BASE BID + ALTERNATE 2: \$**

**END OF PROPOSAL FORM**

## Local Agency Proposal Bond

KNOW ALL MEN BY THESE PRESENTS, That we,

of \_\_\_\_\_ as principal, and the

a corporation duly organized under the laws of the state of \_\_\_\_\_, and  
authorized to do business in the State of Washington, as surety, are held and firmly bound unto the State  
of Washington in the full and penal sum of five (5) percent of the total amount of the bid proposal of said  
principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind  
our heirs, executors, administrators and assigns, and successors and assigns, firmly by these presents.

The condition of this bond is such, that whereas the principal herein is herewith submitting his or  
its sealed proposal for the following highway construction, to wit:

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

NOW, THEREFORE, If the said proposal bid by said principal be accepted, and the contract be  
awarded to said principal, and if said principal shall duly make and enter into and execute said contract  
and shall furnish bond as required by the \_\_\_\_\_ within a period of twenty (20) days from and after said  
award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall  
remain and be in full force and effect.

IN TESTIMONY WHEREOF. The principal and surety have caused these presents to be signed  
and sealed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(Surety)

\_\_\_\_\_  
(Attorney-in-fact)

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DOT Form 272-001A EF  
07/2011

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## STATEMENT OF BIDDER'S QUALIFICATIONS

Name of Contractor: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone and Contact Person for this Bid: \_\_\_\_\_

Number of years the contractor has been engaged in the construction business under the present firm name indicated: \_\_\_\_\_

Gross dollar amount of work under contract: \$\_\_\_\_\_

Gross dollar amount of contracts not completed: \$\_\_\_\_\_

Type of work generally performed by Contractor: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

List of five projects of a similar size and nature that have been completed by the contractor within the last ten years including the project name, year of construction, contracting agency, contract phone number and the gross dollar amount of each project:

Project Name	Construction Year	Agency Name	Contract Name and Number	Dollar Amount

List of five major pieces of equipment which are anticipated to be used on this project by the contractor and note which items are owned by the contractor and which are to be leased or rented from others:


Bank References: \_\_\_\_\_

How many general superintendents or other responsible employees in a supervisory position do you have at this time and how long have they been with this contractor? \_\_\_\_\_

Have you changed bonding companies within the last three years? \_\_\_\_\_

If so, why? (optional) \_\_\_\_\_

Have you ever been sued by the client on any public works contract for a special district, municipality, county, or state government? \_\_\_\_\_

For what reason? \_\_\_\_\_

Disposition of case, if settled: \_\_\_\_\_

Washington State:

Department of Labor and Industries Workmen's Compensation Account No.: \_\_\_\_\_

Department of Licenses Contractor's Registration No.: \_\_\_\_\_

Employment Security Department Number: \_\_\_\_\_

Excise Tax Registration Number: \_\_\_\_\_

IRS Employer Number: \_\_\_\_\_

Percentage of work to be performed by General Contractor: \_\_\_\_\_

\_\_\_\_\_  
BIDDER

\_\_\_\_\_  
By (signed)

\_\_\_\_\_  
TITLE

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.

DOT Form 271-015A  
 Revised 06/2020

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

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

Box 2:

[illegible]

Disadvantaged Business Enterprise \_\_\_\_\_ Total DBE Commitment Dollar Amount \_\_\_\_\_  
Condition of Award Contract Goal Box 3 Box 4

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

GOT Form 272-058  
Revised 03/2018

## Instructions for Disadvantaged Business Enterprise Utilization Certification Form

Box 1: Name of Bidder (Proposal holder) submitting Bid.

Box 2: Name of the Project.

Column 1: Name of the Disadvantaged Business Enterprise (DBE). DBE firms can be found using the Diversity Management and Compliance System web page: <https://wsdot.diversitycompliance.com>. Repeat the name of the DBE for each Project Role that will be performed.

Column 2: The Project Role that the DBE will be performing as follows:

- Prime Contractor
- Subcontractor
- Subcontractor (Force Account)
  - Work sublet as Force Account must be listed separately.
- Manufacturer
- Regular Dealer
  - Work sublet to a Regular Dealer must be listed separately.
  - Regular Dealer status must be approved prior to Bid submittal by the Office of Equal Opportunity, Washington State Department of Transportation, on each Contract.
- Broker
  - Work sublet to a Broker must be listed separately.

List each project role to be performed by a single DBE individually on a separate row. The role is used to determine what portion of the amount to be subcontracted (Column 4) may be applied toward meeting the goal (column 5).

Column 3: Provide a description of work to be performed by the DBE. The work to be performed must be consistent with the Certified Business Description of the DBE provided at the Diversity Management and Compliance System web page <https://wsdot.diversitycompliance.com>

- A Bidder subletting a portion of a bid item shall state "Partial" and describe the Work that is included.
  - For example; "Electrical (Partial) – Trenching".
- "Mobilization" will not be accepted as a description of Work.

Column 4: List the total amount to be subcontracted to each DBE for each Project Role they are performing.

Column 5: This is the dollar amount for each line listed in the certification that the prime intends to apply towards meeting the COA Contract goal. It may be that only a portion of the amount subcontracted to a DBE in Column 4 is eligible to be credited toward meeting the goal **See Note 1, Note 2, Note 3**. The Contracting Agency will utilize the sum of this column (Box 4) to determine whether or not the bidder has met the goal. In the event of an arithmetic error in summing column 5 or an error in making appropriate reductions in the amounts in column four, **See Note 1, Note 2, Note 3**, then the mathematics will be corrected and the total (Box 4) will be revised accordingly.

**Note 1:** For Work sublet as Force Account the bidder **may only claim 50%** of the amount subcontracted (Column 4) towards meeting the goal (Column 5). This information will be used to demonstrate that the DBE contract goal is met at the time that the bidder submits their bid. For example; amount sublet as force account = \$100,000 (Column 4) equates to  $(\$100,000 \times 50\%) = \$50,000$  (Column 5) to be applied towards the goal.

**Note 2:** For Work sublet to a Regular Dealer the bidder **may only claim 60%** of the cost of the materials or supplies (Column 4) towards meeting the goal (Column 5). For example; Material cost = \$100,000 (Column 4) equates to  $(\$100,000 \times 60\%) = \$60,000$  (Column 5) to be applied towards the goal.

**Note 3:** For Work sublet to a Broker the bidder **may only claim the fees** paid to a Broker towards meeting the goal (Column 4). For example; amount sublet to a broker = \$100,000 (Column 4) equates to  $(\$100,000 \times \text{reasonable fee \%}) = \$$  (Column 5) to be applied towards the goal.

Box 3: Box 3 is the COA Contract goal which is the minimum required DBE participation. The goal stated in the Contract will be in terms of a dollar amount or a percentage in the Contract. When expressed as a percentage you must multiply the percentage times the sum total of all bid items as submitted in the Bidder's Proposal to determine the dollar goal and write it in Box 3. In the event of an error in this box, the Contracting Agency will revise the amount accordingly.

Box 4: Box 4 is the sum of the values in column 5. **This value must equal or exceed the COA Contract goal amount written in Box 3 or;**

Box 5: Check Box 5 if insufficient DBE Participation has been achieved and a good faith effort is required. Refer to the subsection titled, *Selection of Successful Bidder/Good Faith Efforts (GFE)* in the Contract.

**See the Disadvantaged Business Enterprise Participation specification in the Contract for more information.**

DOT Form 272-056  
Revised 10/2019



### Disadvantaged Business Enterprise Utilization Certification

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

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

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

[illegible]

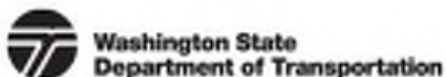
Disadvantaged Business Enterprise Condition of Award Contract Goal	356,968.16	Total DBE Commitment Dollar Amount	1,295,250
	Box 3		Box 4

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

DOT Form 272-066  
Revised 02/2010

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**Disadvantaged Business Enterprise (DBE)  
Written Confirmation Document**

See Contract Provisions: DBE Document Submittal Requirements  
Disadvantaged Business Enterprise Participation

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

---

**PART A: To be completed by the bidder**

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

Contract Title: \_\_\_\_\_

Bidder's Business Name: \_\_\_\_\_

DBE's Business Name: \_\_\_\_\_

Description of DBE's Work: \_\_\_\_\_

Dollar Amount to be Applied Towards DBE Goal: \_\_\_\_\_

Dollar Amount to be Subcontracted to DBE\*: \_\_\_\_\_  
\*Optional Field

---

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

As an authorized representative of the Disadvantaged Business Enterprise, I confirm that we have been contacted by the Bidder with regard to the referenced project for the purpose of performing the Work described above. If the Bidder is awarded the Contract, we will enter into an agreement with the Bidder to participate in the project consistent with the information provided in Part A of this form.

Name (printed): \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_ Date: \_\_\_\_\_

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Washington State  
Department of Transportation

## Disadvantaged Business Enterprise (DBE) Bid Item Breakdown Form

1. Contract Number	2. Contract Name
3. Prime Contractor	4. Prime Contractor Representative Name
5. Prime Contractor Representative Phone Number	6. Prime Contractor Representative Email

Column 1 Name of UDBE (See Instructions)	Column 2 Bid Item # (See Instructions)	Column 3 Full/Partial (See Instructions)	Column 4 Quantity (See Instructions)	Column 5 Description (See Instructions)	Column 6 Unit Price (See Instructions)	Column 7 Total Unit Cost (See Instructions)	Column 8 Dollar Amount to be Applied Towards Goal (See Instructions)
<b>Subtotal:</b>						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
<b>Subtotal:</b>						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
<b>Subtotal:</b>						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
<b>Subtotal:</b>						\$ 0.00	\$ 0.00
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
<b>Subtotal:</b>						\$ 0.00	\$ 0.00
<b>TOTAL UDBE Dollar Amount:</b>						\$ 0.00	\$ 0.00

DOT Form 272-054  
Revised 09/2020

### Instructions for Disadvantaged Business Enterprise (DBE) Bid Item Breakdown Form

Box 1: Provide the Contract Number as stated in the project information webpage.

Box 2: Provide the Name of the project as stated in the project information webpage.

Box 3: Provide the Name of the bidder (Proposal holder) submitting Bid.

Box 4: Provide the name of the prime contractor's representative available to contact regarding this form.

Box 5: Provide the phone number of the prime contractor's representative available to contact regarding this form.

Box 6: Provide the email of the prime contractor's representative available to contact regarding this form.

Column 1: Provide the Name of the Disadvantaged Business Enterprise (DBE) Firm. DBE Firms can be found using the search tools under the Firm Certification section of the Diversity Management and Compliance System (DMCS) webpage <https://wsdot.diversitycompliance.com>.

Column 2: Provide the Bid Item Number (as it appears in the engineer's estimate bid check report) available on the project information webpage.

Column 3: If the DBE is performing only part of the bid item, mark "Partial". If the DBE is performing the entire bid item, mark "Complete".

Column 4: Provide the estimated quantity for the specific bid item. For trucking firms, use hour or another unit of measure.

Column 5: Provide a description of the work to be performed by the DBE.

Column 6: Provide the price per unit and specify the type of unit used. For trucking firms, use hour or another unit of measure.

Column 7: Provide the estimated total unit cost amount per bid item.

Column 8: Provide the amount of the bid item being used to fulfill the DBE goal. The work to be performed must be consistent with the Certified Business Description of the DBE provided in the DMCS webpage <https://wsdot.diversitycompliance.com>. Mobilization up to 10% is acceptable. If mobilization is more than 10% additional information and/or justification may be requested. The total amount shown for each DBE shall match the amount shown on the DBE Utilization Certification Form.

**Use Additional Sheets if necessary.**



## Disadvantaged Business Enterprise (DBE) Trucking Credit Form

### PART A: TO BE COMPLETED BY THE BIDDER

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

Federal Aid #	Contract #	Project Name
If listing items by hours, or by lump sum amounts, please provide calculations to substantiate the quantities listed.		
Bid Item	Item Description	

Use additional sheets as necessary.

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

### PART B: TO BE COMPLETED BY THE DBE TRUCKING FIRM

**Note:** DBE trucking firm participation may only be credited as DBE participation for the value of the hauling services, not for the materials being hauled unless the trucking firm is also recognized as a supplier of the materials used on the project and approved for this project as a regular dealer.

1. Type of Material expected to be hauled? \_\_\_\_\_
2. Number of fully operational trucks expected to be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_
3. Number of trucks and trailers owned by the DBE that will be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_
4. Number of trucks and trailers leased by the DBE that will be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_

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

DOT Form 272-058  
Revised 09/2020

Submit this form to in accordance with section 1-02.9 of the Contract.

Instruction to Bidder: The Bidder shall complete and submit the Disadvantaged Business Enterprise (DBE) Trucking Credit Form in accordance with Section 1-02.9 of the Contract.

## **INSTRUCTIONS**

**Please note – All Fields are required**

### **PART A: TO BE COMPLETED BY THE BIDDER**

**Federal Aid:** Include the project federal-aid number.

**County:** Specify the County where the project will take place.

**Contract #:** Specify the Project Contract Number which can be found in the Engineer's estimate bid check report.

**Bid Item:** Provide the Bid Item Number (as it appears in the engineer's estimate bid check report) for which trucking services will be utilized.

**Item Description:** Provide description of the bid item (as it appears in the engineer's estimate bid check report) for which trucking will be utilized.

**Bidder:** In this section, provide the bidder's legal name, title, Business address, Phone and email.

**The bidder's representative signature is required in addition to the date the form was signed.**

### **PART B: TO BE COMPLETED BY THE DBE TRUCKING FIRM**

Question 1: Specify type of material that will be hauled (i.e. Sand, HMA, gravel)

Question 2: Specify the total number of operational trucks that will be used on the project.

Question 3: Specify the total number of operational trucks and trailers owned by the DBE that will be used on the project.

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

**DBE Firm:** In this section, provide the DBE Firm's legal name, DBE Firm's representative legal name and title, certification Number (Found in the firm's OMWBE Profile page in the OMWBE directory), Business address, Phone, fax and email.

**The DBE Firm's representative signature is required in addition to the date the form was signed.**

DOT Form 272-058  
Revised 09/2020

## 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.

SR

DOT Form 272-040A EF  
6/1/2011

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**CONTRACT DOCUMENTS  
and  
CONTRACT BOND FORMS**

**WILL BE PROVIDED  
TO THE  
SUCCESSFUL BIDDER ONLY**

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## Local Agency Contract

THIS AGREEMENT, made and entered into this                      day of                      ,                      ,  
between the                      , and the                      ,  
\_\_\_\_\_ under and by virtue of Title 47 RCW, as amended and

hereinafter called the Contractor.

WITNESSETH:

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

I.        The Contractor shall do all work and furnish all tools, materials, and equipment for:

in accordance with and as described in the attached plans and specifications, and the standard specifications of the                      which are by this reference incorporated herein and made part hereof and, shall perform any changes in the work in accord with the Contract Documents.

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

II.                             hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same in accord with the attached plans and specifications and the terms and conditions herein contained and hereby contracts to pay for the same according to the attached specifications and the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract.

SR

DOT Form 272-006A EF  
07/2011

III. The Contractor for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Contractor in the contract.

IV. It is further provided that no liability shall attach to the State by reason of entering into this contract, except as provided herein.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and has caused this instrument to be executed by and in the name of the day and year first above written.

Executed by the Contractor \_\_\_\_\_ , \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Contractor)

Local Agency:

Title: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_ , \_\_\_\_\_

SR

DOT Form 272-006A EF  
07/2011



## STATEMENT OF INTENT TO PAY PREVAILING WAGES

Public Works Contract  
 \$40.00 Filing Fee Required

- This form **must** be typed or printed in ink.
- Fill in all blanks or the form will be returned for correction (see instructions).
- Please allow a **minimum** of 10 working days for processing.
- Once approved, your form will be posted online at <https://fortress.wa.gov/lmi/pwiarms/SearchFor.asp>

Intent ID # (Assigned by L&I) \_\_\_\_\_

<b>Your Company Information</b>				<b>Awarding Agency Information</b>			
Your Company Name ABC Company, Inc.				Project Name Road Repair		Contract Number 2011-01B	
Your Address 1234 Main Street				Awarding Agency WA State Department of Transportation			
City Olympia		State WA	Zip+4 98501-1234	Awarding Agency Address PO Box 47354			
Your Contractor Registration Number ABCC10123AA		Your UBI Number 123456789		City Olympia		State WA	Zip+4 98501
Your Industrial Insurance Account Number 111,111-11				Awarding Agency Contact Name John Doe		Phone Number (555) 555-5555	
Your Email Address (required for notification of approval) prevailingwage@lni.wa.gov		Your Phone Number (555) 555-5555		County Where Work Will Be Performed Thurston		City Where Work Will Be Performed Olympia	
<b>Additional Details</b>				<b>Contract Details</b>			
Your Expected Job Start Date (mm/dd/yyyy) 01/01/2011				Bid Due Date (Prime Contractor's) 08/01/2010		Award Date (Prime Contractor's) 08/10/2010	
Job Site Address/Directions State Street @ Plum Street				Indicate Total Dollar Amount of Your Contract (including sales tax) or time and materials, if applicable. \$1,000.00			
<b>ARRA Funds</b>				<b>Weatherization or Energy Efficient Funds</b>			
Does this project utilize American Recovery and Reinvestment Act (ARRA) funds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Does this project utilize any weatherization or energy efficiency upgrade funds (ARRA or otherwise)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>Prime Contractor's Company Information</b>				<b>Hiring Contractor's Company Information</b>			
Prime Contractor's Company Name XYZ Company, Inc.		Prime Contractor's Intent Number 123456		Hiring Contractor's Company Name Super Pavers, Inc.			
Prime Contractor's Registration Number XYZIN*0123AA		Prime Contractor's UBI Number 987654321		Hiring Contractor's Contractor Registration Number SUPERPA123AA		Hiring Contractor's UBI Number 321456987	
<b>Employment Information</b>							
Do you intend to use <u>ANY</u> subcontractors?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Will employees perform work on this project?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Will <u>ALL</u> work be subcontracted?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Do you intend to use apprentice employees?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Number of Owner/Operators who own at least 30% of the company who will perform work on the project: <input type="checkbox"/> None (0) <input checked="" type="checkbox"/> One (1) <input type="checkbox"/> Two (2) <input type="checkbox"/> Three (3)							
Crafts/Trades/Occupations (Do not list apprentices. They are listed on the Affidavit of Wages Paid only.) If an employee works in more than one trade, ensure that all hours worked in each trade are reported below. For additional crafts/trades/occupations please use Addendum A.				Number of Workers		Rate of Hourly Pay	
Laborer - Asphalt Raker				2		39.28	
Power Equipment Operator - Asphalt Plant Operator				1		45.04	
Truck Driver - Asphalt Mix (over 16 Yds)				1		46.47	
<b>Signature Block</b>							
I hereby certify that I have read and understand the instructions to complete this form and that the information, including any addenda, are correct and that all workers I employ on this Public Works Project will be paid no less than the Prevailing Wage Rate(s) as determined by the Industrial Statistician of the Department of Labor and Industries.							
Print Name:		Print Title:		Signature:		Date:	
<b>For L&amp;I Use Only</b>							
Approved by signature of the Department of Labor and Industries Industrial Statistician							

NOTICE: If the prime contract is at a cost of over one million dollars (\$1,000,000.00), RCW 39.04.370 requires you to complete the EHB 2905 (RCW 39.04.370) Addendum and attach it to your Affidavit of Wages of Paid when your work on the project concludes. This is only a notice. The EHB 2905 Addendum is not submitted with this Intent.  
 SAMPLE - P700-020-000 Statement of Intent to Pay Prevailing Wages 03-2011

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## INSURANCE QUESTIONNAIRE

**NOTE: THIS QUESTIONNAIRE MUST BE COMPLETED AND ATTACHED TO THE CERTIFICATE OF INSURANCE**

For \_\_\_\_\_  
(Name of Insured)

Project Name \_\_\_\_\_

Project Owner \_\_\_\_\_

ARE THE FOLLOWING COVERAGES AND/OR CONDITIONS IN EFFECT?		
	YES	NO
The Policy form is ISO Commercial General Liability from CG 00 01 or CG 00 02 (circle one). If NO, attach a copy of the policy with required coverage clearly identified.		
Products and Completed Operation coverage.		
Cross Liability Clause (or equivalent wording).		
Personal Injury Liability (with employee exclusion deleted).		
Broad Form Property Damage with X, C, U Hazards included		
Blanket Contractual Liability coverage applying to this Contract		
Employers Liability – Stop Gap		

Deductibles or SIR's GL \_\_\_\_\_ AL \_\_\_\_\_ Excess \_\_\_\_\_

Insurer's Best Rating GL \_\_\_\_\_ AL \_\_\_\_\_ Excess \_\_\_\_\_

This Questionnaire is issued as a matter of information. This Questionnaire is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies indicated on the attached Certificate of Insurance.

\_\_\_\_\_  
Agency/Broker

\_\_\_\_\_  
Completed by (print or type)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Completed by (signature)

\_\_\_\_\_  
Name of Person to Contact

\_\_\_\_\_  
Telephone Number

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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**

**SURETY**

Principal Signature \_\_\_\_\_ Date \_\_\_\_\_

Surety Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

Printed Name \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

Local office/agent of Surety Company:

Name \_\_\_\_\_

Telephone \_\_\_\_\_

Address \_\_\_\_\_



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**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 ~~material persons~~, 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

SURETY

Principal Signature \_\_\_\_\_ Date \_\_\_\_\_

Surety Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

Printed Name \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

Local office/agent of Surety Company:

Name \_\_\_\_\_

Telephone \_\_\_\_\_

Address \_\_\_\_\_

DOT Form 272-001A EF  
12/2019



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## **PART II - FHWA SPECIAL PROVISIONS**

## WASHINGTON STATE PREVAILING WAGES

## **Prevailing Wage Rates for Washington State**

### **WASHINGTON STATE**

Washington State Prevailing Wage Rates are available for Look up at <https://fortress.wa.gov/lni/wagelookup/prvWagelookup.aspx>.

The prevailing wage rates, in a particular county, are determined by the bid due date for a public works project and these rates apply to that project until it is completed, unless the contract award date is six months or more after the bid due date. In this case the award date would determine the rates to be paid. The bid due date is the date that General Contractor bids for the project are due to the Awarding Agency. All sub-contractors use this same bid due date and award date.

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: 06/16/2021

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Kitsap	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$52.39	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Kitsap	<a href="#">Boilermakers</a>	Journey Level	\$70.79	<u>5N</u>	<u>1C</u>		<a href="#">View</a>
Kitsap	<a href="#">Brick Mason</a>	Journey Level	\$60.57	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Brick Mason</a>	Pointer-Caulker-Cleaner	\$60.57	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Building Service Employees</a>	Janitor	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Building Service Employees</a>	Shampooer	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Building Service Employees</a>	Waxer	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Building Service Employees</a>	Window Cleaner	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$23.72		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Acoustical Worker	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Carpenter	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Carpenters on Stationary Tools	\$65.07	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Creosoted Material	\$65.07	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Floor Finisher	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Floor Layer	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Carpenters</a>	Scaffold Erector	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Application of all Composition Mastic	\$64.84	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Application of all Epoxy Material	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Application of all Plastic Material	\$64.84	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Application of Sealing Compound	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Application of Underlayment	\$64.84	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Building General	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Composition or Kalman Floors	\$64.84	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Concrete Paving	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Curb & Gutter Machine	\$64.84	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Curb & Gutter, Sidewalks	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Curing Concrete	\$64.34	<u>7A</u>	<u>4U</u>		<a href="#">View</a>



Kitsap	<a href="#">Cement Masons</a>	Finish Colored Concrete	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Floor Grinding	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Floor Grinding/Polisher	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Green Concrete Saw, self-powered	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Grouting of all Plates	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Grouting of all Tilt-up Panels	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Guniting Nozzleman	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Hand Powered Grinder	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Journey Level	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Patching Concrete	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Pneumatic Power Tools	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Power Chipping & Brushing	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Sand Blasting Architectural Finish	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Screed & Rodding Machine	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Spackling or Skim Coat Concrete	\$64.34	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Troweling Machine Operator	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Troweling Machine Operator on Colored Slabs	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Cement Masons</a>	Tunnel Workers	\$64.84	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$118.80	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$81.98	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Diver	\$118.80	<a href="#">7A</a>	<a href="#">4C</a>	<a href="#">8V</a>	<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$76.98	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$69.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$69.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$74.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$69.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$65.19	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Assistant Engineer	\$70.62	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$70.07	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Boatmen	\$70.62	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Engineer Welder	\$71.97	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$73.41	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Mates	\$70.62	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Dredge Workers</a>	Oiler	\$70.07	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Kitsap	<a href="#">Drywall Applicator</a>	Journey Level	\$64.94	<a href="#">5D</a>	<a href="#">1H</a>		<a href="#">View</a>
Kitsap	<a href="#">Drywall Tapers</a>	Journey Level	\$65.31	<a href="#">5P</a>	<a href="#">1E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$31.99	<a href="#">5L</a>	<a href="#">1E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Cable Splicer	\$92.57	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Cable Splicer (tunnel)	\$99.46	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Certified Welder	\$89.44	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>

Kitsap	<a href="#">Electricians - Inside</a>	Certified Welder (tunnel)	\$96.02	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Construction Stock Person	\$44.78	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Journey Level	\$86.30	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Inside</a>	Journey Level (tunnel)	\$92.57	<a href="#">7C</a>	<a href="#">4E</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.37		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$14.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$82.39	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$75.64	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$49.17	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$75.64	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$75.64	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$64.54	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$49.17	<a href="#">5A</a>	<a href="#">4D</a>	<a href="#">8W</a>	<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$75.64	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$56.49	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Kitsap	<a href="#">Electronic Technicians</a>	Journey Level	\$53.57	<a href="#">7E</a>	<a href="#">1E</a>		<a href="#">View</a>
Kitsap	<a href="#">Elevator Constructors</a>	Mechanic	\$100.51	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$108.53	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level - In-Factory Work Only	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Fence Erectors</a>	Fence Erector	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Fence Erectors</a>	Fence Laborer	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Flaggers</a>	Journey Level	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Glaziers</a>	Journey Level	\$69.26	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
Kitsap	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journey Level	\$79.43	<a href="#">15H</a>	<a href="#">11C</a>		<a href="#">View</a>
Kitsap	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$89.61	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
Kitsap	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$29.89		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Kitsap	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$13.69		<a href="#">1</a>		<a href="#">View</a>

Kitsap	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$24.17		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Insulation Applicators</a>	Journey Level	\$64.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Ironworkers</a>	Journeyman	\$76.78	<u>7N</u>	<u>10</u>		<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Airtrac Drill Operator	\$54.01	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Ballast Regular Machine	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Batch Weighman	\$44.40	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Brick Pavers	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Brush Cutter	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Brush Hog Feeder	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Burner	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Caisson Worker	\$54.01	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Carpenter Tender	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Cement Dumper-paving	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Cement Finisher Tender	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Change House Or Dry Shack	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Choker Setter	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Chuck Tender	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Clary Power Spreader	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Clean-up Laborer	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Concrete Form Stripper	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Concrete Placement Crew	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Crusher Feeder	\$44.40	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Curing Laborer	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Ditch Digger	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Diver	\$54.01	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$53.35	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Dry Stack Walls	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Dump Person	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Epoxy Technician	\$52.39	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>

Kitsap	<a href="#">Laborers</a>	Erosion Control Worker	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Fine Graders	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Firewatch	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Form Setter	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Gabian Basket Builders	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	General Laborer	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Grinders	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Grout Machine Tender	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Guardrail Erector	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	High Scaler	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Jackhammer	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Laserbeam Operator	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Maintenance Person	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Material Yard Person	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Nozzleman (Concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Blaster, Vacuum Blaster)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pavement Breaker	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pilot Car	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pipe Layer Lead	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pipe Pot Tender	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pipe Reliner	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pipe Wrapper	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Pot Tender	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Powderman	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Powderman's Helper	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Power Jacks	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Raker - Asphalt	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Re-timberman	\$54.01	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Remote Equipment Operator	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Rigger/Signal Person	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Kitsap	<a href="#">Laborers</a>	Rip Rap Person	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Rivet Buster	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Rodder	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Scaffold Erector	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Scale Person	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Sloper (Over 20")	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Sloper Sprayer	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Spreader (Concrete)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Stake Hopper	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Stock Piler	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$44.40	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Topper	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Track Laborer	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Track Liner (Power)	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Traffic Control Laborer	\$47.48	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Traffic Control Supervisor	\$50.31	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Truck Spotter	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tugger Operator	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 0-30 psi	\$129.67	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$134.70	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$138.38	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$144.08	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$146.20	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$151.30	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$153.20	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$155.20	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$157.20	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$54.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Tunnel Work-Miner	\$54.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Vibrator	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Vinyl Seamer	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Watchman	\$40.36	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>



Kitsap	<a href="#">Laborers</a>	Welder	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Well Point Laborer	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers</a>	Window Washer/Cleaner	\$40.36	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$52.39	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$53.35	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Landscape Construction</a>	Landscape Construction/Landscaping Or Planting Laborers	\$40.36	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Kitsap	<a href="#">Landscape Construction</a>	Landscape Operator	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Lathers</a>	Journey Level	\$64.94	<a href="#">5D</a>	<a href="#">1H</a>		<a href="#">View</a>
Kitsap	<a href="#">Marble Setters</a>	Journey Level	\$60.57	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Kitsap	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$26.96		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$13.83		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$13.83		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Millwright</a>	Journey Level	\$66.44	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Cabinet Assembly	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Electrician	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Equipment Maintenance	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Plumber	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Production Worker	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Tool Maintenance	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Utility Person	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Modular Buildings</a>	Welder	\$13.69		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Painters</a>	Journey Level	\$45.40	<a href="#">6Z</a>	<a href="#">2B</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Crew Tender	\$69.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Crew Tender/Technician	\$69.91	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$80.76	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$85.76	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$89.76	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$94.76	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$97.26	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$102.26	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$104.26	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>

Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$106.26	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$108.26	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Pile Driver</a>	Journey Level	\$65.19	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Kitsap	<a href="#">Plasterers</a>	Journey Level	\$61.67	<u>7Q</u>	<u>1R</u>		<a href="#">View</a>
Kitsap	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$79.47	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operators	\$70.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Assistant Engineer	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: concrete	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Bobcat	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Brooms	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cableways	\$70.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Chipper	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Compressor	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - Laser Screed	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$69.33	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$70.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Conveyors	\$69.33	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes friction: 200 tons and over	\$72.63	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$71.20	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$69.87	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$71.93	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$72.63	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom	\$70.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>

		(including Jib With Attachments)					
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: A-frame - 10 Tons And Under	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Crusher	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Deck Engineer/Deck Winches (power)	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Elevator And Man-lift: Permanent And Shaft Type	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Forklift: 3000 Lbs And Over With Attachments	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Forklifts: Under 3000 Lbs. With Attachments	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Gradechecker/Stakeman	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Guardrail Punch	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Locator	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Operator	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks, 10 Tons And Under	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Loader, Overhead 8 Yards. & Over	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Kitsap	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Mechanics, All (leadmen - \$0.50 Per Hour Over Mechanic)	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Motor Patrol Graders	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Outside Hoists (Elevators And Manlifts), Air Tuggers, Strato	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 100 Tons And Over	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Power Plant	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Quad 9, Hd 41, D10 And Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Rigger and Bellman	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman (Certified)	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Rollagon	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Service Engineers - Equipment	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Shotcrete/Gunite Equipment	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe:	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

		Over 30 Metric Tons To 50 Metric Tons					
Kitsap	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Spreader, Topsider & Screedman	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Tower Crane Up To 175' In Height Base To Boom	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Tower Crane: over 175' through 250' in height, base to boom	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Tower Cranes: over 250' in height from base to boom	\$72.63	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/Driver Under 100 Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Welder	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Asphalt Plant Operators	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Engineer	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch Plant Operator, Concrete	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bobcat	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brooms	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bump Cutter	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cableways	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Chipper	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Compressor	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Underground Sewer &amp; Water</a>						
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Finish Machine - Laser Screed	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyors	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes friction: 200 tons and over	\$72.63	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$72.63	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: A-frame - 10 Tons And Under	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer/Deck Winches (power)	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks, On Building Work	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Machine	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator And Man-lift: Permanent And Shaft Type	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-</a>	Finishing Machine, Bidwell And	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Underground Sewer &amp; Water</a>	Gamaco & Similar Equipment					
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklift: 3000 Lbs And Over With Attachments	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklifts: Under 3000 Lbs. With Attachments	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gradechecker/Stakeman	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Guardrail Punch	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/Directional Drill Locator	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/Directional Drill Operator	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/Boom Trucks Over 10 Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/Boom Trucks, 10 Tons And Under	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead 8 Yards. & Over	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotives, All	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Material Transfer Device	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mechanics, All (leadmen - \$0.50 Per Hour Over Mechanic)	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Motor Patrol Graders	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Outside Hoists (Elevators And Manlifts), Air Tuggers, Strato	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 100 Tons And Over	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Pavement Breaker	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Pile Driver (other Than Crane Mount)	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Power Plant	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Pumps - Water	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Quad 9, Hd 41, D10 And Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rigger and Bellman	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman (Certified)	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rollagon	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roller, Plant Mix Or Multi-lift Materials	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Saws - Concrete	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scrapers, Self-propelled: 45 Yards And Over	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Service Engineers - Equipment	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shotcrete/Gunite Equipment	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Slipform Pavers	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Spreader, Topsider & Screedman	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Crane Up To 175' In Height Base To Boom	\$71.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Crane: over 175' through 250' in height, base to boom	\$71.93	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Cranes: over 250' in height from base to boom	\$72.63	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Trenching Machines	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck Crane Oiler/Driver Under 100 Tons	\$69.33	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Welder	\$70.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$66.30	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$69.87	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Kitsap	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$55.03	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$52.24	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$55.03	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$49.21	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$37.47	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Kitsap	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$79.46	<a href="#">5A</a>	<a href="#">1G</a>		<a href="#">View</a>
Kitsap	<a href="#">Residential Brick Mason</a>	Journey Level	\$22.01		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Residential Carpenters</a>	Journey Level	\$26.25		<a href="#">1</a>		<a href="#">View</a>
Kitsap	<a href="#">Residential Cement Masons</a>	Journey Level	\$39.88		<a href="#">1</a>		<a href="#">View</a>

Kitsap	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$48.17	<u>7A</u>	<u>4C</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$25.84		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Electricians</a>	Journey Level	\$44.11		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Glaziers</a>	Journey Level	\$47.80	<u>7L</u>	<u>1H</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$18.03		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Laborers</a>	Journey Level	\$14.71		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Marble Setters</a>	Journey Level	\$22.01		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Painters</a>	Journey Level	\$20.85		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$35.92		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$40.21		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$32.91		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$22.03		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$31.53		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Stone Masons</a>	Journey Level	\$60.57	<u>7E</u>	<u>1N</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$14.86		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$39.09		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Residential Tile Setters</a>	Journey Level	\$35.40		<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Roofers</a>	Journey Level	\$57.30	<u>5A</u>	<u>3H</u>	<a href="#">View</a>
Kitsap	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$60.30	<u>5A</u>	<u>3H</u>	<a href="#">View</a>
Kitsap	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$89.61	<u>7F</u>	<u>1E</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Boilermaker	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Carpenter	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Crane Operator	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Electrician	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Heat & Frost Insulator	\$79.43	<u>15H</u>	<u>11C</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Laborer	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Machinist	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Operating Engineer	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Painter	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Pipefitter	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Rigger	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Sheet Metal	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Shipfitter	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Warehouse/Teamster	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Welder / Burner	\$38.54	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Boilermaker	\$47.35	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Carpenter	\$47.35	<u>7X</u>	<u>4J</u>	<a href="#">View</a>

Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Crane Operator	\$45.06	<u>7Y</u>	<u>4K</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Electrician	\$47.42	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Heat & Frost Insulator	\$79.43	<u>15H</u>	<u>11C</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Laborer	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Machinist	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Operating Engineer	\$45.06	<u>7Y</u>	<u>4K</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Painter	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Pipefitter	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Rigger	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Sheet Metal	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Shipwright	\$47.35	<u>7X</u>	<u>4J</u>		<a href="#">View</a>
Kitsap	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Warehouse / Teamster	\$45.06	<u>7Y</u>	<u>4K</u>		<a href="#">View</a>
Kitsap	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$51.56	<u>0</u>	<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$33.20	<u>0</u>	<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Soft Floor Layers</a>	Journey Level	\$51.91	<u>5A</u>	<u>3J</u>		<a href="#">View</a>
Kitsap	<a href="#">Solar Controls For Windows</a>	Journey Level	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$85.89	<u>5C</u>	<u>1X</u>		<a href="#">View</a>
Kitsap	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Stone Masons</a>	Journey Level	\$60.57	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$16.00		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Surveyors</a>	Assistant Construction Site Surveyor	\$69.33	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Surveyors</a>	Chainman	\$66.30	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Surveyors</a>	Construction Site Surveyor	\$70.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Kitsap	<a href="#">Telecommunication Technicians</a>	Journey Level	\$53.57	<u>7E</u>	<u>1E</u>		<a href="#">View</a>
Kitsap	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$37.40	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Kitsap	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$25.04	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Kitsap	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$31.22	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Kitsap	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$35.34	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Kitsap	<a href="#">Terrazzo Workers</a>	Journey Level	\$55.71	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Tile Setters</a>	Journey Level	\$55.71	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$46.54	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Kitsap	<a href="#">Traffic Control Stripers</a>	Journey Level	\$49.13	<u>7A</u>	<u>1K</u>		<a href="#">View</a>
Kitsap	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$63.80	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Kitsap	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$62.96	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Kitsap	<a href="#">Truck Drivers</a>	Dump Truck	\$62.96	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Kitsap	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$63.80	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Kitsap	<a href="#">Truck Drivers</a>	Other Trucks	\$63.80	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>



Kitsap	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$63.80	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Kitsap	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$13.69		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$14.08		<u>1</u>		<a href="#">View</a>
Kitsap	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$14.40		<u>1</u>		<a href="#">View</a>

**FEDERAL WAGE DETERMINATION FOR HIGHWAY CONSTRUCTION (02/26/2021)**

"General Decision Number: WA20210001 02/26/2021

Superseded General Decision Number: WA20200001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/01/2021
1	01/22/2021
2	02/12/2021
<b>3</b>	<b>02/26/2021</b>

CARP0003-006 06/01/2018

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA, and WAHAKIUM Counties.

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 37.64	16.83
DIVERS TENDERS.....	\$ 43.73	16.83
DIVERS.....	\$ 87.73	16.83
DRYWALL.....	\$ 37.64	16.83
MILLWRIGHTS.....	\$ 38.17	16.83
PILEDRIERS.....	\$ 38.71	16.83

DEPTH PAY:

50 TO 100 FEET \$1.00 PER FOOT OVER 50 FEET  
 101 TO 150 FEET \$1.50 PER FOOT OVER 101 FEET  
 151 TO 200 FEET \$2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):

Zone 2 - \$0.85  
 Zone 3 - 1.25  
 Zone 4 - 1.70  
 Zone 5 - 2.00  
 Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from Longview Local #1707 and mileage shall be computed from that point.)

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities  
 ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities  
 ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities  
 ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.  
 ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities  
 ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

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CARP0030-004 06/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM Counties

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTERS.....	\$ 46.92	18.02
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 47.02	18.02
CARPENTERS.....	\$ 46.92	18.02
DIVERS TENDER.....	\$ 51.89	18.02
DIVERS.....	\$ 100.78	18.02
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 48.42	18.02
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 47.17	18.02

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS)

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$ .70/hour
Over 45 radius miles	\$1.50/hour

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 CARP0059-002 06/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (East of 120th meridian),  
 COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT (East of  
 120th meridian), KITTITAS (East of 120th meridian), LINCOLN,  
 OKANOGAN (East of 120th meridian), PEND OREILLE, SPOKANE,  
 STEVENS, WALLA WALLA, WHITMAN, and YAKIMA (East of 120th  
 meridian) Counties

	Rates	Fringes
CARPENTER		
GROUP 1.....	\$ 35.47	16.88
GROUP 2.....	\$ 47.42	18.96
GROUP 3.....	\$ 36.66	16.88
GROUP 4.....	\$ 36.66	16.88
GROUP 5.....	\$ 83.96	16.88
GROUP 6.....	\$ 40.23	16.88
GROUP 7.....	\$ 41.23	16.88
GROUP 8.....	\$ 37.66	16.88
GROUP 9.....	\$ 44.23	16.88

#### CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter

GROUP 2: Millwright, Machine Erector

GROUP 3: Piledriver - includes driving, pulling, cutting,  
 placing collars, setting, welding, or creosote treated  
 material, on all piling

GROUP 4: Bridge, Dock, and Wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Diver Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

#### ZONE PAY:

ZONE 1	0-45 MILES	FREE
ZONE 2	45-100	\$4.00/PER HOUR
ZONE 3	OVER 100 MILES	\$6.00/PER HOUR

**DISPATCH POINTS:**

CARPENTERS/MILLWRIGHTS: PASCO (515 N Neel Street) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/PILEDRIIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (306 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

**DEPTH PAY FOR DIVERS BELOW WATER SURFACE:**

50-100 feet \$2.00 per foot  
101-150 feet \$3.00 per foot  
151-220 feet \$4.00 per foot  
221 feet and deeper \$5.00 per foot

**PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:**

0-25 feet Free  
26-300 feet \$1.00 per Foot

**SATURATION DIVING:**

The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. the diver rate shall be paid for all saturation hours.

**WORK IN COMBINATION OF CLASSIFICATIONS:**

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

**HAZMAT PROJECTS:**

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + \$.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C + \$.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + \$.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".

LEVEL A +\$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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CARP0770-003 06/01/2020

WEST OF 120TH MERIDIAN FOR THE FOLLOWING COUNTIES:  
CHELAN, DOUGLAS, GRANT, KITTITAS, OKANOGAN, and YAKIMA

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 47.02	18.02
CARPENTERS.....	\$ 46.92	18.02
DIVERS TENDER.....	\$ 51.89	18.02
DIVERS.....	\$ 100.78	18.02
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 48.42	18.02
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 47.17	18.02

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL  
CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS

Hourly Zone Pay shall be paid on jobs located outside of the  
free zone computed from the city center of the following  
listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour



(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$ .70/hour
Over 45 radius miles	\$1.50/hour

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\* ELEC0046-001 02/21/2021

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 66.90	3%+23.66
ELECTRICIAN.....	\$ 60.82	3%+23.66

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\* ELEC0048-003 01/01/2021

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 50.35	25.48

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.

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ELEC0048-029 01/01/2021

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 50.35	25.48

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 ELEC0073-001 07/01/2020

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN  
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 37.65	19.68

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ELEC0076-002 08/31/2020

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON  
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 53.15	23.81
ELECTRICIAN.....	\$ 48.32	23.67

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ELEC0112-005 06/01/2020

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA  
 WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 50.45	22.27
ELECTRICIAN.....	\$ 48.05	22.12

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ELEC0191-003 06/01/2020

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 47.95	26.16

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ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.82	17.63
ELECTRICIAN.....	\$ 42.45	21.34

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ENGI0302-003 06/01/2020

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1A.....	\$ 48.41	22.47
Group 1AA.....	\$ 49.13	22.47
Group 1AAA.....	\$ 49.83	22.47
Group 1.....	\$ 47.70	22.47
Group 2.....	\$ 47.08	22.47
Group 3.....	\$ 46.55	22.47
Group 4.....	\$ 43.54	22.47

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom  
(including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom  
(including jib with attachments); Tower crane over 175 ft  
in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom  
(including jib with attachments); Crane-overhead, bridge  
type, 100 tons and over; Tower crane up to 175 ft in height  
base to boom; Loaders-overhead, 8 yards and over; Shovels,  
excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barber Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish machine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

## HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.

H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.

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 ENGI0370-002 07/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN),  
 COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY,  
 FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH  
 MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN  
 AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

## ZONE 1:

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 28.46	17.25
GROUP 2.....	\$ 28.78	17.25
GROUP 3.....	\$ 29.39	17.25
GROUP 4.....	\$ 29.55	17.25
GROUP 5.....	\$ 29.71	17.25
GROUP 6.....	\$ 29.99	17.25
GROUP 7.....	\$ 30.26	17.25
GROUP 8.....	\$ 31.36	17.25

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington;  
 Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco,  
 Washington; Lewiston, Idaho

## POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumora, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers)(Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)  
 180 ft to 250 ft \$ .50 over scale  
 Over 250 ft \$ .80 over scale

NOTE:

In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:

Anyone working on HAZMAT jobs, working with supplied air shall receive \$1.00 an hour above classification.

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 ENGI0612-001 06/01/2020

PIERCE County

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 49.50	22.47
GROUP 1AA.....	\$ 50.22	22.47
GROUP 1AAA.....	\$ 50.94	22.47
GROUP 1.....	\$ 48.77	22.47
GROUP 2.....	\$ 48.15	22.47
GROUP 3.....	\$ 47.60	22.47
GROUP 4.....	\$ 44.55	22.47



Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom  
(including jib with attachments)

GROUP 1AA - Cranes- 200 tons to 300 tons, or 250 ft of boom  
(including jib with attachments; Tower crane over 175 ft in  
height, base to boom)

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom  
(including jib with attachments); Crane-overhead, bridge  
type, 100 tons and over; Tower crane up to 175 ft in height  
base to boom; Loaders-overhead, 8 yards and over; Shovels,  
excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft  
of boom (including jib with attachments); Crane-overhead,  
bridge type, 45 tons thru 99 tons; Derricks on building  
work; Excavator, shovel, backhoes over 3 yards and under 6  
yards; Hard tail end dump articulating off-road equipment  
45 yards and over; Loader- overhead, 6 yards to, but not  
including, 8 yards; Mucking machine, mole, tunnel, drill  
and/or shield; Quad 9 HD 41, D-10; Remote control operator  
on rubber tired earth moving equipment; Rollagon; Scrapers-  
self-propelled 45 yards and over; Slipform pavers;  
Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-  
concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with  
attachments; Crane-Overhead, bridge type, 20 tons through  
44 tons; Chipper; Concrete pump-truck mount with boom  
attachment; Crusher; Deck engineer/deck winches (power);  
Drilling machine; Excavator, shovel, backhoe-3 yards and  
under; Finishing machine, Bidwell, Gamaco and similar  
equipment; Guardrail punch; Loaders, overhead under 6  
yards; Loaders-plant feed; Locomotives-all; Mechanics- all;  
Mixers, asphalt plant; Motor patrol graders, finishing;  
Piledriver (other than crane mount); Roto-mill, roto-  
grinder; Screedman, spreader, topside operator-Blaw Knox,  
Cedar Rapids, Jaeger, Caterpillar, Barber Green;  
Scraper-self- propelled, hard tail end dump, articulating  
off-road equipment- under 45 yards; Subgrader trimmer;  
Tractors, backhoe over 75 hp; Transfer material service  
machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane  
oiler/driver-100 tons and over; Truck Mount Portable  
Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$ .50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

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ENGI0612-012 06/01/2020

LEWIS, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 48.41	22.47
GROUP 1AA.....	\$ 49.13	22.47
GROUP 1AAA.....	\$ 49.83	22.47
GROUP 1.....	\$ 47.70	22.47
GROUP 2.....	\$ 47.08	22.47
GROUP 3.....	\$ 46.55	22.47
GROUP 4.....	\$ 43.54	22.47

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom  
(including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom  
(including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom  
(including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$ .50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

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ENGI0701-002 01/01/2018

CLARK, COWLITZ, KLIKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHIAKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 41.65	14.35
GROUP 1A.....	\$ 43.73	14.35
GROUP 1B.....	\$ 45.82	14.35
GROUP 2.....	\$ 39.74	14.35
GROUP 3.....	\$ 38.59	14.35
GROUP 4.....	\$ 37.51	14.35
GROUP 5.....	\$ 36.27	14.35
GROUP 6.....	\$ 33.05	14.35

Zone Differential (add to Zone 1 rates):

Zone 2 - \$3.00

Zone 3 - \$6.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

##### Group 1

Concrete Batch Plant and or Wet mix three (3) units or more; Crane, Floating one hundred and fifty (150) ton but less than two hundred and fifty (250) ton; Crane, two hundred (200) ton through two hundred ninety nine (299) ton with two hundred foot (200') boom or less (including jib, inserts and/or attachments); Crane, ninety (90) ton through one hundred ninety nine (199) ton with over two hundred (200') boom Including jib, inserts and/or attachments); Crane, Tower Crane with one hundred seventy five foot (175') tower or less and with less than two hundred foot (200') jib; Crane, Whirley ninety (90) ton and over; Helicopter when used in erecting work

##### Group 1A

Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

## Group 1B

Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

## Group 2

Asphalt Plant (any type); Asphalt Roto-Mill, pavement profiler eight foot (8') lateral cut and over; Auto Grader or "Trimmer"; Blade, Robotic; Bulldozer, Robotic Equipment (any type); Bulldozer, over one hundred twenty thousand (120,000) lbs. and above; Concrete Batch Plant and/or Wet Mix one (1) and two (2) drum; Concrete Diamond Head Profiler; Canal Trimmer; Concrete, Automatic Slip Form Paver (Assistant to the Operator required); Crane, Boom Truck fifty (50) ton and with over one hundred fifty foot (150') boom and over; Crane, Floating (derrick barge) thirty (30) ton but less than one hundred fifty (150) ton; Crane, Cableway twenty-five (25) ton and over; Crane, Floating Clamshell three (3) cu. Yds. And over; Crane, ninety (90) ton through one hundred ninety nine (199) ton up to and including two hundred foot (200') of boom (including jib inserts and/or attachments); Crane, fifty (50) ton through eighty nine (89) ton with over one hundred fifty foot (150') boom (including jib inserts and/or attachments); Crane, Whirley under ninety (90) ton; Crusher Plant; Excavator over one hundred thirty thousand (130,000) lbs.; Loader one hundred twenty thousand (120,000) lbs. and above; Remote Controlled Earth Moving Equipment; Shovel, Dragline, Clamshell, five (5) cu. Yds. And over; Underwater Equipment remote or otherwise, when used in construction work; Wheel Excavator any size

## Group 3

Bulldozer, over seventy thousand (70,000) lbs. up to and including one hundred twenty thousand (120,000) lbs.; Crane, Boom Truck fifty (50) ton and over with less than one hundred fifty foot (150') boom; Crane, fifty (50) ton through eighty nine (89) ton with one hundred fifty foot (150') boom or less (including jib inserts and/or attachments); Crane, Shovel, Dragline or Clamshell three (3) cu. yds. but less than five (5) cu. Yds.; Excavator over eighty thousand (80,000) lbs. through one hundred thirty thousand (130,000) lbs.; Loader sixty thousand (60,000) lbs. and less than one hundred twenty thousand (120,000) lbs.

## Group 4

Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading; Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine; Ultra High Pressure Water Jet Cutting Tool System Operator; Vacuum Blasting Machine Operator; Water pulls, Water wagons



## Group 5

Asphalt, Extrusion Machine; Asphalt, Roller (any asphalt mix); Asphalt, Roto-Mill pavement profiler ground man; Bulldozer, twenty thousand (20,000) lbs. or less, or one hundred (100) horse or less; Cement Pump; Chip Spreading Machine; Churn Drill and Earth Boring Machine; Compactor, self-propelled without blade; Compressor, (any power) one thousand two hundred fifty (1,250) cu. ft. and over, total capacity; Concrete, Batch Plant Quality control; Concrete, Combination Mixer and compressor operator, gunite work; Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete, Finishing Machine; Concrete, Grouting Machine; Concrete, Internal Full Slab Vibrator Operator; Concrete, Joint Machine; Concrete, Mixer single drum, any capacity; Concrete, Paving Machine eight foot (8') or less; Concrete, Planer; Concrete, Pump; Concrete, Pump Truck; Concrete, Pumpcrete Operator (any type); Concrete, Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Conveyored Material Hauler; Crane, Boom Truck under twenty (20) tons; Crane, Boom Type lifting device, five (5) ton capacity or less; Drill, Directional type less than twenty thousand (20,000) lbs. pullback; Fork Lift, over ten (10) ton or Robotic; Helicopter Hoist; Hoist Operator, single drum; Hydraulic Backhoe track type up to and including twenty thousand (20,000) lbs.; Hydraulic Backhoe wheel type (any make); Laser Screed; Loaders, rubber-tired type, less than twenty five thousand (25,000) lbs.; Pavement Grinder and/or Grooving Machine (riding type); Pipe, cast in place Pipe Laying Machine; Pulva-Mixer or similar types; Pump Operator, more than five (5) pumps (any size); Rail, Ballast Compactor, Regulator, or Tamper machines; Service Oiler (Greaser); Sweeper Self-Propelled; Tractor, Rubber-Tired, fifty (50) HP flywheel and under; Trenching Machine Operator, maximum digging capacity three foot (3') depth; Tunnel, Locomotive, Dinkey; Tunnel, Power Jumbo setting slip forms, etc.

## Group 6

Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steer (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feeder; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

IRON0014-005 07/01/2020

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN,  
GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE,  
STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.59	30.10

IRON0029-002 07/01/2020

CLARK, COWLITZ, KLINKITAT, PACIFIC, SKAMANIA, AND WAHKAUKUM  
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 39.10	29.75

IRON0086-002 07/01/2020

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.59	30.10

IRON0086-004 07/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 43.95	31.00

LABO0238-004 06/01/2020

PASCO AREA: ADAMS, BENTON, COLUMBIA, DOUGLAS (East of 120th Meridian), FERRY, FRANKLIN, GRANT, OKANOGAN, WALLA WALLA

SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS & WHITMAN COUNTIES

	Rates	Fringes
LABORER (PASCO)		
GROUP 1.....	\$ 26.69	13.65
GROUP 2.....	\$ 28.79	13.65
GROUP 3.....	\$ 29.06	13.65
GROUP 4.....	\$ 29.33	13.65
GROUP 5.....	\$ 29.61	13.65
LABORER (SPOKANE)		
GROUP 1.....	\$ 26.69	13.65
GROUP 2.....	\$ 28.79	13.65
GROUP 3.....	\$ 29.06	13.65
GROUP 4.....	\$ 29.33	13.65
GROUP 5.....	\$ 29.61	13.65

Zone Differential (Add to Zone 1 rate): \$2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.

Zone 2: 45 radius miles and over from the main post office.

#### LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder; Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include

all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Asphalt Raker; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Guniting (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on riases and shafts)

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LABO0238-006 06/01/2019

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON,  
CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT,  
LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA,  
WHITMAN

	Rates	Fringes
Hod Carrier.....	\$ 27.95	12.90

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LABO0242-003 06/01/2020

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.35
GROUP 2A.....	\$ 31.82	12.35
GROUP 3.....	\$ 39.81	12.35
GROUP 4.....	\$ 40.77	12.35
GROUP 5.....	\$ 41.43	12.35
Group 6.....	\$ 41.43	12.35

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall

ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

## LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2A: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

Group 6: Miner

LABO0252-010 06/01/2020

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC  
(EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.44
GROUP 2.....	\$ 31.82	12.44
GROUP 3.....	\$ 39.81	12.44
GROUP 4.....	\$ 40.77	12.44
GROUP 5.....	\$ 41.43	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall

ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

#### LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Grade Checker and Transit Person; High Scaler; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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LABO0292-008 06/01/2020

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.44
GROUP 2.....	\$ 31.82	12.44
GROUP 3.....	\$ 39.81	12.44
GROUP 4.....	\$ 40.77	12.44
GROUP 5.....	\$ 41.43	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall

ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

#### LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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LABO0335-001 06/01/2020

CLARK, COWLITZ, KLUCKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 34.93	12.44
GROUP 2.....	\$ 35.65	12.44
GROUP 3.....	\$ 36.20	12.44
GROUP 4.....	\$ 36.66	12.44
GROUP 5.....	\$ 31.93	12.44
GROUP 6.....	\$ 29.01	12.44
GROUP 7.....	\$ 25.14	12.44

Zone Differential (Add to Zone 1 rates):

Zone 2 \$ 0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 2.75

BASE POINTS: LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

#### LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; 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 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunit Nozzleman; High Scalers, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Powdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

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LAB00335-019 06/01/2020

	Rates	Fringes
Hod Carrier.....	\$ 34.93	12.44

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LABO0348-003 06/01/2020

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA  
COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 23.68	12.44
GROUP 2.....	\$ 27.17	12.44
GROUP 3.....	\$ 29.74	12.44
GROUP 4.....	\$ 30.46	12.44
GROUP 5.....	\$ 30.99	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall

ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

#### LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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PAIN0005-002 07/01/2020

STATEWIDE EXCEPT CLARK, COWLITZ, KLINKITAT, PACIFIC (SOUTH),  
SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 31.90	17.23

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PAIN0005-004 03/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND  
WHATCOM COUNTIES

	Rates	Fringes
PAINTER.....	\$ 20.82	7.44

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\* PAIN0005-006 07/01/2018

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE);  
CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS,  
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA,  
WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
PAINTER		
Application of Cold Tar		
Products, Epoxies, Polyure		
thanes, Acids, Radiation		
Resistant Material, Water		
and Sandblasting.....	\$ 30.19	11.71
Over 30'/Swing Stage Work..	\$ 22.20	7.98
Brush, Roller, Striping,		
Steam-cleaning and Spray....	\$ 22.94	11.61
Lead Abatement, Asbestos		
Abatement.....	\$ 21.50	7.98

\*\$.70 shall be paid over and above the basic wage rates  
listed for work on swing stages and high work of over 30  
feet.

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PAIN0055-003 07/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM  
COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 26.56	13.40
Spray and Sandblasting.....	\$ 26.56	13.40

All high work over 60 ft. = base rate + \$0.75

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PAIN0055-006 03/01/2020

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....	\$ 35.87	13.40

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PLAS0072-004 06/01/2020

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,  
FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND  
OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA  
COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1.....	\$ 31.30	15.53

Zone Differential (Add to Zone 1 rate): Zone 2 - \$2.00

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee

Zone 1: 0 - 45 radius miles from the main post office

Zone 2: Over 45 radius miles from the main post office

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PLAS0528-001 06/01/2020

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING,  
KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT,  
SNOHOMISH, THURSTON, WAHAKIUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON.....\$ 45.80		18.54
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....\$ 46.30		18.54
TROWELING MACHINE OPERATOR ON COMPOSITION.....\$ 46.30		18.54

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PLAS0555-002 07/01/2019

CLARK, KICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..\$ 37.32		18.77
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....\$ 36.58		18.77
CEMENT MASONS.....\$ 35.85		18.77
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...\$ 36.58		18.77

Zone Differential (Add To Zone 1 Rates):

Zone 2 - \$0.65  
Zone 3 - 1.15  
Zone 4 - 1.70  
Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND,  
SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall  
ZONE 2: More than 30 miles but less than 40 miles from the  
respective city hall.  
ZONE 3: More than 40 miles but less than 50 miles from the  
respective city hall.  
ZONE 4: More than 50 miles but less than 80 miles from the  
respective city hall.  
ZONE 5: More than 80 miles from the respective city hall

TEAM0037-002 06/01/2020

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 WAHAKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 29.33	16.40
GROUP 2.....	\$ 29.46	16.40
GROUP 3.....	\$ 29.60	16.40
GROUP 4.....	\$ 29.89	16.40
GROUP 5.....	\$ 30.03	16.40
GROUP 6.....	\$ 30.31	16.40
GROUP 7.....	\$ 30.53	16.40

Zone Differential (Add to Zone 1 Rates):

Zone 2 - \$0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

#### TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trucks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom dumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

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\* TEAM0174-001 06/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:.....	\$ 42.88	20.92
GROUP 2:.....	\$ 42.04	20.92
GROUP 3:.....	\$ 39.23	20.92
GROUP 4:.....	\$ 34.26	20.92
GROUP 5:.....	\$ 42.43	20.92

ZONE B (25-45 miles from center of listed cities\*): Add \$.70 per hour to Zone A rates.

ZONE C (over 45 miles from centr of listed cities\*): Add \$1.00 per hour to Zone A rates.

\*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

#### TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by \$2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

#### HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."

LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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TEAM0690-004 01/01/2019

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,  
FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND  
OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA  
COUNTIES

	Rates	Fringes
Truck drivers: (AREA 1: SPOKANE ZONE CENTER: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pen Oreille, Spokane, Stevens, and Whitman Counties		
AREA 1: LEWISTON ZONE CENTER: Asotin, Columbia, and Garfield Counties		
AREA 2: PASCO ZONE CENTER: Benton, Franklin, Walla Walla and Yakima Counties)		
AREA 1:		
GROUP 1.....	\$ 23.91	17.40
GROUP 2.....	\$ 26.18	17.40
GROUP 3.....	\$ 26.68	17.40
GROUP 4.....	\$ 27.01	17.40
GROUP 5.....	\$ 27.12	17.40
GROUP 6.....	\$ 27.29	17.40
GROUP 7.....	\$ 27.82	17.40
GROUP 8.....	\$ 28.18	17.40
AREA 2:		
GROUP 1.....	\$ 26.05	17.40
GROUP 2.....	\$ 28.69	17.40
GROUP 3.....	\$ 28.80	17.40
GROUP 4.....	\$ 29.13	17.40
GROUP 5.....	\$ 29.24	17.40
GROUP 6.....	\$ 29.24	17.40
GROUP 7.....	\$ 29.78	17.40
GROUP 8.....	\$ 30.10	17.40

Zone Differential (Add to Zone 1 rate: Zone 1 + \$2.00)

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.

Zone 2: Outside 45 radius miles from the main post office

## TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self-loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - \$.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - \$1.00 PER HOUR (Uses supplied air in conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:

Trucks Pulling Equipment Trailers: shall receive \$.15/hour over applicable truck rate

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the

classifications was union data. EXAMPLE: UAVG-OH-0010  
08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

**BENEFIT CODE KEY**

## Benefit Code Key – Effective 3/3/2021 thru 8/31/2021

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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.
  - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

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

**Overtime Codes Continued**

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
- F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
- M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.
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.

**Overtime Codes Continued**

4. 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.
- H. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.



**Overtime Codes Continued**

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

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

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

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

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

**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.

- Y. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. All work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay.

Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift.

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

- Z. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. Work performed on Sundays may be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

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.

- A. The first ten (10) hours worked on Saturday and all hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, and 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.

Benefit Code Key – Effective 3/3/2021 thru 8/31/2021

**Holiday Codes**

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

**Holiday Codes Continued**

- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

**Holiday Codes Continued**

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

**Holiday Codes Continued**

7. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

**Holiday Codes Continued**

7. W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
15. F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (8). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- 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.

**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.

**Note Codes Continued**

8. T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.



**Note Codes Continued**

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

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

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

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

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

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

(A) – 130' to 199' – \$0.50 per hour over their classification rate.

(B) – 200' to 299' – \$0.80 per hour over their classification rate.

(C) – 300' and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

**Note Codes Continued**

- 9. D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

## **SUPPLEMENTAL TO STATE WAGES**

**Washington State Department of Labor and Industries**  
**Policy Statement**  
**(Regarding the Production of "Standard" or "Non-standard" Items)**

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

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

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

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

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

ITEM DESCRIPTION	YES	NO
1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		<b>X</b>
2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		<b>X</b>
3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		<b>X</b>
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		<b>X</b>
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		<b>X</b>
6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		<b>X</b>
7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		<b>X</b>

ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		<b>X</b>
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).	<b>X</b>	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	<b>X</b>	
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.	<b>X</b>	
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).		<b>X</b>
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..	<b>X</b>	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		<b>X</b>
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		<b>X</b>
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		<b>X</b>

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		<b>X</b>
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		<b>X</b>
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		<b>X</b>
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		<b>X</b>
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		<b>X</b>
22. Vault Risers - For use with Valve Vaults and Utilities  X Vaults.		<b>X</b>
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		<b>X</b>
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.		<b>X</b>
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.	<b>X</b>	
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	<b>X</b>	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	<b>X</b>	
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	<b>X</b>	
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	<b>X</b>	
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	<b>X</b>	
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.	<b>X</b>	
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	<b>X</b>	
33. Monument Case and Cover See Std. Plan.		<b>X</b>



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.	<b>X</b>	
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.	<b>X</b>	
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.	<b>X</b>	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		<b>X</b>
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	<b>X</b>	
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.	<b>X</b>	
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	<b>X</b>	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		<b>X</b>

ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. <b>NOTE:</b> *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	<b>X</b>	<b>X</b>
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		<b>X</b>
44. Guardrail components	<b>X</b>	<b>X</b>
	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		<b>X</b>
48. Electrical wiring/components		<b>X</b>
49. treated or untreated timber pile		<b>X</b>
50. Girder pads (elastomeric bearing)	<b>X</b>	
51. Standard Dimension lumber		<b>X</b>
52. Irrigation components		<b>X</b>

ITEM DESCRIPTION	YES	NO
53. Fencing materials		<b>X</b>
54. Guide Posts		<b>X</b>
55. Traffic Buttons		<b>X</b>
56. Epoxy		<b>X</b>
57. Cribbing		<b>X</b>
58. Water distribution materials		<b>X</b>
59. Steel "H" piles		<b>X</b>
60. Steel pipe for concrete pile casings		<b>X</b>
61. Steel pile tips, standard		<b>X</b>
62. Steel pile tips, custom	<b>X</b>	

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.]

## **FEDERAL AID PROVISIONS FHWA-1273**

## **REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS**

FHWA-1273 -- Revised May 1, 2012

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- 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. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

### **ATTACHMENTS**

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

### **I. GENERAL**

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with



the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

## **II. NONDISCRIMINATION**

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this

contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

**2. EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

## **6. Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

**8. Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

**9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

**10. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

**11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

### **III. NONSEGREGATED FACILITIES**

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

### **IV. DAVIS-BACON AND RELATED ACT PROVISIONS**

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

#### **1. Minimum wages**

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and

mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

## **2. Withholding**

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

## **3. Payrolls and basic records**

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.



b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee ( e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may,

after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **4. Apprentices and trainees**

##### **a. Apprentices (programs of the USDOL).**

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

##### **b. Trainees (programs of the USDOL).**

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and

individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**5. Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

**7. Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

**8. Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

**9. Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

**10. Certification of eligibility.**

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

**1. Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual

was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

## **VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

## **VII. SAFETY: ACCIDENT PREVENTION**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

## **VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

## **IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

## **X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

### **1. Instructions for Certification – First Tier Participants:**

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or



general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\* \* \* \* \*

## **2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:**

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## **2. Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or

voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

\* \* \* \* \*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--  
Lower Tier Participants:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\* \* \* \* \*

## **XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

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

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

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

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

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

## **ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

## **AMENDMENT**

### **REQUIRED CONTRACT PROVISIONS**

(Exclusive of Appalachian Contracts)

### **FEDERAL-AID CONSTRUCTION CONTRACTS**

**The Federal–Aid provisions are supplemented with the following:**

#### XII. Cargo Preference Act

1. U.S. Department of Transportation Federal Highway Administration memorandum dated December 11, 2015 requires that all federal-aid highway programs awarded after February 15, 2016 must comply with the Cargo Preference Act and its regulation of 46 CFR 381.7 (a)-(b).

## **PART III - SPECIAL PROVISIONS**

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## INTRODUCTION TO THE SPECIAL PROVISIONS

*(December 10, 2020 APWA GSP)*

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2021 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

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

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

*(March 8, 2013 APWA GSP)*

*(April 1, 2013 WSDOT GSP)*

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any
- *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT/APWA, current edition
- *Sign Fabrication Manual*, WSDOT, current edition
- *Engineering Design & Construction Standards, City of Bremerton (COB)*, current edition

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 \*\*\* traffic signals, pedestrian signals, curb ramp reconstruction, channelization, and signing on Kitsap Way, Warren Avenue, and Wheaton Way \*\*\* 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 4, 2016 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, Amendments, 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**

*(January 24, 2011 APWA GSP)*

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

**1-02.2 Plans and Specifications**

*(June 27, 2011 APWA GSP)*

*Delete this Section and replace it with the following:*

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

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

<b>To Prime Contractor</b>	<b>No. of Sets</b>	<b>Basis of Distribution</b>
Reduced plans (11" x 17")	3	Furnished automatically upon award.
Contract Provisions	1	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	1	Furnished only upon request.

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

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

### **1-02.4(1) General**

*(August 15, 2016 APWA GSP Option B)*

*The first sentence of the last paragraph is revised to read:*

Any prospective Bidder desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing by close of business three (3) 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**

*(July 31, 2017 APWA GSP)*

*Delete this Section and replace it with the following:*

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

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

## **1-02.6 Preparation of Proposal**

*(December 10, 2020 APWA GSP, Option A)*

*Supplement this section with the following:*

The Bidder shall submit with the Bid a completed Disadvantaged Business Enterprise (DBE) Utilization Certification, when required by the Special Provisions. For each and every DBE firm listed on the Bidder's completed Disadvantaged Business Enterprise Utilization Certification, the Bidder shall submit written confirmation from that DBE firm that the DBE is in agreement with the DBE participation commitment that the Bidder has made in the Bidder's completed Disadvantaged Business Enterprise Utilization Certification.

WSDOT Form 422 031 (Disadvantaged Business Enterprise Written Confirmation Document) is to be used for this purpose. Bidder must submit good faith effort documentation only in the event the bidder's efforts to solicit sufficient DBE participation have been unsuccessful.

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

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

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

*(December 10, 2020 APWA GSP, Option B)*

*Supplement the second paragraph with the following:*

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

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

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

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

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

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

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

*Section 1-02.6 is supplemented with the following:  
(August 3, 2015 WSDOT GSP, Option 5)*

### **Cumulative Alternates Bidding**

The Bid Proposal for this Contract requires the Bidder to bid cumulative Alternates as part of the bid. As such the Bidder is required to submit a Base Bid and a bid for each of the Alternate(s).

### **Bid Proposal**

The Bid Proposal includes the following:

1. Base Bid  
The Base Bid shall include constructing all items included in the Proposal except those items contained in the Alternate(s).
2. Alternate(s)
  - a. Alternate A1  
Based on constructing \*\*\* the raised island at the Kitsap Way and 11th Street intersection including but not limited to the curb, gutter, HMA paving, curb ramps, sidewalk, and permanent signing required to construct the raised median \*\*\*

The Bid items for Alternate A1 are as listed in the Bid Proposal.

- b. Alternate A2  
Based on constructing \*\*\* illuminated street signs for the side street approaches at the following intersections:
      - Kitsap Way (SR-310) & Oyster Bay Ave S
      - Kitsap Way (SR-310) & Adele Ave
      - Kitsap Way (SR-310) / 6th St & N Callow Ave (SR-310)
      - Warren Ave (SR 303) & 6th St
      - Warren Ave (SR 303) & 16th St
      - Wheaton Way (SR 303) & Sheridan Rd
      - Wheaton Way (SR 303) & Sylvan Rd
      - Wheaton Way (SR 303) & E Broad St
      - Wheaton Way (SR 303) & Hollis St
      - Wheaton Way (SR 303) & NE Riddell Rd
      - Kitsap Way (SR-310) & Shorewood Dr
      - Kitsap Way (SR-310) & Ostrich bay Ave
      - Kitsap Way (SR-310) & National
      - Kitsap Way (SR-310) & 11th St

Alternate A2 removes the bid item "Permanent Signing: Street Name Signs" from the Base Bid.\*\*\*

The Bid items for Alternate A2 are as listed in the Bid Proposal.

## **Bidding Procedures**

To be considered responsive the Bidder shall submit a price on each and every Bid item included in the Base Bid and all Alternate(s.)

The successful Bidder will be the Bidder submitting the lowest responsible Bid for the highest order Preference that is within the amount of available funds for the project. Available funds will be announced immediately prior to the opening of Bids. The following are listed in order from highest to lowest Preference:

1. Preference 1: Lowest total for Base Bid plus Alternate A1 plus Alternate A2.
2. Preference 2: Lowest total for Base Bid plus Alternate A1.
3. Preference 3: Lowest total for Base Bid plus Alternate A2.
4. Preference 4: Lowest total for Base Bid.

The Contracting Agency may, at their discretion, award a Contract for the Base Bid, without any additional Alternates, in the event that all Bids exceed the available funds announced. In any case, the award will be subject to the requirements of Section 1-03.

### **1-02.7 Bid Deposit**

*(March 8, 2013 APWA GSP)*

*Supplement this Section with the following:*

Bid bonds shall contain the following:

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

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

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

## 1-02.9 Delivery of Proposal

*(Special Provision)*

*Delete this Section and replace it with the following:*

Each Proposal shall be submitted to the City electronically via email to [city.clerk@ci.bremerton.wa.us](mailto:city.clerk@ci.bremerton.wa.us), with the Project Name as stated in the Call for Bids noted on the subject line of the email, or as otherwise required in the Bid Documents, to ensure proper handling and delivery. All electronic documents shall be in PDF format and shall not exceed 10 MB in size. It is recommended under Message Properties the box for "Request a delivery receipt for this message" be checked as this is the only method by which verification of delivery will be given.

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

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

These documents, if applicable, shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received **no later than 48 hours** (not including Saturdays, Sundays and Holidays) after the time for delivery of the Bid Proposal.

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

1. By e-mail to the following e-mail address: [city.clerk@ci.bremerton.wa.us](mailto:city.clerk@ci.bremerton.wa.us), with "Supplemental Information" noted in the subject line.

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

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

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

## **1-02.10        Withdrawing, Revising, or Supplementing Proposal**

*(Special Provision)*

*Delete this Section, and replace it with the following:*

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

1. The Bidder submits a written request signed by an authorized person emails it to [city.clerk@ci.bremerton.wa.us](mailto:city.clerk@ci.bremerton.wa.us), and
2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and
3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

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

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

## **1-02.12        Public Opening of Proposals**

*(Special Provision)*

*The first paragraph of this Section shall be deleted and replaced with the following:*

Proposals will be opened and publicly read via webcast at the time indicated in the call for Bids unless the Bid opening has been delayed or canceled. The link for the webcast will be posted on the City of Bremerton website at <http://www.bremertonwa.gov/Bids.aspx> prior to the bid opening.

## **1-02.13        Irregular Proposals**

*(October 1, 2020 APWA GSP)*

*Delete this section and replace it with the following:*

1. A Proposal will be considered irregular and will be rejected if:
  - a. The Bidder is not prequalified when so required;
  - b. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;
  - c. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
  - d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
  - e. A price per unit cannot be determined from the Bid Proposal;
  - f. The Proposal form is not properly executed;
  - g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;

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

#### **1-02.14 Disqualification of Bidders**

*(May 17, 2018 APWA GSP, Option B)*

*Delete this Section and replace it with the following:*

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

## **1-02.15 Pre Award Information**

*(August 14, 2013 APWA GSP)*

*Revise this Section to read:*

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

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

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

### **1-03.1 Consideration of Bids**

*(January 23, 2006 APWA GSP)*

*Revise the first paragraph to read:*

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

### **1-03.3 Execution of Contract**

*(October 1, 2005 APWA GSP)*

*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 **ten (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, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

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

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within the calendar days after the award date stated above, the Contracting Agency may grant up to a maximum of **seven (7)** additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

### **1-03.4 Contract Bond**

*(July 23, 2015 APWA GSP)*

*Delete the first paragraph and replace it with the following:*

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and performance bond; or be separate

payment and performance bonds. In the case of separate payment and performance bonds, each shall be for the full contract amount. The bond(s) shall:

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:
  - a. Is registered with the Washington State Insurance Commissioner, and
  - b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Ensure 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**

*(November 30, 2018 APWA GSP)*

*Revise this Section to read:*

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

## **1-04 SCOPE OF THE WORK**

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

*(December 10, 2020 APWA GSP)*

*Revise the second paragraph to read:*

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

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

### **1-04.4 Changes**

#### **1-04.4(1) Minor Changes**

*(May 30, 2019 APWA GSP)*

*Delete the first paragraph and replace it with the following:*

Payments or credits for changes amounting to \*\*\*\$50,000\*\*\* or less may be made under the Bid item "Minor Change". At the discretion of the Contracting Agency, this procedure for Minor Changes may be used in lieu of the more formal procedure as outlined in Section 1-04.4, Changes. All "Minor Change" work will be within the scope of the Contract Work and will not change Contract Time.

## **1-05 CONTROL OF WORK**

### **1-05.4 Conformity With And Deviations From Plans And Stakes**

*Section 1-05.4 is supplemented with the following:*

*(January 13, 2021 WSDOT GSP, Option 2)*

#### **Contractor Surveying - Roadway**

The Contracting Agency has provided primary survey control in the Plans.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.
4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor
5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.
6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine

Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.

7. Establish intermediate elevation benchmarks as needed to check work throughout the project.
8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.
9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.
10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	<u>Vertical</u>	<u>Horizontal</u>
Slope stakes	±0.10 feet	±0.10 feet
Subgrade grade stakes set 0.04 feet below grade	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Surfacing grade stakes	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (normal to alignment)



The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

### ***Payment***

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

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

*(April 2, 2018 WSDOT GSP)*

### **Contractor Surveying – ADA Features**

#### **ADA Feature Staking Requirements**

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, and grades necessary for the construction of the ADA features. Calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility. The Contractor shall build the ADA features within the specifications in the Standard Plans and contract documents.

#### **ADA Feature As-Built Measurements**

The Contractor shall be responsible for providing electronic As-Built records of all ADA feature improvements completed in the Contract.

The survey work shall include but not be limited to completing the measurements, recording the required measurements and completing other data fill-ins found on the ADA Measurement Forms, and transmitting the electronic Forms to the Engineer. The ADA Measurement Forms are found at the following website location:

<http://www.wsdot.wa.gov/Design/ADAGuidance.htm>

In the instance where an ADA Feature does not meet accessibility requirements, all work to replace non-conforming work and then to measure, record the as-built measurements, and transmit the electronic Forms to the Engineer shall be completed at no additional cost to the Contracting Agency, as ordered by the Engineer.

### **Payment**

Payment will be made for the following bid item that is included in the Proposal:

"ADA Features Surveying", lump sum.

The unit Contract price per lump sum for "ADA Features Surveying" shall be full pay for all the Work as specified.

### **1-05.7 Removal of Defective and Unauthorized Work**

*(October 1, 2005 APWA GSP)*

*Supplement this Section with the following:*

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

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

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

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

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

## **1-05.11 Final Inspection**

*Delete this Section and replace it with the following:*

### **1-05.11 Final Inspections and Operational Testing**

*(October 1, 2005 APWA GSP)*

#### **1-05.11(1) Substantial Completion Date**

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

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

#### **1-05.14 Cooperation With Other Contractors**

*Section 1-05.14 is supplemented with the following:  
(March 13, 1995 WSDOT GSP)*

##### **Other Contracts Or Other Work**

It is anticipated that the following work adjacent to or within the limits of this project will be performed by others during the course of this project and will require coordination of the work:

\*\*\*

Project: Oyster Bay Beach Sewer Upgrade  
Completion: Estimated Completion Date of September 7, 2021  
Contact: Bill Davis, City of Bremerton, 360-473-2312

Project: Fish Passage at Kitsap Way  
Contact: Gunnar Fridriksson, City of Bremerton, 360-473-5758

Project: 6th Street Pavement Preservation Phase II  
Contact: Chris Dimmitt, City of Bremerton, 360-473-2307

Project: 6th Street Sewer Replacement Project  
Contact: Bill Davis, City of Bremerton, 360-473-2307

Project: Pancake House Water Main Extension  
Contact: Bill Davis, City of Bremerton, 360-473-2312

\*\*\*

#### **1-05.15 Method of Serving Notices**

*(March 25, 2009 APWA GSP)*

*Revise the second paragraph to read:*

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

*Add the following new Sections:*

#### **1-05.16 Water and Power**

*(October 1, 2005 APWA GSP)*

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

## **1-05.18 Record Drawings**

*(March 8, 2013 APWA GSP)*

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

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

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

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

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

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

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

	Vertical	Horizontal
As-built sanitary & storm invert and grate elevations	± 0.01 foot	± 0.01 foot
As-built monumentation	± 0.001 foot	± 0.001 foot
As-built waterlines, inverts, valves, hydrants	± 0.10 foot	± 0.10 foot
As-built ponds/swales/water features	± 0.10 foot	± 0.10 foot

As-built buildings (fin. Floor elev.)	± 0.01 foot	± 0.10 foot
As-built gas lines, power, TV, Tel, Com	± 0.10 foot	± 0.10 foot
As-built signs, signals, etc.	N/A	± 0.10 foot

**Making Entries on the Record Drawings:**

- Use erasable colored pencil (not ink) for all markings on the Record Drawings, conforming to the following color code:
- Additions                Red
- Deletions                Green
- Comments-            Blue
- Dimensions           -        Graphite
- Provide the applicable reference for all entries, such as the change order number, the request for information (RFI) number, or the approved shop drawing number.
- Date all entries.

**Clearly identify all items in the entry with notes similar to those in the Contract Drawings (such as pipe symbols, centerline elevations, materials, pipe joint abbreviations, etc.).** The Contractor shall certify on the Record Drawings that said drawings are an accurate depiction of built conditions, and in conformance with the requirements detailed above. The Contractor shall submit final Record Drawings to the Contracting Agency. Contracting Agency acceptance of the Record Drawings is one of the requirements for achieving Physical Completion.

Payment will be made for the following bid item:

Record Drawings (Minimum Bid \$ 5,000.00)	Lump Sum
--	----------

Payment for this item will be made on a prorated monthly basis for work completed in accordance with this section up to 75% of the lump sum bid. The final 25% of the lump sum item will be paid upon submittal and approval of the completed Record Drawings set prepared in conformance with these Special Provisions.

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

## **1-06 CONTROL OF MATERIALS**

*Section 1-06 is supplemented with the following:*

### **Buy America**

*(August 6, 2012 WSDOT GSP, Option 1)*

In accordance with Buy America requirements contained in 23 CFR 635.410, the major quantities of steel and iron construction material that is permanently incorporated into the project shall consist of American-made materials only. Buy America does not apply to temporary steel 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. To further define the coverage, a domestic product is a manufactured steel 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.

If domestically produced steel billets or iron ingots are exported outside of the area of coverage, as defined above, for any manufacturing process then the resulting product does not conform to the 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 does not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron ore.

The following are considered to be steel manufacturing processes:

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

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



*(Special Provision)*

The Contracting Agency has specified patented/proprietary items, some of which may contain foreign steel and/or iron. The Contractor shall be made aware that the total anticipated value of the foreign steel associated with patented/proprietary items is \*\*\*\$753.50\*\*\* and will apply toward the minor amounts of foreign steel and iron allowed herein.

### **1-06.1 Approval of Materials Prior to Use**

*Section 1-06.1 is supplemented with the following:  
(April 3, 2017 WSDOT GSP)*

For each proposed material that is required to be submitted for approval using either the QPL or RAM process the Contractor will be allowed to submit for approval two material sources or manufacturers per material type at no cost. Additional material sources or manufacturers may be submitted for approval and will be processed at a cost of \$125.00 per material source or manufacturer submitted by QPL submittal and \$400.00 per material submitted by RAM. All costs for processing additional material sources or manufacturers will be deducted from monies due or that may come due to the Contractor. Subject to a request by the Contractor and a determination by the Engineer the costs for processing may be waived.

## **1-07 LEGAL REGULATIONS AND RESPONSIBILITIES TO THE PUBLIC**

### **1-07.1 Laws to be Observed**

*Section 1-07.1 is supplemented with the following:  
(May 13, 2020 WSDOT GSP, Option 4)*

#### **COVID-19 Health and Safety Plan**

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

*(October 1, 2005 APWA GSP)*

*Supplement this Section with the following:*

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

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

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

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

## **1-07.2 State 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).

## **1-07.4 Sanitation**

### **1-07.4(2) Health Hazards**

*Section 1-07.4(2) is supplemented with the following:  
(May 13, 2020 WSDOT GSP, Option 2)*

#### **COVID-19 Health and Safety Plan (CHSP)**

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

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

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

### **COVID-19 Health and Safety Plan (CHSP) Inspection**

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

### **1-07.7 Load Limits**

*This Section is to be supplemented with the following:  
(March 13, 1995 WSDOT GSP, Option 6)*

If the sources of materials provided by the Contractor necessitate 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.

### **1-07.9 Wages**

#### **1-07.9(1) General**

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

#### **Federal Wage Rates**

*(January 13, 2021 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. WA20210001.

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

*(April 2, 2007 WSDOT GSP, Option 4)*

#### **Application of Wage Rates For The Occupation Of Landscape Construction**

State prevailing wage rates for public works contracts are included in this contract and show a separate listing for the occupation:

Landscape Construction, which includes several different occupation descriptions such as: Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment Operators, and Landscaping or Planting Laborers.

In addition. Federal wage rates that are included in this contract may also include occupation descriptions in Federal Occupational groups for work also specifically identified with landscaping such as:

Laborers with the occupation description, Landscaping or Planting, or  
Power Equipment Operators with the occupation description, Mulch Seeding Operator.

If Federal wage rates include one or more rates specified as applicable to landscaping work, then Federal wage rates for all occupation descriptions, specific or general, must be considered and compared with corresponding State wage rates. The higher wage rate, either State or Federal, becomes the minimum wage rate for the work performed in that occupation.

Contractors are responsible for determining the appropriate crafts necessary to perform the contract work. If a classification considered necessary for performance of the work is missing from the Federal Wage Determination applicable to the contract, the Contractor shall initiate a request for approval of a proposed wage and benefit rate. The Contractor shall prepare and submit Standard Form 1444, Request for Authorization of Additional Classification and Wage Rate available at <http://www.wdol.gov/docs/sf1444.pdf>, and submit the completed form to the Project Engineer's office. The presence of a classification wage on the Washington State Prevailing Wage Rates For Public Works Contracts does not exempt the use of form 1444 for the purpose of determining a federal classification wage rate.

#### **1-07.9(5) Required Documents**

*(January 3, 2020 APWA GSP)*

*Delete this section and replace it with the following:*

##### **General**

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

##### **Intents and Affidavits**

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

1. The approved "Statement of Intent to Pay Prevailing Wages" State L&I's form number F700-029-000. The Contracting Agency will make no payment under this Contract until this statement has been approved by State L&I and reviewed by the Engineer.
2. The approved "Affidavit of Prevailing Wages Paid", State L&I's form number F700-007-000. The Contracting Agency will not grant Completion until all approved Affidavit of Wages paid for the Contractor and all Subcontractors have been received by the Engineer. The Contracting Agency will not release to the Contractor any funds retained under RCW 60.28.011 until "Affidavit of Prevailing Wages Paid" forms have been approved by State L&I and all of the approved forms have been submitted to the Engineer for every firm that worked on the Contract.

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

### **Certified Payrolls**

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

### **Penalties for Noncompliance**

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

## **1-07.11 Requirements for Nondiscrimination**

*Section 1-07.11 is supplemented with the following:  
(September 3, 2019 WSDOT GSP, Option 1)*

### Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)

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

#### Women - Statewide

<u>Timetable</u>	<u>Goal</u>
Until further notice	6.9%

#### Minorities - by Standard Metropolitan Statistical Area (SMSA)

Spokane, WA:

SMSA Counties:

Spokane, WA 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 time tables is enforced by the Office of Federal Contract compliance Programs.

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

violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

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

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

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

Standard Federal Equal Employment Opportunity Construction Contract Specifications  
(Executive Order 11246)

1. As used in these specifications:
  - a. Covered Area means the geographical area described in the solicitation from which this contract resulted;
  - b. Director means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
  - c. Employer Identification Number means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
  - d. Minority includes:
    - (1) Black, a person having origins in any of the Black Racial Groups of Africa.
    - (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish origin.



- (3) Asian or Pacific Islander, a person having origins in any of the original peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and Samoa.
  - (4) American Indian or Alaskan Native, a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.
- 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
- 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan goals and timetables.
- 4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
- 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
- 6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability

of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its action. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
  - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
  - d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
  - e. Develop on-the-job training opportunity and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the U.S. Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
  - f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting

the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
- m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the

EEO policy and the Contractor's obligations under these specifications are being carried out.

- n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
  - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
  - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to

Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, the Contractors will not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).
16. Additional assistance for Federal Construction Contractors on contracts administered by Washington State Department of Transportation or by Local Agencies may be found at:

Washington State Dept. of Transportation  
Office of Equal Opportunity  
PO Box 47314  
310 Maple Park Ave. SE  
Olympia WA  
98504-7314  
Ph: 360-705-7090  
Fax: 360-705-6801

<http://www.wsdot.wa.gov/equalopportunity/default.htm>

(October 1, 2020 APWA GSP, Option B)  
Supplement this section with the following:

### **Disadvantaged Business Enterprise Participation**

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

### **DBE Abbreviations and Definitions**

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

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

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

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

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

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

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

**Manufacturer (DBE)** – A DBE firm that operates or maintains a factory or establishment that produces on the premises the materials, supplies, articles, or equipment required under the Contract. A DBE Manufacturer shall produce finished goods or products from raw or unfinished material or purchase and substantially alters goods and materials to make them suitable for construction use before reselling them.

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

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

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

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

#### **DBE COA Goal**

The Contracting Agency has established a DBE COA Goal for this Contract in the amount of: \*\*\* 13% \*\*\*

**Crediting DBE Participation**

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

DBE participation is only credited upon payment to the DBE.

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

**DBE Prime Contractor**

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

**DBE Subcontractor**

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

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

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

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

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



### **DBE Subcontract and Lower Tier Subcontract Documents**

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

### **DBE Service Provider**

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

### **Force Account Work**

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

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

### **Temporary Traffic Control**

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

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

### **Trucking**

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

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

for the value of the transportation services it provides on the Contract using trucks it owns or leases, licenses, insures, and operates with drivers it employs.

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

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

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

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

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

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

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

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

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

### **Disadvantaged Business Enterprise Utilization**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GFE is evaluated when:

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

49 CFR Part 26, Appendix A is intended as general guidance and does not, in itself, demonstrate adequate good faith efforts. The following is a list of types of actions,

which would be considered as part of the Bidder's GFE to achieve DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.

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

political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the Bidder's efforts to meet the DBE COA Goal.

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

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

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

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

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

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

## **DBE Trucking Credit Form**

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

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

## **Procedures between Award and Execution**

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

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

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

## **Procedures after Execution**

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

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

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

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

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

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

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

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

Each DBE trucking firm shall complete a Daily UDBE/DBE/FSBE Trucking Unit Listing Log for each day that the DBE performs trucking services for DBE credit.



The Daily UDBE/DBE/FSBE Trucking Unit Listing Log forms shall be submitted to the Engineer by Friday of the week after the work was performed.

### **Joint Checking**

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

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

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

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

### **Prompt Payment**

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

### **Subcontracts**

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

\*\*\* Andrea.Archer-Parsons@ci.bremerton.wa.us \*\*\*

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

## **Reporting**

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

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

## **Changes in COA Work Committed to DBE**

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

## **Owner Initiated Changes**

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

## **Contractor Initiated Changes**

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

## **Original Quantity Underruns**

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

## **Contractor Proposed DBE Substitutions**

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

## **DBE Termination**

Termination of a COA DBE (or an approved substitute DBE) is only allowed in whole or in part for good cause and with prior written approval of the Engineer. If

the Contractor terminates a COA DBE without the prior written approval of the Engineer, the Contractor shall not be entitled to payment for work or material committed to, but not performed/supplied by the COA DBE. In addition, sanctions may apply as described elsewhere in this specification.

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

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

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

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

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

Good cause does not exist if:

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

### **Decertification**

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

### **Consequences of Non-Compliance Breach of Contract**

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

The Contractor, subrecipient, or Subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

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

### **Notice**

If the Contractor or any Subcontractor, Consultant, Regular Dealer, or service provider is deemed to be in non-compliance, the Contractor will be informed in

writing, by certified mail by the Engineer that sanctions will be imposed for failure to meet the DBE COA Commitment and/or submit documentation of good faith efforts. The notice will state the specific sanctions to be imposed which may include impacting a Contractor or other entity's ability to participate in future contracts.

### **Sanctions**

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

### **Payment**

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

*Section 1-07.11 is Supplemented with the following:  
(January 13, 2021 WSDOT GSP, Option 4)*

### **Special Training Provisions**

#### **General Requirements**

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

#### **Trainee Approval**

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

1. The Contractor is otherwise in compliance with the contract's Equal Employment Opportunity (EEO) and On-the-Job Training (OJT) requirements

and provides documentation of the efforts taken to fill the specific training position with either minorities or females

2. or, if not otherwise in compliance, furnishes evidence of his/her systematic and direct recruitment efforts in regard to the position in question and in promoting the enrollment and/or employment of minorities and females in the craft which the proposed trainee is to be trained
3. and the Contractor has made a good faith effort towards recruiting of minorities and women. As a minimum good faith efforts shall consist of the following:
  - a. Distribution of written notices of available employment opportunities with the Contractor and enrollment opportunities with its unions. Distribution should include but not be limited to; minority and female recruitment sources, WSDOT's OJT Support Services Coordinator, and minority and female community organizations.
  - b. Records documenting the Contractor's efforts and the outcome of those efforts, to employ minority and female applicants and/or refer them to unions.
  - c. Records reflecting the Contractor's efforts in participating in developing minority and female on-the-job training opportunities, including upgrading programs and apprenticeship opportunities.
  - d. Distribution of written notices to unions and training programs disseminating the Contractor's EEO policy and requesting cooperation in achieving EEO and OJT obligations (and their written responses). For assistance in locating trainee candidates, the Contractor may call WSDOT's OJT Support Services Coordinator at (360) 704-6314 or email [ojtssinfo@wsdot.wa.gov](mailto:ojtssinfo@wsdot.wa.gov).

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

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

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

- i. an individual written agreement between an employer and apprentice
- ii. a written agreement between (an employer or an association of employers) and an organization of employees describing conditions of employment for apprentices
- iii. a written statement describing conditions of employment for apprentices in a plant where there is no bona fide employee organization.

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

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

Or

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

#### **Obligation to Provide Information**

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

#### **Training Program Approval**

The Training Program shall meet the following requirements:

- 1. The Training Program (DOT Form 272-049) must be submitted to the Engineer for approval **prior to commencing contract work** and shall be resubmitted when modifications to the program occur.
- 2. The minimum length and type of training for each classification will be as established in the training program as approved by the Contracting Agency.
- 3. The Training Program shall contain the trades proposed for training, the number of trainees, the hours assigned to the trade and the estimated beginning work date for each trainee.
- 4. Unless otherwise specified, Training Programs will be approved if the proposed number of training hours equals the training hours required by contract and the trainees are not assigned less than 400 hours each.

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

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



## **Compliance**

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

## **Noncompliance and Sanctions**

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

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

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

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

1. The program establishes minimum qualifications for persons entering the training program.
2. The program shall outline the work processes in which the trainee will receive supervised work experience and training on-the-job and the allocation of the approximate time to be spent in each major process. The program shall include the method for recording and reporting the training completed shall be stated.
3. The program shall include a numeric ratio of trainees to journey-level worker consistent with proper supervision, training, safety, and continuity of employment. The ratio language shall be specific and clear as to application in terms of job site and workforce during normal operations (normally considered to fall between 1:10 and 1:4).
4. The terms of training shall be stated in hours. The number of hours required for completion to journey-level worker status shall be comparable to the

apprenticeship hours established for that craft by the SATC. The following are examples of programs that are currently approved:

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

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

### **Measurement**

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

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

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

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

**Payment**

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

**1-07.12 Federal Agency Inspection**

*Section 1-07.12 is supplemented with the following:  
(January 25, 2016 WSDOT GSP)*

**Required Federal Aid Provisions**

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised May 1, 2012 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 Project Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the amendments thereto, the applicable wage rates, and this Special Provision.

**1-07.13 Contractor's Responsibility for Work****1-07.13(4) Repair of Damage**

*Section 1-07.13(4) is revised to read  
(August 6, 2001 WSDOT GSP, Option 1)*

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

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

*(April 2, 2007 WSDOT GSP, Option 1)*

*Supplement this Section with the following:*

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

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

### **Utilities**

City of Bremerton	(360) 473-5318
City of Bremerton Traffic Signal	(360) 473-5920
Comcast	(800) 266-2278
Cascade Natural Gas	(888) 522-1130
Puget Sound Energy – Electric	(888) 225-5773
Centurylink	(800) 283-4237
Redflex Traffic Systems	(800) 283-2000
Buried Cable Locating Assistance	(800) 424-5555

## **1-07.18 Public Liability and Property Damage Insurance**

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

### **1-07.18 Insurance**

*(January 4, 2016 APWA GSP)*

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

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the

Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.

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

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

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

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

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

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

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

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

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

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

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

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

Verification of coverage shall include:

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

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

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

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided

by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

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

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

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

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement. Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

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

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

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

Such policy must provide the following minimum limit:

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

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

## **1-07.23 Public Convenience and Safety**

### **1-07.23(1) Construction Under Traffic**

*Section 1-07.23(1) is supplemented with the following:  
(February 3, 2020 WSDOT GSP, Option 2)*

#### **Work Zone Clear Zone**

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

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

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

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

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

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

<b>Regulatory Posted Speed</b>	<b>Distance From Traveled Way (Feet)</b>
35 mph or less	10
40 mph	15
45 to 50 mph	20
55 to 60 mph	30
65 mph or greater	35

#### **Minimum Work Zone Clear Zone Distance**



*(January 5, 2015 WSDOT GSP, Option 5)*

Lane closures are subject to the following restrictions:

\*\*\*

1. Closures of a single lane in each direction are allowed between 8:00 AM and 3:00 PM Monday through Friday, and 7:00 PM and 5:00 AM Sunday through Thursday.
2. Contractor to submit traffic control plans for approval.

\*\*\*

If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer may adjust the hours accordingly. The Engineer will notify the Contractor in writing of any change in the closure hours.

Lane closures are not allowed on any of the following:

1. A holiday,
2. A holiday weekend; holidays that occur on Friday, Saturday, Sunday or Monday are considered a holiday weekend. A holiday weekend includes Saturday, Sunday, and the holiday.
3. After \*\*\*12:00 pm\*\*\* on the day prior to a holiday or holiday weekend, and
4. Before \*\*\*12:00 pm\*\*\* on the day after the holiday or holiday weekend.

*The last paragraph of Section 1-07.23(1) is revised to read:  
(September 30, 2020 WSDOT GSP, Option 7)*

The Contractor shall conduct all operations to minimize any drop-offs (abrupt changes in roadway elevation) left exposed to traffic during nonworking hours. Unless otherwise specified in the Traffic Control Plan, drop-offs left exposed to traffic during nonworking hours shall be protected as follows with an accepted traffic control plan submittal in accordance with Section 1-10.2(2):

1. Drop-offs up to 0.20 foot, unless otherwise ordered by the Engineer, may remain exposed with appropriate warning signs alerting motorists of the condition.
2. Drop-offs more than 0.20 foot that are in the Traveled Way or Auxiliary Lane will not be allowed unless protected with appropriate warning signs and further protected as indicated in 3b or 3c below.
3. Drop-offs more than 0.20 foot, but no more than 0.50 foot, that are not within the Traveled Way shall be protected with appropriate warning signs and further protected by having one of the following:
  - a. A wedge of compacted stable material placed at a slope of 4:1 or flatter.

- b. Channelizing devices (Type I barricades, plastic safety drums, or other devices 36 inches or more in height) placed along the traffic side of the drop-off and a new edge of pavement stripes placed a minimum of 3 feet from the drop-off. The maximum spacing between the devices in feet shall be the posted speed in miles per hour. Pavement drop-off warning signs shall be placed in advance and throughout the drop-off treatment.
- c. A temporary concrete barrier, temporary steel barrier, or other approved traffic barrier installed on the traffic side of a drop-off with a new edge line placed a minimum of 2-feet from the traffic face of the barrier. The barrier shall have a lateral offset from the edge of the drop-off to the back of the barrier as follows:
  - i. A minimum offset of 3-feet for temporary Type F or Type 2 concrete barrier when not anchored.
  - ii. A minimum offset of 1-foot for temporary Type F or Type 2 concrete barrier when anchored on hot mix asphalt pavement as shown on WSDOT Standard Plans C-60.10 or K-80.35.
  - iii. A minimum offset of 1-foot for temporary Type F concrete barrier when anchored on cement concrete pavement as shown on WSDOT Standard Plan C-60.10.
  - iv. A minimum offset of 9-inches for temporary Type F or Type 2 concrete barrier when anchored on cement concrete pavement and/or concrete bridge decks as shown on WSDOT Standard Plan K-80.35.
  - v. A minimum offset of 6-inches or 9-inches for temporary Type F or Type 2 narrow base concrete barrier when anchored on cement concrete pavement and concrete bridge decks as shown on WSDOT Standard Plan K-80.37.
  - vi. A minimum offset following manufacturer recommendations for temporary steel barrier when not anchored; or when anchored on hot mix asphalt pavement, cement concrete pavement, or concrete bridge decks.
  - vii. A minimum offset as directed by the Engineer for any barrier type or configuration not shown in this Section.

An approved terminal, flare, or impact attenuator is required at the approach end of the barrier run, and is required at the trailing end of a barrier run in two-way operations when shown in the plans or as directed by the Engineer.

- 4. Drop-offs more than 0.50 foot not within the Traveled Way or Auxiliary Lane shall be protected with appropriate warning signs and further protected as indicated in 3a, 3b, or 3c if all of the following conditions are met:

- a. The drop-off is less than 2 feet;
  - b. The total length throughout the project is less than 1 mile;
  - c. The drop-off does not remain for more than 3 working days;
  - d. The drop-off is not present on any of the holidays listed in Section 1-08.5; and
  - e. The drop-off is only on one side of the Roadway.
5. Drop-offs more than 0.50 foot that are not within the Traveled Way or Auxiliary Lane and are not otherwise covered by No. 4 above shall be protected with appropriate warning signs and further protected as indicated in 3a or 3c.
  6. Open trenches within the Traveled Way or Auxiliary Lane shall have a steel-plate cover placed and anchored over them. A wedge of suitable material, if required, shall be placed for a smooth transition between the pavement and the steel plate. Warning signs shall be used to alert motorists of the presence of the steel plates.

#### **1-07.24 Rights of Way**

*(July 23, 2015 APWA GSP)*

*Delete this section and replace it with the following:*

Street Right of Way lines, limits of easements, and limits of construction permits are indicated in the Plans. The Contractor's construction activities shall be confined within these limits, unless arrangements for use of private property are made.

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and easements, both permanent and temporary, necessary for carrying out the work. Exceptions to this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly issued Addendum.

Whenever any of the work is accomplished on or through property other than public Right of Way, the Contractor shall meet and fulfill all covenants and stipulations of any easement agreement obtained by the Contracting Agency from the owner of the private property. Copies of the easement agreements may be included in the Contract Provisions or made available to the Contractor as soon as practical after they have been obtained by the Engineer.

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

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

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

## **1-08 PROSECUTION AND PROGRESS**

*Add the following new Section:*

### **1-08.0 Preliminary Matters**

*(May 25, 2006 APWA GSP)*

*Add the following new Section:*

#### **1-08.0(1) Preconstruction Conference**

*(October 10, 2008 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 establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

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

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

*Add the following new Section:*

**1-08.0(2) Hours of Work**

*(December 8, 2014 APWA GSP)*

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

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

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than \*\*\*five (5) working days\*\*\* prior to the day(s) the Contractor is requesting to change the hours.

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

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

*(December 19, 2019 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 ninth paragraph, beginning with "On all projects, ..." is revised to read:*

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

## **1-08.3 Progress Schedule**

### **1-08.3(2) Progress Schedule Types**

#### **1-08.3(2)A Type A Progress Schedule**

*(March 13, 2012 APWA GSP)*

*Revise this Section to read:*

The Contractor shall submit five (5) copies of a Type A Progress Schedule no later than at the preconstruction conference, or some other mutually agreed upon submittal time. The schedule may be a critical path method (CPM) schedule, bar chart, or other standard schedule format. Regardless of which format used, the schedule shall identify the critical path. The Engineer will evaluate the Type A Progress Schedule and approve or return the schedule for corrections within 15 calendar days of receiving the submittal.

#### **1-08.4 Prosecution of Work**

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

##### **1-08.4 Notice to Proceed and Prosecution of Work**

*(July 23, 2015 APWA GSP)*

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

When shown in the Plans, the first order of work shall be the installation of high visibility fencing to delineate all areas for protection or restoration, as described in the Contract. Installation of high visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor shall request the Engineer to inspect the fence. No other work 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 \*\*\* 100 \*\*\* working days.

*(November 30, 2018 APWA GSP, Option B)*

*Revise the third and fourth paragraphs to read:*

Contract time shall begin on the first working day following the five (5) calendar day after the Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then contract time shall begin on the first working day when onsite work begins.

Each working day shall be charged to the contract as it occurs, until the contract work is physically complete. If substantial completion has been granted and all the authorized working days have been used, charging of working days will cease. Each week the Engineer will provide the Contractor a statement that shows the number of working days: (1) charged to the contract the week before; (2) specified for the physical completion of the contract; and (3) remaining for the physical completion of the contract. The statement will also show the nonworking days and any partial or whole day the Engineer declares as unworkable. Within 10 calendar days after the date of each statement, the Contractor shall file a written protest of any alleged discrepancies in it. To

be considered by the Engineer, the protest shall be in sufficient detail to enable the Engineer to ascertain the basis and amount of time disputed. By not filing such detailed protest in that period, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

*Revise the sixth paragraph to read:*

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

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
  - a. Certified Payrolls (per Section 1-07.9(5)).
  - b. Material Acceptance Certification Documents
  - c. Monthly Reports of Amounts Credited as DBE Participation, as required by the Contract Provisions.
  - d. Final Contract Voucher Certification
  - e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all Subcontractors
  - f. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
  - g. Property owner releases per Section 1-07.24

## **1-08.6 Suspension of Work**

*Section 1-08.6 is supplemented with the following:  
(January 2, 2018 WSDOT GSP, Option 2)*

Contract time may be suspended for procurement of critical materials (Procurement Suspension). In order to receive a Procurement Suspension, the Contractor shall within 21 calendar days after execution by the Contracting Agency, place purchase orders for all materials deemed critical by the Contracting Agency for physical completion of the contract. The Contractor shall provide copies of purchase orders for the critical materials. Such purchase orders shall disclose the purchase order date and estimated delivery dates for such critical material.



The Contractor shall show procurement of the materials listed below as activities in the Progress Schedule. If the approved Progress Schedule indicates that the materials procurement are critical activities, and if the Contractor has provided documentation that purchase orders are placed for the critical materials within the prescribed 21 calendar days, then contract time will be suspended upon physical completion of all critical work except that work dependent upon the below listed critical materials:

\*\*\* Traffic Signal Equipment \*\*\*

Charging of contract time will resume upon delivery of the critical materials to the Contractor or 120 calendar days after execution by the Contracting Agency, whichever occurs first.

### **1-08.9 Liquidated Damages**

*(March 3, 2021 APWA GSP, Option A)  
Replace Section 1-08.9 with the following:*

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

Accordingly, the Contractor agrees:

1. To pay liquidated damages in the amount of \*\*\* \$5,000 \*\*\* 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**

### **1-09.6 Force Account**

*(October 10, 2008 APWA GSP)*

*Supplement this Section with the following:*

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

### **1-09.9 Payments**

*(March 13, 2012 APWA GSP)*

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

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

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

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

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

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

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

4. Change Orders — entitlement for approved extra cost or completed extra work as determined by the Engineer.

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

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

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

#### **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, Option 1)*

Vacant

#### **1-09.11 Disputes and Claims**

##### **1-09.11(3) Time Limitation and Jurisdiction**

*(November 30, 2018 APWA GSP)*

*Revise this Section to read:*

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

#### **1-09.13 Claims Resolution**

##### **1-09.13(3) Claims \$250,000 or Less**

*(October 1, 2005 APWA GSP)*

*Delete this Section and replace it with the following:*

The Contractor and the Contracting Agency mutually agree that those claims that total \$250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR

processes, shall be resolved through litigation unless the parties mutually agree in writing to resolve the claim through binding arbitration.

### **1-09.13(3)A Administration of Arbitration**

*(November 30, 2018 APWA GSP)*

*Revise the third paragraph to read:*

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

## **1-10 TEMPORARY TRAFFIC CONTROL**

### **1-10.2 Traffic Control Management**

#### **1-10.2(1) General**

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

*(January 3, 2017 WSDOT GSP, Option 1)*

Only training with WSDOT TCS card and WSDOT training curriculum is recognized in the State of Washington. 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

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

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

*(January 5, 2015 WSDOT GSP)*

The primary TCS shall have a minimum of 500 hours of experience providing traffic control as a TCS or traffic control labor on multilane highways with a speed limit of 55 mph or greater. The Contractor shall submit a certification of the TCS's experience with the TCS designation. Documentation of experience shall be available upon request by the Project Engineer.

**1-10.4 Measurement**

**1-10.4(1) Lump Sum Bid for Project (No Unit Items)**

*Section 1-10.4(1) is supplemented with the following:  
(August 2, 2004 WSDOT GSP, Option 1)*

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

**END OF DIVISION 1**

## **DIVISION 2 EARTHWORK**

### **2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

#### **2-01.1 Description**

*Supplement this section with the following:*

The Contractor shall consider the clearing limits for this project to be 1-foot beyond the proposed improvements as shown on the Contract Drawing or right of way, whichever is closest to the improvements, and unless otherwise shown on the Plans. The Contractor shall allow 48 hours for the Engineer to approve the clearing limits before commencing activities. At the direction of the Engineer, the limits shall be adjusted in the field. Minor clearing may also be necessary for the improvements. When marking the clearing limits, the Contractor shall strive to protect existing landscaping items, such as vegetation, rockeries, irrigation and other items from damage.

When private landscaping is located within right of way, the Contractor shall allow seven (7) days after the Contractor provides written notice to the property owners before commencing removal of the materials to allow time for private salvage. If the property owners do not desire to salvage materials, then clearing may commence upon approval of the limits.

#### **2-01.2 Disposal of Usable Material and Debris**

*Supplement this section with the following:*

Contractor shall dispose of all debris in accordance with Section 2-01.2(2).

#### **2-01.4 Measurement**

*Supplement this section with the following:*

No separate measurement for payment will be made for clearing and grubbing. Clearing and grubbing will be included in the bid item for "Roadway Excavation Inc. Haul" per Section 2-03 of these Special Provisions.

### **2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

#### **2-02.3 Construction Requirements**

*Section 2-02.3 is supplemented with the following:*

All material removed for the construction of the project, except those specified for reinstallation, shall be hauled offsite to a legal disposal site by the Contractor. The Contractor shall determine the requirements of his selected disposal site related to accepting the material to be deposited on the site. Testing of the material by the disposal site or refusal of the site to accept the material shall not be the basis for additional payment or for an extension of the contract time. The cost of all such requirements shall be included in the various Bid prices in the Proposal.

## **Removing Miscellaneous Traffic Items**

Where specified in the plans or as necessary to complete the work, the following miscellaneous traffic items shall be removed and disposed of:

- Raised pavement markers
- Traffic curbing
- Traffic signs \*
- Other associated traffic control devices

\* City at its option may retain the ownership of traffic signs, traffic control cabinet, and service cabinet. If the City elects not to retain, the contractor shall be remove and dispose of the unit/s.

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

*Replace paragraph "1." with the following:*

1. Haul broken-up pieces to some off-project site.

*Supplement this section with the following:*

**Depth of existing pavement within the project limits is unknown, however the Contractor should anticipate up to 12" of existing pavement, with the potential for existing concrete under the asphalt.**

Existing pavement shall be saw cut before commencing removal as required for the construction and approved by the Engineer. Pavement thickness and extent may vary throughout the project. Removal shall be accomplished by making a neat longitudinal vertical cut along the boundaries of the area to be removed. All cuts shall be continuous, and shall be made with saws specifically equipped for this purpose. No skip cutting will be allowed.

Any asphalt or concrete that is damaged, and not designated for removal as shown on the Plans or preapproved by the Owner, shall be repaired or replaced entirely at the Contractor's expense. All saw cutting shall be considered incidental to the project and no compensation will be allowed. The width and location of cuts shall be preapproved by the Engineer before cutting of pavement.

Sidewalk shall be removed to the nearest joint. Curb and gutter shall be removed to the nearest joint unless otherwise approved by the Engineer.

## **2-02.4 Vacant**

*Delete this Section and Replace with the following:*

### **2-02.4 Measurement**

"Removal of Miscellaneous Traffic Items" will be measure per lump sum and will be for the complete removal and disposal of items identified in these Specification and shown on the Plans.

## **2-02.5 Payment**

*Supplement this section with the following:*

“Removal of Miscellaneous Traffic Items” per lump sum.

Disposal of waste material, street sweeping, and temporary channelization are included in this bid item.

## **2-03 ROADWAY EXCAVATION AND EMBANKMENT**

### **2-03.1 Description**

*Supplement this section with the following:*

All excavation, regardless of the nature or type of materials encountered, performed under this Contract shall be considered as unclassified excavation. The work shall include all excavation for driveway approaches, sidewalk, curb ramps, curbs, roadway restoration, and for all other work.

### **2-03.3 Construction Requirements**

*Supplement this section with the following:*

Unauthorized over-excavated areas shall be filled with Gravel Borrow to be purchased, furnished, placed, placed, graded, and compacted at the Contractor's expense.

### **2-03.3(7) Disposal of Surplus Material**

*Supplement this section with the following:*

The Contractor shall haul all excavated material offsite and dispose of it at a legal disposal site unless directed otherwise by the Engineer. Excavated material from the project shall not be used for embankments or other project-related construction unless specifically authorized by the Engineer.

Disposal of surplus material shall be considered incidental to the project and as such, included in the various unit prices Bid in the Proposal.

### **2-03.4 Measurement**

*Supplement this section with the following:*

“Roadway Excavation Incl. Haul” will be measured by the cubic yard in place of material actually removed and shall include all surfacing removals (including asphalt and concrete pavement, sidewalk, curb and gutter, curbing), bases, native soil, and clearing and grubbing required to install finished surfacing improvements.

No separate measurement for payment will be made for compaction. All costs associated with compaction shall be included with the other various unit Bid prices in the Proposal.



No separate measurement for payment will be made for disposal of surplus materials. All costs associated with this work shall be included with the other various Bid items in the Proposal.

## **2-04 HAUL**

### **2-04.4 Measurement**

*Supplement this section with the following:*

All costs associated with hauling materials of any description to, from, within the project site, or to/from City Facilities as required herein, shall be considered incidental and shall be included in the appropriate Bid prices in the Proposal and no further compensation will be paid.

## **2-06 SUBGRADE PREPARATION**

### **2-06.3 Construction Requirements**

*Section 2-06.3 is supplemented with the following:*

Preparation and compaction of the subgrade shall be considered as essential to the construction and all costs thereof shall be included by the Contractor in other pay items of the Contract. The subgrade shall be shaped and maintained to drain at all times during construction, including temporary ditches and modifications to drainage structures necessary to eliminate standing water on the subgrade. All costs for protection of the subgrade, including replacing all material that becomes unsuitable while the subgrade is exposed, shall be included in the other related Bid items of the Contract and no additional compensation shall be made.

### **2-06.5 Measurement and Payment**

*Section 2-06.5 is supplemented with the following:*

Preparing, maintaining, and restoring (as necessary) subgrade for streets shall not be measured for payment.

## **2-07 WATERING**

### **2-07.3 Construction Requirements**

*Supplement this section with the following:*

During construction, the Contractor shall have available to the project, a suitable water truck that shall be operated as necessary to control dust. Failure to have a water truck immediately accessible to the job, and failure to use said water truck for dust control, shall be adequate reason to “shutdown” the project construction. Such shutdown is herein agreed to upon submitting a Bid for this project. Shutdowns due to the Contractor’s failure to control dust shall not be considered as unworkable days.

The Contractor may request a hydrant meter by completing the City’s Public Works & Utilities Hydrant/Construction Meter Request form, posting the deposit, and paying any applicable usage fees.

## **2-07.5 Payment**

*Supplement this section with the following:*

No additional payment shall be made for "Watering". All costs incurred for this item shall be included in the other related Bid items.

## **2-11 TRIMMING AND CLEANUP**

### **2-11.1 Description**

*Supplement this section with the following:*

During construction, and then upon completion of the work, the Contractor shall thoroughly comb and search the surrounding area and remove any construction material thrown or discarded amongst the trees, bushes, ditches, etc., such as paint cans, cartons, broken pipe, pavement pieces, paper, bottles, etc., and shall tidy up the surrounding general area to make it neat in appearance, including removal of debris that may or may not have been deposited by Contractor's operation.

Paved surfaces, existing and new, shall be thoroughly cleaned (street sweeper) upon completion of work within the area, and shall require daily cleaning if dust or mud exists. Prior to job acceptance, all streets shall be cleaned.

### **2-11.3 Construction Requirements**

*Add the following new sections:*

#### **2-11.3(1) Routine Cleaning**

##### **General**

- Retain all stored materials and equipment in an orderly fashion allowing maximum access, not impeding drainage or traffic, and providing protection.
- Do not allow the accumulation of scrap, debris, waste material, and other items not required for this work.
- At least once a week, and more often if necessary or as directed by the Construction Inspector, the Contractor shall completely remove all scrap, debris, and waste material from the project site.
- Provide adequate storage for all materials awaiting removal from the project site, observing all requirements for fire protection and protection of the environment.

##### **Site**

- Daily and more often if necessary or as directed, inspect the site and pick up all scrap, debris, and waste material. Remove all such items to the place designated for their storage until it can be disposed of.
- Weekly, and more often if necessary or directed, inspect all arrangements of materials stored on the site, restack, tidy, or otherwise service all arrangements to meet the requirements above.
- Maintain the site in a neat and orderly condition at all times so as to meet the approval of the Owner.

##### **Restoration**

- All disturbed grass areas shall be restored as described in Section 8-01 of the Standard Specifications.

### **2-11.3(2) Final Cleaning**

Prior to final inspection, remove from the job site, all tools, surplus materials, equipment, scrap, debris, and waste.

### **2-11.4 Measurement**

*Delete this section and replace with the following:*

Trimming and cleanup will not be measured specifically for payment, but shall be considered incidental and shall be included in the appropriate Bid prices in the Proposal and no further compensation will be paid.

**END OF DIVISION 2**

**DIVISION 3**  
**AGGREGATE PRODUCTION AND ACCEPTANCE**

**3-01 PRODUCTION FROM QUARRY AND PIT SITES**

**3-01.4 Contractor Furnished Material Sources**

*Supplement this section with the following:*

No source has been provided for any materials necessary for the construction of this improvement. The Contractor shall make arrangements to obtain the necessary materials at no expense to the City, and all costs of acquiring, producing, and placing this material in the finished work shall be included in the unit Contract prices for the various items involved.

**END OF DIVISION 3**

**DIVISION 4**  
**BASES**

No Revisions.

**END OF DIVISION 4**

## DIVISION 5

### SURFACE TREATMENTS AND PAVEMENTS

#### 5-04 HOT MIX ASPHALT

#### 5-04 Hot Mix Asphalt

##### 5-04.2 Materials

*Supplement this section with the following:*

All asphalt shall be Commercial CI ½ In. PG 58H-22 (N-Design-75 gyration).

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

*Delete this Section and Replace with the following:*

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

**Commercial** evaluation will be used for Commercial HMA. Sampling and testing of HMA accepted by commercial evaluation will be at the option of the Engineer.

*Add the following new Section:*

##### 5-04.3(17) Cold Mix

During the course of construction, it may be necessary to provide improved temporary access along the streets within the construction route and such major property access roads as may be designated by the Engineer in the field. Such improved temporary access shall be provided by patching the crossings and designated entrance roads with cold mix asphalt concrete, until such time as the permanent asphalt pavement is installed. The backfill shall be thoroughly compacted and brought to a smooth grade prior to placing the material. This cold mix asphalt concrete shall consist of a mixture of mineral aggregate and a minimum of 5-1/2 percent cutback asphalt binder MC-250, combined in a mechanical mixture. It shall be placed, compacted by approved means, and maintained (daily), and removed and waste-hauled at no cost to the City by the Contractor when no longer required. Typical compacted depth shall be 3 inches. Cold mix will be required at all roadway crossings and may be required at driveway crossings when directed by the Engineer.

##### 5-04.4 Measurement

*Supplement this section with the following:*

No measurement will be made for asphalt used in conjunction with adjusting utilities to final grade.

Planning bituminous pavement (grinding) where identified on the Plans shall be considered incidental to and included in the unit price for “Commercial HMA”.

Cold Mix, if used by the Contractor, will not be measured for separate payment and shall be considered incidental to and included in the lump sum bid item "Project Temporary Traffic Control".

**END OF DIVISION 5**

**DIVISION 6  
STRUCTURES**

No Revisions.

**END OF DIVISION 6**



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

**7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS**

7-05.3 Construction Requirements

**7-05.3(1) Adjusting Manholes and Catch Basins to Grade**

*Revise this section to read:*

Where shown in the Plans, or directed by the Engineer, manholes, catch basins, and other sewer and stormwater structures shall be adjusted to finish grade by adjusting the existing utility to finish grade. Adjustment of manholes and catch basins by this method shall result in a finished product that is true to line and grade. Not all manholes and catch basins shown on the Plans will require adjustment.

As part of this project, the City may elect to replace manhole or catch basin frame and grates. Frame and grates requiring replacement will be marked in the field prior to construction. The Contractor shall remove and dispose of all existing frame and grates.

Manholes, catch basins, and other sewer and stormwater structures shall not be adjusted to grade until the overlay is completed, at which time the center of each structure shall be carefully relocated from references previously established by the Contractor. The pavement shall be cut in a restricted area and base material shall be removed to permit removal of the cover rim. The structure shall then be brought to proper grade utilizing the same methods of construction as for the structure itself. Finished grade shall be asphalted.

The cast iron frame shall be placed on the concrete blocks and wedged up to the desired grade and sloped transversely and longitudinally. The asphalt concrete pavement shall be cut and removed to a neat circle, the diameter of which shall be equal to outside diameter of the cast iron frame plus no more than 12-inches beyond the radius of the cover. The base material shall be removed to a depth of at least 8-inches. The outer edge of the casting and the existing asphalt shall be painted with hot asphalt cement. The volume shall be backfilled with HMA and flush with the finished pavement surface. The joint between the patch and the existing pavement shall then be carefully painted with hot asphalt cement or asphalt emulsion and shall be immediately covered with dry paving sand before the asphalt cement solidifies. The inside throat of the structure shall be thoroughly mortared and plastered.

**END OF DIVISION 7**

## **DIVISION 8**

### **MISCELLANEOUS CONSTRUCTION**

#### **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**

##### **8-01.1 Description**

*Supplement this section with the following:*

The Contractor shall install and maintain all temporary and permanent erosion control measures and Best Management Practices (BMPs) in accordance with the Contract Documents, Standard Specifications, the Contractors "Stormwater Pollution Prevention Plan" (SWPPP), and as directed by the Engineer prior to clearing, grubbing, or grading or as necessary as clearing and grading progress. Such measures shall include, but are not necessarily limited to:

- Straw bale, Rock, Wattle, Compost sock check dams
- Straw mulch, netting and tackifier
- Concrete wash
- Baker tanks and/or Settling ponds
- Stabilized construction entrance / exit
- Inlet protection on existing and proposed drainage structures
- Reinforced silt fencing
- Plastic Covering
- Temporary pipe slope drains
- Temporary HMA Curb
- Disposal of sediments and materials
- TESC seeding
- Maintenance of BMPs including in the event of emergencies and as weather and field conditions dictate; and also including installation of additional BMPs which may become required as field and weather conditions evolve.
- Street sweeping and Cleaning
- ESC Lead per 8-01 of the Standard Specifications
- All materials, tools and equipment necessary to meet these requirements

The Contractor shall provide erosion control as required for material stockpiled within the City limits at no cost to the City. The Engineer, in the event of an emergency, and as weather and field conditions dictate, will require additional erosion controls and BMPs to accommodate construction means and methods, changing site conditions, or change in weather.

##### **Site Specific BMPs and SWPPP Plan**

Temporary Erosion / Water Pollution Control notes and performance criteria are noted in the Contract Documents. The Contractor shall submit his or her own Surface Water Pollution Prevention Plan to the City for review and approval prior to the commencement of construction activities.

### **8-01.3 Construction Requirements**

*Supplement this section with the following:*

The Contractor shall bear sole responsibility for damage to completed portions of the project and to property located off the project caused by erosion, siltation, runoff, or other related items during the construction of the project. The Contractor shall also bear sole responsibility for any pollution of rivers, streams, groundwater, or other water that may occur as a result of construction operations.

At no time shall more than 1 foot of sediment be allowed to accumulate within a catch basin. All catch basins and conveyance lines shall be cleaned at a time designated by the City Construction Inspector. The cleaning operation shall not flush sediment-laden water into the downstream system. The cleaning shall be conducted using an approved vacuum truck capable of jet rodding the lines. The collection and disposal of the sediment shall be the responsibility of the Contractor at no cost to the City.

#### **8-01.3(1) General**

##### **8-01.3(1)A Submittals**

*Supplement this section with the following:*

#### **Stormwater Pollution Prevention Plan**

The Contractor shall prepare a Stormwater Pollution Prevention Plan (SWPPP) in accordance with Department of Ecology requirements.

The Contractor shall incorporate the SWPPP implementation schedule into the Contractor's progress schedule. The SWPPP and implementation schedule shall be submitted in accordance with 1-05.3 and 1-08.3.

In addition, the SWPPP shall outline the procedures to be used to prevent high pH stormwater. The plan shall include how the pH of the water will be maintained between pH 6.5 and pH 8.5 prior to being discharged from the project or entering surface waters. Prior to beginning any concrete, the Contractor shall submit the plan, for the Engineer's review and approval.

Contractor shall use the Department of Ecology SWPPP template to develop the project SWPPP. The Ecology template can be found at the following link:

<http://www.ecy.wa.gov/programs/wq/stormwater/construction/>

The SWPPP is considered a "living" document that shall be revised to account for additional erosion control/pollution prevention BMPs as they become necessary and are implemented in the field during project construction. A copy of the most current SWPPP shall remain on-site at all times and an additional copy shall be forwarded to the Engineer. At the Contractor's preference, revisions to the SWPPP may be forwarded to the Engineer rather than submitting a complete document. Revisions to the SWPPP may be kept on-site in a file along with the original SWPPP document.

### **8-01.3(1)B Erosion and Sediment Control (ESC) Lead**

*Supplement this list under the second paragraph with the following:*

3. Inspecting all on-site erosion and sediment control BMPs at least once every five working days and within 24 hours of every runoff event. A SWPPP Inspection report or form shall be prepared for each inspection and shall be included in the SWPPP file. A copy of each SWPPP Inspection report or form shall be submitted to the Engineer no later than the end of the next working day following the inspection. The report or form shall include, but not be limited to the following:
  - a. When, where, and how BMPs were installed, maintained, modified, and removed.
  - b. Observations of BMP effectiveness and proper placement.
  - c. Recommendations for improving future BMP performance with upgraded or replacement BMPs when inspections reveal SWPPP inadequacies.
  - d. Approximate amount of precipitation since last inspection and when last inspection was performed.
4. Updating and maintaining a SWPPP file on site that includes, but is not limited to the following:
  - a. SWPPP Inspection Reports or Forms.
  - b. SWPPP narrative.
  - c. Other applicable permits.

### **8-01.3(8) Street Cleaning**

*Supplement this section with the following:*

The Contractor shall provide for cleaning all surfaced roadways that have become dirty as a result of the execution of this project. This shall be done at the completion of each day's activities or more often if so directed by the Engineer. Street sweepers with a vacuum function shall be the only acceptable method used to clean. Flushing will not be permitted.

Roadway sweeping and cleaning shall be considered included in the lump sum "Erosion Control and Water Pollution Control" and no additional payment will be made.

### **8-01.3(9) Sediment Control Barriers**

#### **8-01.3(9)D Inlet Protection**

*Supplement this section with the following:*

Inlet protection can be in the form of internal devices and shall be installed prior to clearing, grubbing or earthwork activities. Catch Basin Inserts shall be installed on existing catch basins within the project area and those immediately downstream of the project site that could possibly receive sediment laden runoff for the site. They shall be installed and meet the requirements specified on the Plans. Simply placing a piece of geotextile under the catch basin grate is not acceptable.

When the depth of accumulated sediment and debris reaches approximately one-half the height of an internal device or one-third the height of the external device (or less if so specified by the manufacturers), the deposits shall be removed. Contractor shall be responsible for removing catch basin inserts upon completion of the project.

### **8-01.3(16) Removal**

*Supplement this section with the following:*

#### **Removing Temporary Erosion / Water Pollution Control BMPs**

The Contractor shall removal all Temporary Erosion / Water Pollution Control BMPs within twenty (20) days after final stabilization, landscape restoration, or after the BMPs are no longer needed. Trapped sediment shall be removed or stabilized on site.

*Add the following new section:*

### **8-01.3(17) Suspension of Work**

The Contractor shall be responsible for meeting the Temporary Erosion Control and Water Pollution Control requirements of the Bid Documents, including maintenance and repair of BMPs already installed, at all times during suspension.

### **8-01.4(1) Lump Sum Bid for Project (No Unit Items)**

*Supplement this section with the following:*

“Erosion Control and Water Pollution Prevention” shall also be full compensation for all costs associated with creating, submitting, modifying, and updating the SWPPP as described herein. Design and submittal of erosion and sediment control BMPs including providing, maintaining on site the standby equipment and materials to comply with the specified SWPPP requirements shall also be included in this lump sum cost.

## **8-02 ROADSIDE RESTORATION**

### **8-02.1 Description**

*Supplement this section with the following:*

This work also consists of restoring areas disturbed by the Contractor as a result of construction activities. Areas shall be restored by placing and grading topsoil, applying seed to restore lawns and other seeded areas, and placing and grading bark mulch in landscaped and unimproved areas. Restoration type shall match existing surfacing and be approved by the Engineer prior to application.

### **8-02.3 Construction Requirements**

#### **8-02.3(1) Responsibility During Construction**

*Supplement this section with the following:*

Dumping or stockpiling of topsoil or bark mulch shall not be allowed on roadway surfaces.

The Contractor shall locate all underground utilities (both new and existing) prior to starting work and shall not disturb or damage them. Promptly notify the Engineer of any conflict between the proposed work and any obstructions. The Contractor shall be responsible for making any and all repairs for damage caused by his or her activities.

### **8-02.4 Measurement**

*Delete this Section and Replace with the following:*

All costs for Roadside Restoration shall be considered incidental to the curb ramp and/or sidewalk work being completed and no additional measurement will be made.

## **8-04 CURBS, GUTTERS, AND SPILLWAYS**

### **8-04.3 Construction Requirements**

*Supplement this section with the following:*

When curb elevations are shown on the Contract Drawings they are approximate and shall be adjusted as required based on field conditions. When curb elevations are not shown on the Contract Drawings it is the intent to have the new curb follow the existing alignment. The Contractor shall reference the location of the existing curb and gutter prior to removal.

The Contractor shall set the forms (or string line) to grade and request approval from the Engineer 24-hours prior to curb placement. The Engineer may require small (3 inches or less) adjustments in the vertical alignment as required to provide a smooth alignment and drainage. Adjustments should be anticipated and will be made at no additional cost to the Contracting Agency.

Curbs shall be protected against damage or defacement of any kind until it has been accepted by the Engineer. Work that is not acceptable to the Engineer because of damage or defacement shall be removed and replaced by the Contractor at his own expense.

Lip of gutter at all curb ramps shall be flush, no exceptions will be given.

Pigmented curing compounds shall not be used on curb and gutter. Only clear curing compounds will be permitted.

Adjustment to the proposed curb line alignment as described above should be anticipated. All cost associated with these adjustment shall be included in the unit contract bid price for the type of curb being installed.

Add the following new section:

## **8-05 MISCELLANEOUS WORK**

### **8-05.1 Description**

This work shall consist of providing miscellaneous construction and documentation as described herein.

### **8-05.3 Construction Requirements**

#### **8-05.3(1) Daily Construction Report**

The Contractor and subcontractors shall maintain daily, a daily construction report of the Work. The diary must be kept and maintained by Contractor's designated project superintendent(s). Entries must be made on a daily basis and must accurately represent all of the project activities on each day. Provide signed copies of diary sheets for the previous week to Engineer at each Weekly Coordination Meeting.

Every single diary sheet/page must have:

- Project name & number;
- Consecutive numbering of pages, and

- Typed or printed name, signature, and date of the person making the entry.

At a minimum, the diary shall, for each day, have a separate entry detailing each of the following:

- 1 Day and date.
- 2 Weather conditions, including changes throughout the day.
- 3 Complete description of work accomplished during the day, with adequate references to the Plans and Contract Provisions so the reader can easily and accurately identify said work on the Plans. Identify location/description of photographs or videos taken that day.
- 4 Each and every changed condition, dispute or potential dispute, incident, accident, or occurrence of any nature whatsoever which might affect Contractor, Contracting Agency, or any third party in any manner. This shall be provided on a separate page for other information.
- 5 List all materials received and stored on- or off-site by Contractor that day for future installation, including the manner of storage and protection of the same.
- 6 List materials installed that day.
- 7 List all subcontractors working on-site that day.
- 8 List the number of Contractor's employees working during each day, by category of employment.
- 9 List Contractor's equipment on the site that day; showing which were in use, and which idle.
- 10 Notations to explain inspections, testing, stake-out, and all other services furnished by Contracting Agency or other party during the day.
- 11 Verify the daily (including non-work days) inspection and maintenance of traffic control devices and condition of the traveled roadway surfaces.
- 12 Any other information that serves to give an accurate and complete record of the nature, quantity, and quality of Contractor's progress on each day.

**It is expressly agreed between Contractor and Contracting Agency that the Daily Diary maintained by Contractor shall be the "Contractor's Book of Original Entry" for the documentation of any potential claims or disputes that might arise during this Contract. Failure of Contractor to maintain this Diary in the manner described above will constitute a waiver of any such claims or disputes by Contractor.**

Engineer or their representative on the job site will also complete a Daily Construction Report.

Failure to complete Daily Construction Reports will be reason to withhold progress payments.

### **8-05.3(2) Weekly Coordination Meeting**

The Contractor shall attend a weekly coordination meeting with the Engineer and City staff. Day and time of recurring meeting shall be set during the preconstruction conference.

Subcontractor attendance at weekly coordination meetings is encouraged prior to beginning work elements.

#### **8-05.4 Measurement**

The work required in preparing daily construction reports and attending weekly coordination meetings shall not be measured for separate payment, but shall be considered included in the "Mobilization" Bid item and no additional payment will be made.

### **8-14 CEMENT CONCRETE SIDEWALKS**

#### **8-14.1 Description**

*Section 8-14.1 is revised to read:  
(April 3, 2017 WSDOT GSP, Option 1)*

This Work consists of constructing cement concrete sidewalks, curb ramps, bus stop shelter foundations, masonry sidewalks, and ramp grinding in accordance with details shown in the Plans, Standard Plans, these Specifications, and in conformity to the lines and grades shown in the Plans, Standard Plans, and as established by the Engineer.

#### **8-14.2 Materials**

*Supplement this section with the following:*

Concrete sidewalks shall be commercial concrete.

#### **8-14.3 Construction Requirements**

*Section 8-14.3 is supplemented with the following:  
(April 3, 2017 WSDOT GSP, Option 1)*

The Contractor shall request a pre-construction meeting with the Engineer to be held two to five working days before any work can start on cement concrete sidewalks, curb ramps or other pedestrian access routes to discuss construction requirements. Those attending shall include:

1. The Contractor and Subcontractor in charge of constructing forms, and placing, and finishing the cement concrete.
2. Engineer (or representative) and Project Inspectors for the cement concrete sidewalk, curb ramp or pedestrian access route Work.

Items to be discussed in this meeting shall include, at a minimum, the following:

1. Slopes shown on the Plans.
2. Inspection
3. Traffic control
4. Pedestrian control, access routes and delineation
5. Accommodating utilities
6. Form work
7. Installation of detectable warning surfaces
8. Contractor ADA survey and ADA Feature as-built requirements
9. Cold Weather Protection



*(January 7, 2019 WSDOT GSP, Option 2)*

### **Timing Restrictions**

Curb ramps shall be constructed on one leg of the intersection at a time. The curb ramps shall be completed and open to traffic within five calendar days before construction can begin on another leg of the intersection unless otherwise allowed by the Engineer.

Unless otherwise allowed by the Engineer, the five calendar day time restriction begins when an existing curb ramp for the quadrant or traffic island/median is closed to pedestrian use and ends when the quadrant or traffic island/median is fully functional and open for pedestrian access.

*(January 7, 2019 WSDOT GSP, Option 3)*

### **Layout and Conformance to Grades**

Using the information provided in the Contract documents, the Contractor shall lay out, grade, and form each new curb ramp, sidewalk, and curb and gutter.

*Supplement this section with the following:*

The sidewalk cross slope shall be 2% or less. Any sidewalk installed at a cross slope greater than 2% without prior written approval of Engineer shall be removed and replaced at the Contractor's expense.

### **8-14.3(3) Placing and Finishing Concrete**

*Supplement this section with the following:*

In areas where existing cement concrete sidewalks are being restored, the sidewalk shall be removed to the nearest joint before commencing excavation and shall be removed so as not to tear or ravel the edges. All cuts shall be continuous and shall be made with a machine especially equipped for this purpose. No skip cutting will be allowed. The finish and joints shall be the same as the original work. The dimensions shall be as shown on the Plans or as directed in the field by the Engineer.

*Add the following new section:*

#### **8-14.3(6) Curb Ramps**

Curb ramp alignment shall be as indicated on the Plans or as directed by the Engineer in the field. Curb ramps shall be constructed separately from the adjacent triangular shaped transition areas and sidewalk to produce a definite break line between grade changes. All curb ramps shall have a detectable warning pattern installed in accordance with the manufacturer's written instructions.

The Contractor shall notify the Engineer three (3) working days in advance of placing concrete for each curb ramp for layout and formwork inspection. The Contractor shall not place concrete in a sidewalk ramp until the Engineer has either inspected and accepted the layout or waived the layout inspection.

Where existing sidewalk ramp(s) is/are to be replaced, including adjacent sidewalk, the Contractor shall complete the required replacement per intersection corner within one week of beginning concrete demolition and removal.

Curb ramps on this project may need to be modified from the standard details or the details shown on the Contract Drawings to fit the project conditions while meeting current ADA requirements. Special care shall be taken to assure that the ramps are constructed per the plans and details. The following requirements shall apply to all curb ramps:

- Truncated Domes shall be placed on the bottom two feet of the ramp.
- The landing length shall be a minimum of 48 inches
- The cross slope of the landing or ramp shall not be steeper than 2%.
- The longitudinal slope (up or down the ramp) of the ramp shall not exceed 8%.
- The Flare Side Slopes shall not exceed 10%.

Compliance with ADA Standards is taken very serious and minor modifications to the dimensions shown on the Plans may be required to meet current standards. Therefore, prior to pouring concrete at the curb ramp locations, the Contractor shall check the forms to verify ADA compliance, have each ramp inspected by the Engineer, and receive written approval from the Engineer that the forms are set in compliance with ADA Standards. Ramps poured without written approval, that do not meet Current ADA standards shall be removed and replaced at the Contractors expense, regardless of whether or not they conform to the dimensions shown on the Plans.

Concrete which is not placed such that the finished surface is a flat and uniform plane may result in non-compliance to the ADA standards and shall be removed and replaced at the Contractors expense.

Pedestrian curbs shall be placed where shown on the Plans and where necessary to transition from lowered grade at depressed concrete ramps to the adjacent finished grade. Reference the details on the Plans for pedestrian curb locations and general cross-section.

#### **8-14.3(7) Cold Weather Work**

The following additional requirements for placing concrete shall be in effect from November 1 to April 1:

- The Engineer shall be notified at least 24 hours prior to placement of concrete.
- All concrete placement shall be completed no later than 2:00 p.m. each day.
- Where forms have been placed and the subgrade has been subjected to frost, no concrete shall be placed until the ground is completely thawed. At the time, the forms shall be adjusted and subgrade repaired as determined by the Engineer.

## **8-20 ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, INTELLIGENT TRANSPORTATION SYSTEMS, AND ELECTRICAL**

### **8-20.1 Description**

*Delete this section and replace it with the following:*

This Work consists of furnishing, installing, and field testing all materials and equipment necessary to complete in place, fully functional system(s) of any or all of the following types including modifications to an existing system all in accordance with approved methods, the Plans, the Special Provisions, and these Specifications:

31. Kitsap Way (SR 310) & SR 3 SB Off-Ramp, Traffic Signal System Complete.
32. Kitsap Way (SR 310) & SR 3 NB On/Off-Ramp, Traffic Signal System Complete.
33. Kitsap Way (SR 310) & Oyster Bay Ave S, Traffic Signal System Complete.
34. Kitsap Way (SR 310) Pedestrian Signal, Traffic Signal System Complete.
35. Kitsap Way (SR 310) & Adele Ave, Traffic Signal System Complete.
36. Kitsap Way (SR 310) & Wycoff Ave N, Traffic Signal System Complete.
37. Kitsap Way (SR 310) / 6<sup>th</sup> St & N Callow Ave (SR 310), Traffic Signal System Complete.
38. Warren Ave (SR 303) & Burwell St (SR 304), Traffic Signal System Complete.
39. Warren Ave (SR 303) & 6<sup>th</sup> St, Traffic Signal System Complete.
40. Warren Ave (SR 303) Ave & 11<sup>th</sup> St, Traffic Signal System Complete.
41. Warren Ave (SR 303) & 13<sup>th</sup> St, Traffic Signal System Complete.
42. Warren Ave (SR 303) & 16<sup>th</sup> St, Traffic Signal System Complete.
43. Wheaton Way (SR 303) & Sheridan Rd, Traffic Signal System Complete.
44. Wheaton Way (SR 303) & Sylvan Way, Traffic Signal System Complete.
45. Wheaton Way (SR 303) & E Broad St, Traffic Signal System Complete.
46. Wheaton Way (SR 303) & Hollis St, Traffic Signal System Complete.
47. Wheaton Way (SR 303) & NE Riddell Rd, Traffic Signal System Complete.
48. Wheaton Way (SR 303) & NE Furneys Ln, Traffic Signal System Complete.
49. Kitsap Way (SR 310) & Shorewood, Traffic Signal System Complete.
50. Kitsap Way (SR 310) & Ostrich Bay Ave, Traffic Signal System Complete.
51. Kitsap Way (SR 310) & National Ave, Traffic Signal System Complete.
52. Kitsap Way (SR 310) & 11<sup>th</sup> Ave, Traffic Signal System Complete.
63. Bid Alternate A2, Illumination System Complete.

Unless otherwise noted, the location of signals, controllers, standards, and appurtenances shown in the Plans are approximate, and the exact location will be established by the Engineer in the Field.

### **8-20.1(1) Regulations and Code**

*The fourth paragraph is revised to read:*

Safe-wiring labels required by Labor and Industries shall apply on this Contract.

*Supplement this section with the following:*

All electrical equipment shall conform to the Standards of the National Electrical Manufacturers Association (NEMA). In addition to the requirements of these specifications, all material and work shall conform to the requirements of the National Electric Code: Laws & Regulations for installing electric wires & equipment, of the Department of Labor and Industries, State of Washington; the American Standards Association Materials (ASTM); the American Standards Association (ASA); American National Standards Institute (ANSI); Standard Specifications for Road, Bridge and Municipal Construction (Standard Specifications); Standard Plans for Road, Bridge and Municipal Construction (Standard Plans); and any other City Ordinances or requirements of Puget Power and Light Company which may apply.

Prior to start of work, all necessary licenses, permits and approvals shall be obtained. The Contractor shall comply with all laws, ordinances, rules, orders, and regulations relating to the performance of the work, the protection of adjacent property and the maintenance of all other facilities. The Contractor will be required to comply with all the provisions of these instruments and shall save and hold the City harmless from any damage which may be incurred as a result of the Contractor's failure to comply with all the terms of these permits.

### **8-20.1(3) Permitting and Inspections**

*Supplement this section with the following:*

The Contractor shall obtain electrical permit(s) from Washington State Department of Labor and Industries. Electrical Service inspection(s) will be performed by Labor and Industries. Obtaining the permit, requesting inspections, making corrections, and securing L&I approval is the responsibility of the Contractor.

The City reserves the right to inspect the manufacturing process of all materials. Final inspection and acceptance of the installed materials will not be given until final inspection and testing has been completed on the system. Approval to install materials and equipment must be obtained from the Engineer at the job site before installation.

Appropriate insulation resistance tests shall be performed in accompaniment with the Engineer.

### **8-20.2 Materials**

*Supplement this section with the following:*

#### **General**

All materials for the completion of the Work described herein and in the Plans shall be furnished by the Contractor.

The Engineer reserves the right to inspect the manufacturing process of all materials. Final inspection of the installed materials will not be given until final installation and testing has been completed on the systems. Approval to install materials and equipment must be obtained from the Engineer at the job site before installation.

## **Guarantees**

The supplier shall furnish to the Contracting Agency any guarantee or warranty furnished as a normal trade practice in connection with any equipment supplied for this Contract.

### **8-20.2(1) Equipment List and Drawings**

*Supplement this section with the following:*

Within fifteen (15) days following the date of Notice to Proceed, the Contractor shall submit to the Engineer for approval the complete list of material sources for all signal items to be employed on this contract.

Manufacturer's technical information shall be submitted to the Engineer for approval of all items to be included in the project. All approvals by the Engineer must be received by the Contractor before materials will be allowed at the job site. Material not approved by the Engineer will not be permitted at the job site.

Approval of shop drawings for signal work will require up to thirty (30) calendar days from the date the Engineer receives the drawing until they are returned to the Contractor. The actual time required for approval is dependent upon the completeness and appropriateness of the drawings as submitted.

Any deficiencies will require additional time for approval based on the degree of the deficiency and the additional review time required. If the shop drawings are returned to the Contractor to correct deficiencies, an additional 30 calendar days may be required for the approval process.

If more than 30 calendar days are required for routine approval of shop drawings that are completed and accurate, the Contractor will be granted an extension of time equal to the additional review time.

Supplemental data for pole equipment, foundations, backplates, reflective tape, splice kits, vehicle signal heads, pedestrian signal heads, mounting hardware, pedestrian push button assemblies, junction boxes, conduit, conduit fittings, wiring, and all other associated equipment materials to be used on this project shall be submitted for approval before being incorporated into the work. Quantities and heights shall be indicated and consistent with the Plans.

The Contractor shall submit supplemental data and material shop drawings for all structural items. The shop drawings and structural calculations shall clearly identify the type of equipment to be used and shall be stamped by a registered professional engineer registered. Shop drawings shall conform to the contract Plans.

All material to be reviewed for the illumination and signal systems shall be submitted in a single package.

*Add the following new section:*

### **8-20.2(2) Salvaged Equipment**

All casings, pipe, traffic signal equipment, poles, and other material of recoverable value identified to be salvaged from the project at the City's discretion shall be carefully delivered

to the City of Bremerton Maintenance & Operations Building (100 Oyster Bay Ave N, Bremerton, WA 98312) in their existing condition.

The Contractor shall provide notice to the Engineer a minimum of 3 working days prior to delivery of any salvaged item.

Following removal of items to be salvaged, at City discretion, the Contractor shall protect the items and all component parts from loss or damage until such time as they are delivered by the Contractor to the City of Bremerton Maintenance and Operations Building. The Contractor shall replace lost, damaged, or destroyed items in kind, at the Contractor's expense. The Contractor shall coordinate the receiving of salvaged items by the City. The Contractor shall label any salvaged traffic signal poles, mast arms, and signal/lighting equipment with the City contract number and location from which they were salvaged. Labels shall be removable weatherproof tags that will not damage or mark the salvaged item.

All costs incurred by the Contractor for salvage or removal of existing material shall be included in the associated electrical Bid items.

### **8-20.3 Construction Requirements**

#### **8-20.3(1) General**

*Section 8-20.3(1) is supplemented with the following:*

##### **Operation of Existing Signal Systems:**

It shall be the responsibility of the Contractor to assure the continuous operation of any existing signal systems until activation of the new signal system or as required by the Engineer. This shall include but not be limited to any relocation of poles or equipment required by construction.

In the event that construction requirements necessitate a period of time when the signal system will be non-operational the "down time" must have prior approval of the Engineer. Contractor shall provide traffic control as required by the Bremerton Police Department at any time the signal system is not functioning.

##### **Existing Utilities:**

No new fixture shall be constructed as part of this Contract which is in conflict with any existing Utilities Facility, or the code required thereby, until approved by the Engineer.

*Section 8-20.3(1) is supplemented with the following:*

##### **Existing System Disruption and Restoration**

The Contractor shall use every precaution to ensure that no contract work causes disruptions to the existing systems, except those disruptions that are planned and approved in advance, as defined herein. Existing systems include, but are not limited to, the following:

- A. All Traffic Signal and ITS field devices, such as existing signal equipment, data collection, and detection systems, within the project construction limits.
- B. Fiber optic and TWP data and video communication systems.

## **Planned Disruptions**

Contract work may require disruptions to existing systems, circuits, and equipment. The Contractor shall schedule the work and predetermine the affected system(s), extent, start time, and duration of planned disruptions.

## **Requirements**

Twenty-one calendar days prior to planned disruptions of any existing system, circuit, or equipment, the Contractor shall submit to the Engineer for approval a written Disruption Request. Each Disruption Request shall include the system(s) to be affected, the disruption start date and time, and the estimated duration required. The Contractor shall submit a separate, numbered Disruption Request for each planned disruption. Disruption Request approval or rejection will be returned to the Contractor in writing by the Engineer at least seven calendar days prior to the proposed start of the disruption. The Engineer may reject a requested time or duration and verbally recommend an alternate time or duration agreeable to both the Contractor and the Contracting Agency.

The Contractor shall provide uniformed Police control at any time an intersection is dark or inoperative, such as during controller change-out, cable installation, signal turn-on or cut-over, or similar circumstances. The Contractor shall have all traffic controls (i.e., pavement markings, channelization and signing) in place prior to requesting Engineer's approval for turn-on or cut-over for signalized intersections systems.

## **Restoration Procedure**

Any unplanned disruptions determined by the Engineer to be caused by the actions of the Contractor or the Contractor's representative(s) shall be corrected by the Contractor at no additional cost to the Contracting Agency.

Upon the occurrence of an unplanned disruption and subsequent notification by the Engineer, the Contractor shall immediately stop all other signal work in progress, in accordance with Section 1-08.6, and shall expend all efforts to restore the disrupted system(s) or correct the problem causing the disruption. The Contractor will not be granted an extension of time for delays caused by the repair of disrupted systems.

## **8-20.3(3) Removing and Replacing Improvements**

*Section 8-20.3(3) is supplemented with the following:*

The installation of conduits and associated junction boxes, signal poles, and conductors may require the removal of certain already paved and/or landscaped surfaces. It shall be the responsibility of the Contractor to make such removals as is required for his work and perform temporary patching and maintenance. Permanent repairs will be made by the Contractor in conformance with Section 3-3.5, after all tests have been satisfactorily completed and before acceptance of the work. Removals and repairs performed in the course of signal installation shall be incidental to the lump sum bid for the signal system complete.

Where asphalt concrete paving is included in the contract, all installation of conduits, induction loops, etc., requiring pavement sawing or trenching shall be completed prior to the final overlay.

Pavement patching shall be scheduled to accommodate the demands of traffic and shall be performed as rapidly as possible to provide maximum safety and convenience to public travel.

#### **8-20.3(4) Foundations**

*Section 8-20.3(4) is supplemented with the following:*

Before placing the concrete, the Contractor shall block out around any other underground utilities that may lie in the excavated base to prevent foundation adherence to the utility line. Concrete foundations shall be troweled, brushed, and edged. Exposed anchor bolts and conduits shall be promptly cleaned of any concrete after installation.

Where no sidewalk is planned or exists, the top of the foundation shall be 12 inches above roadway centerline, unless otherwise noted on the Plans.

Signal controller cabinet concrete pad shall have 36" of pad on door side of cabinet and a minimum of 12" on all remaining sides. The sidewalk can be included in the pad size. The door shall not face the street side. The joint between traffic signal cabinet and its foundation shall be sealed using a clear, waterproof, silicone caulk.

Engineer shall approve layout of service, controller cabinet, and door swing orientation for each prior to Contractor building foundation forms.

#### **8-20.3(5) Conduit**

##### **8-20.3(5)A General**

*Section 8-20.3(5)A is supplemented with the following:*

The conduit runs shown in the Plans are schematic, however, they shall be followed as closely as site conditions will allow and may be revised, as directed by the Engineer, to allow for unforeseen obstructions.

Conduits installed under paved Roadway shall be located approximately parallel to the curb line, unless otherwise indicated in the Plans or directed by the Engineer. Conduit to be installed underground across roadways or across driveway shall be Schedule 80 PVC.

Conduit to be installed above ground shall be rigid metal type conforming to Article 346 of the National Electrical Code and must contain an equipment ground conductor with a minimum size of 8 AWG insulated copper.

Conduit installed underground along the edge of the roadway shall be PVC non-metallic conduit Schedule 80 unless otherwise noted in the wiring schedule and must contain an equipment ground conductor with a minimum size 8 AWG insulated copper.

Conduit installed underground outside the driving area of the roadway shall be PVC rigid non-metallic conduit Schedule No. 40 unless otherwise noted in the wiring schedule and must contain an equipment ground conductor with a minimum size 8 AWG insulated copper. All conduit installed underground shall have polyethylene underground hazard marking tape, six (6) inches wide, red, legend "Caution- Electric Line Buried Below," placed approximately twelve (12) inches above the conduit.



Conduits installed for future use shall be prepared as follows: After final assembly in place, the conduit shall be blown clean with compressed air. Then, in the presence of the Engineer, a cleaning mandrel correctly sized for each size of conduit shall be pulled through to ensure that the conduit has not been deformed. As soon as the mandrel has been pulled through, both ends of the conduit shall be sealed with conduit caps. All conduits scheduled for future use shall originate in a foundation or junction box as detailed in the Plans and terminate in a junction box.

Each end of all conduit runs will have matching unique numbered brass or stainless steel tags attached with stainless steel wire or stainless steel tie wraps so they can be read and will not come off easily. Minimum size of tags is 2.5" long by 1" wide, 0.025" thick with rounded edges.

### **Detectable Pull Tape**

For all conduits that do not contain electrical conductors, the Contractor shall add a detectable pull tape in one of the conduits in the same trench. All other spare conduit may utilize non-detectable pull tape.

### **8-20.3(6) Junction Boxes, Cable Vaults, and Pull boxes**

*Section 8-20.3(6) is supplemented with the following:*

The locations of the junction boxes as shown in the Plans are approximate and the exact locations shall be determined in the field. Junction boxes shall be located outside the Traveled Way, wheelchair ramps and landings, and driveways. The new junction box shall not interfere with any other previous or relocated installation. The lid shall also be flush with its frame and with the surrounding area whether it is shoulder, sidewalk, or other surface. When junction boxes are installed within cement concrete areas, the Contractor shall adjust junction boxes to grade prior to pouring the cement concrete.

When junction boxes are installed or adjusted prior to construction of finished grade, pre-molded joint filler for expansion joints may be placed around the junction boxes. The joint filler shall be removed prior to adjustment to finished grade. Adjustments involving raising or lowering the junction boxes shall require conduit modification if the resultant clearance between top of conduit and the junction box lid becomes less than 9-inches as shown in the junction box details in the Plans. Wiring shall be replaced if sufficient slack as specified in Section 8-20.3(8) of the Standard Specifications is not maintained.

The Contractor shall not damage any existing conduits when replacing or excavating existing junction boxes. The Contractor is to maintain the integrity of all junction boxes during reconfiguration of the conduits, installation of new conduits or when excavating.

Prior to the use of any existing junction box, the Contractor shall verify that sufficient bending radius, as defined by the Code, is available both approaching and within the box for the cable being installed. If such is not the case, the Contractor shall notify the Engineer, who shall be the sole judge of whether new conduit bends or a new junction box shall be installed. Damage to the junction boxes, pull boxes, cable vaults and the associated conduit system, or wiring resulting from the Contractor's operations, shall be replaced at no additional cost to the Contracting Agency.

When using an existing junction box, the Contractor shall modify the junction box such that it will be bonded to the grounding system. Junction boxes requiring adjustment within walking areas shall include replacement of non-slip resistant lids with approved slip resistant lids as determined by the Engineer.

Junction boxes will be in sidewalk pours whenever possible. Junction boxes on edge of sidewalk or in planter areas will have a minimum 6" concrete border on all sides.

Conduits terminating in concrete junction boxes shall terminate not less than five inches nor more than half the distance from the lid to the gravel below the lid of the box. Every conduit entering such boxes shall be neatly upswept and contain an equipment ground with a minimum size 8 AWG. The only conduit bends permitted shall be either factory bends or those formed by the use of an approved conduit bending tool employing correctly sized dies. Conduit entering any electrical enclosures shall be positioned to avoid bending or cutting cabinet braces and cross members that are formed as a part of the electrical enclosure or its pedestal. Such bending or cutting is expressly prohibited. All new and existing Junction boxes to have rigid metal 90 degree bend and riser with grounding bushing.

### **8-20.3(7) Messenger Cables, Fittings**

*Section 8-20.3(7) is supplemented with the following:*

Where indicated on plans to raise existing spanwire the Contractor shall meet the following requirements;

- Provide all temporary and new cable attachments and fittings as necessary to transfer span connections to new attachment points,
- Protect existing signal control cables during transfer of span,
- Raise all wire span connection points as necessary to ensure minimum clearance is provided for new signal head arrangements per plan,
- Remove and replace cable ties as necessary to facilitate raising of spans.

## 8-20.3(8) Wiring

Section 8-20.3(8) is supplemented with the following:

### Field Wiring Chart

(March 13, 1995 WSDOT GSP)

501	AC+ Input				516-520 Railroad Preempt				
502	AC- Input				5A1-5D5 Emergency Preempt				
503-510	Control-Display				541-580 Coordination				
511-515	Sign Lights				581-599 Spare				
Movement Number	1	2	3	4	5	6	7	8	9
<u>Vehicle Head</u>									
Red	611	621	631	641	651	661	671	681	691
Yellow	612	622	632	642	652	662	672	682	692
Green	613	623	633	643	653	663	673	683	693
Spare	614	624	634	644	654	664	674	684	694
Spare	615	625	635	645	655	665	675	685	695
AC-	616	626	636	646	656	666	676	686	696
Red Auxiliary	617	627	637	647	657	667	677	687	697
Yellow Auxiliary	618	628	638	648	658	668	678	688	698
Green Auxiliary	619	629	639	649	659	669	679	689	699
<u>Pedestrian Heads &amp; Detections</u>									
Hand	711	721	731	741	751	761	771	781	791
Man	712	722	732	742	752	762	772	782	792
AC-	713	723	733	743	753	763	773	783	793
Detection	714	724	734	744	754	764	774	784	794
Common-Detection	715	725	735	745	755	765	775	785	795
Spare	716	726	736	746	756	766	776	786	796
Spare	717	727	737	747	757	767	777	787	797
Spare	718	728	738	748	758	768	778	788	798
Spare	719	729	739	749	759	769	779	789	799
<u>Detection</u>									
AC+	811	821	831	841	851	861	871	881	891
AC-	812	822	832	842	852	862	872	882	892
Common-Detection	813	823	833	843	853	863	873	883	893
Detection A	814	824	834	844	854	864	874	884	894
Detection B	815	825	835	845	855	865	875	885	895
Loop 1 Out	816	826	836	846	856	866	876	886	896
Loop 1 In	817	827	837	847	857	867	877	887	897
Loop 2 Out	818	828	838	848	858	868	878	888	898
Loop 2 In	819	829	839	849	859	869	879	889	899
<u>Supplemental Detection</u>									
Loop 3 Out	911	921	931	941	951	961	971	981	991
Loop 3 In	912	922	932	942	952	962	972	982	992
Loop 4 Out	913	923	933	943	953	963	973	983	993
Loop 4 In	914	924	934	944	954	964	974	984	994
Loop 5 Out	915	925	935	945	955	965	975	985	995
Loop 5 In	916	926	936	946	956	966	976	986	996
Loop 6 Out	917	927	937	947	957	967	977	987	997
Loop 6 In	918	928	938	948	958	968	978	988	998
Spare	919	929	939	949	959	969	979	989	999

Wiring schedules have been included on the plan sheets to aid the Contractor. If there should be a discrepancy between the wiring schedules and the wiring diagram, the wiring diagram shall govern.

Every end of every conductor at each wire termination, connector or device shall have a PVC wire marking sleeve bearing as the legend the circuit number indicated in the wiring schematic drawings. If the Contractor elects to put in additional spares, spare conductors shall be numbered consistent with the approved schematic wiring diagram as described herein. In addition to the foregoing, where terminal strips also bear the circuit number consistent with the wiring schematic the field wiring terminal in the signal cabinet shall be numbered consistent with the Contract plans.

All cabinet wiring harnesses shall be neat, firm and routed to minimize "crosstalk" and electrical interference. All wiring shall be neatly cabled together and securely fastened to the cabinet or other support structures.

The Contractor shall provide red-lined print of the wiring diagram showing as-built information of the field wiring prior to the acceptance of the job by the City.

No splicing of any traffic signal conductors or detector conductors shall be permitted, including service wires.

Only terminal boards with pressure type binding shall be used in any conductor for signal heads or detectors. The only exception shall be the splice in detector loops at the nearest junction box to the buried pavement induction loop. See Standard Plan J-50.

#### **8-20.3(9) Bonding, Grounding**

*Section 8-20.3(9) is supplemented with the following:*

All existing and new junction boxes containing conductors carrying 120 volts or higher will have the lid and frame bonded to the system ground. The connections to the lid and frame will be made with approved compression type ring terminals. The braid will be of sufficient length so that the lid may be easily removed and placed next to the junction box. It will be routed around all cables so that it does not pass thorough any cable loops. In the case of Type 8 junction boxes, both lids shall be bonded.

#### **8-20.3(10) Service, Transformer, and Intelligent Transportation System (ITS) Cabinets**

*Section 8-20.3(10) is supplemented with the following:*

Cabinets shall include high definition multilayer vandalism resistant film per Section 9-29.3. Contractor shall deliver controller cabinet to City of Bremerton Maintenance & Operations Electronics Division for application of protectant wrap by manufacturer. Contractor is responsible for ensuring all equipment called for application of protectant wrap is delivered to City at same time. Contractor shall not install cabinets in field until protectant wrap application has been completed per manufacturer's specifications. Contractor is responsible for coordinating protectant wrap application with manufacturer.

### **8-20.3(11) Testing**

*Section 8-20.3(11) is supplemented with the following:*

For traffic signal turn-on, City personnel will put the signal into operation. The Contractor shall be present during the turn-on with adequate equipment to repair any deficiencies of signal operation.

All newly installed signal and pedestrian heads and pedestrian pushbuttons shall be fully covered per 9-29.16(4), until such time for the signal turn-on.

#### **FIELD TESTING**

Before the signal system is activated for Traffic Control purposes, the Contractor shall perform all field tests specified in Section 8-20.3 (11) of the Standard Specifications.

When all tests have been completed to the satisfaction of the Engineer, the Engineer shall direct the authorized representative of the Contractor to activate the traffic signal system. Authorized City personnel shall be present to assure proper functioning.

The Contractor shall give the Engineer five (5) days advance notice of the capability of signal system activation

In addition, 48"x48" "Signal Revision Ahead" signs (WSDOT Sign Fabrication Manual W20-903) with two orange flags shall be installed by the Contractor on 4-inch x 4-inch wood posts at locations staked by the City Engineer for each approach leg prior to the Turn-On date. These signs shall be maintained by the installer for 30 days. On the 30th day, the Contractor shall remove all advance warning signs. If the Contractor does not remove the advance warning signs at the appropriate time, the City will remove the signs and maintain ownership of them.

### **8-20.3(13) Illumination Systems**

#### **8-20.3(13)D Sign Lighting**

*Section 8-20.3(13)D is supplemented with the following:*

Internally Illuminated Street Name Signs shall be installed as shown on plans, per City Standard Plans, per Section 9-29.10(2), and per manufacturer's recommendation. Manufacturer approved mounting brackets and safety cables shall be provided by contractor with each sign installation. Spanwire installations shall be two sided for streets with dual approaches, one sided for single approaches (T-Intersection), and include bottom tether cables.

Contractor shall field measure manufacturer shop drawings actual sign dimensions to verify each sign will fit per plan prior to placing order. Contractor shall immediately notify engineer of any discrepancies.

New utility pole mounted Photoelectric units (PEU)s shall be installed utilizing NEC compliant conduit, hardware, and connections to existing service breaker panel.

## **8-20.3(14) Signal Systems**

### **8-20.3(14)A Signal Controllers**

*Section 8-20.3(14)A is supplemented with the following:*

Controller cabinets shall include high definition multilayer vandalism resistant film per Section 9-29.3. Contractor shall deliver controller cabinets to City of Bremerton Maintenance & Operations Electronics Division for application of protectant wrap by manufacturer. Contractor is responsible for ensuring all equipment called for application of protectant wrap is delivered to City at same time. Contractor shall not install cabinets in field until protectant wrap application has been completed per manufacturer's specifications. Contractor is responsible for coordinating protectant wrap application with manufacturer.

### **8-20.3(14)B Signal Heads**

*Section 8-20.3(14)B is supplemented with the following:*

#### Vehicular Signal Heads

All traffic signal heads employed on this project shall be 12-inch heads and shall be consistent with the requirements of Section 9-29 of the Standard Specifications, the State of Washington Standard Plans, and as indicated on the Contract Plans with the exception that all vehicles displays be made up entirely of led and all arrow indications to be 3 row design by the same manufacturer. LED Displays shall be installed in signal heads with a Quick Change Clip Kit (QCK) lens replacement clips per Section 9-29.16(2)B. Each signal head shall have 3/16" drain hole.

Polycarbonate traffic signal heads, visors or lenses are not acceptable.

Masking of optically programmed signal heads shall take place just before "turn-on" and after all field adjustments have been made. After masking, no further head position adjustments shall be made without the approval of the Engineer. Any final adjustments required shall be made in the Engineer's presence.

Mounting of traffic signal heads shall conform to 9-29 Standard Specifications for mast arm and span wire mounted signals. The heads shall be adjusted in the field, such that a person standing on the pavement, a distance four times the speed limit in feet from the stop bar, shall see the brightest image of the red section. All heads shall be plumbed as viewed from the direction in which they face. Leveling of all signal heads shall be by reference to the red signal sections.

Where called for on plans, cablebanded clamp kits with support tubes for plumbizer M mounts, shall be per Section 9-29.17. Mast arm mounts shall use six (6) inch support tube and pole mounts shall use twelve (12) inch support tube.

Traffic signal heads shall be furnished with back plates as shown on the Plans. Back plates shall conform to Section 9-29 of the Standard Specifications.

### Pedestrian Signal Heads

New or replaced pedestrian signal heads shall be wired using a 5C signal cable from the signal cabinet directly to display housing terminal strip per 9-29.20 unless otherwise noted on plans. For replaced signal heads, if existing 5C is too short, the Contractor shall replace with new 5C and dispose of existing cable.

Pedestrian Push Button control unit per 9-29.19 shall be mounted in Pedestrian signal housing and wired to terminal strip per manufacturers recommendation and detail on plans. Contractor shall use 6C 18 AWG stranded cable from the pedestrian signal housing to the pedestrian button. Contractor shall remove existing 2CS cable to existing pedestrian pushbuttons when replaced with 6C from pedestrian signal housing.

### **8-20.3(14)E Signal Standards**

*Section 8-20.3(14)E is supplemented with the following:*

Terminal Compartments shall be installed per WSDOT Standard plan and Size A per Section 9-29.25 where indicated in plans. Contractor shall terminate all existing and proposed vehicle signal cables from controller cabinet in terminal compartment. Contractor shall install new signal cables as needed to ensure each vehicle signal head is individually wired directly from terminal compartment.

### **8-20.3(17) As-Built Plans**

*Section 8-20.3(17) is supplemented with the following:*

The Contractor shall keep current "pencil redline" as-built Record Drawings for any Traffic Signal and Radar detection installation and/or modification. As-built Record Drawings shall be available to the Engineer upon request and must be submitted to the Engineer.

### **8-20.4 Measurement**

*Section 8-20.3(4) is supplemented with the following:*

Each intersection will be measured lump sum as follows:

\_\_\_\_\_, Traffic Signal System Complete.

Bid Alternate A2, Illumination System Complete Bid Item will be measured lump sum for the project.

## 8-20.5 Payment

*Section 8-20.3(5) is supplemented with the following:*

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

“\_\_\_\_\_, Traffic Signal System Complete”, lump sum

“Bid Alternate A2, Illumination System Complete,” lump sum

The lump sum Contract price for “Kitsap Way (SR 310) & SR 3 SB Off – Ramp, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Wiring existing conduit, and
- Raise span wire connection points.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Kitsap Way (SR 310) & SR 3 NB On/Off – Ramp, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove existing signal head and mounting hardware,
- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.



The lump sum Contract price for “Kitsap Way (SR 310) & Oyster Bay Ave S, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Replace pedestrian signal head housing and mounting hardware,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s), and
- Wiring existing conduit.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for 37. “Kitsap Way (SR 310) Pedestrian Signal, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove existing signal head and mounting hardware,
- Adjust signal head,
- Install new signal head(s) and mounting hardware, and
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Kitsap Way (SR 310) & Adele Ave, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2" wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Replace pedestrian signal head housing and mounting hardware,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s), and
- Wiring existing conduit.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for "Kitsap Way (SR 310) & Wycoff Ave N, Traffic Signal System Complete", shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2" wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection, and
- Wiring existing conduit.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for "Kitsap Way (SR 310) / 6th St & N Callow Ave (SR 310), Traffic Signal System Complete", shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2" wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell, and
- Wiring existing conduit.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Warren Ave (SR (303) & Burwell St (SR 304), Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Install new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Install terminal compartments,
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Warren Ave (SR 303) & 6th St, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Replace pedestrian signal head housing and mounting hardware,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Install new signal head(s) and mounting hardware,
- Install terminal compartments,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell,
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Warren Ave (SR 303) Ave & 11th St, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Install new signal head(s) and mounting hardware,
- Replace signal indication,
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Warren Ave (SR 303) & 13th St, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border, and
- Install new signal head(s) and mounting hardware.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Warren Ave (SR 303) & 16th St, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Install new signal head(s) and mounting hardware,
- Remove and replace existing signal head(s) on existing mounting,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell,

- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & Sheridan Rd, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Internally illuminated street names signs and mounting,
- Install new circuit breaker(s),
- Install photocell,
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & Sylvan Way, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Install terminal compartments,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell,
- Wiring existing conduits,
- Rewiring field and cabinet signal control terminations per phasing diagram on plan, and
- Relocating existing radar detection sensors.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & E Broad St, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit,

wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following

- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Wiring existing conduits.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & Hollis St, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware,
- Install terminal compartments,
- Install pedestrian signal heads,
- Install accessible pedestrian push buttons,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell, and
- Wiring existing conduit.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & NE Riddell Rd, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Remove existing signal head and mounting hardware,
- Install new signal head(s) and mounting hardware,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Wheaton Way (SR 303) & NE Furneys Ln, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and replace existing signal head(s) on existing mounting,
- Install new signal head(s) and mounting hardware.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Kitsap Way (SR 310) & Shorewood, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove existing PS poles,
- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace existing signal head(s) on existing mounting,
- Install Type 1 pole assembly on existing foundation,
- Reinstall PS pole assembly on new foundation,
- Install new signal head(s) and mounting hardware,
- Replace pedestrian signal head housing and mounting hardware,
- New pedestrian signal heads,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- New ADA accessible pedestrian push buttons,
- Type 1 jbox,
- Type 2 jbox,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Wiring existing conduit,
- New PVC conduit and wiring, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Kitsap Way (SR 310) & Ostrich Bay Ave, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying

existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Install new signal head(s) and mounting hardware,
- Replace signal indication,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Wiring existing conduit, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Kitsap Way (SR 310) & National Ave, Traffic Signal System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace signal head(s) on existing mounting,
- Replace existing pedestrian push buttons with ADA accessible pedestrian push buttons,
- Install new signal head(s) and mounting hardware,
- New ADA accessible pedestrian push buttons,
- Type 1 pole assembly on new foundation,
- Pedestrian push button post on new foundation,
- Type 1 jbox,
- Type 8 jbox,
- Replace pedestrian signal head housing and mounting hardware,
- New pedestrian signal heads,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection,
- Internally illuminated street names signs and mounting,
- Install circuit breaker(s),
- Install photocell,
- Wiring existing conduit,
- New PVC conduit and wiring, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.



The lump sum Contract price for “Kitsap Way (SR 310) & 11th St, Traffic Signal System Complete” shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Remove existing controller cabinet
- Remove existing pedestrian push button post
- Remove and dispose of existing backplate, replace with new aluminum louvered backplate with manufacturer installed 2” wide retroreflective tape border,
- Remove and replace signal head(s) on existing mounting,
- Install controller cabinet and power service cabinet and combined foundation,
- Intercept existing signal pole luminaire and street lighting circuits and transfer to new power service,
- Install new signal head(s) and mounting hardware,
- Install terminal compartments,
- Relocate existing pedestrian push buttons to new pole,
- Pedestrian push button post on new foundation,
- Install EVP detector/indicator light,
- Type 8 jbox,
- Install WAVETRONIX SMARTSENSOR Vehicle Detection,
- Internally illuminated street names signs and mounting,
- Splice new and existing SIC cable, run SIC cable to new cabinet and terminate in new cabinet,
- Install power service riser,
- Wiring existing conduit,
- New PVC conduit and wiring, and
- Rewiring field and cabinet signal control terminations per phasing diagram on plan.

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

The lump sum Contract price for “Bid Alternate A2, Illumination System Complete”, shall be full pay for the construction of the complete electrical system, modifying existing signal system, or both, including sign lighting systems, as described above and as shown in the Plans, and herein specified, including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, removals, disposals, salvaging existing materials, and for making all required tests. All additional materials and labor, not shown in the Plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum Contract price, including and not limited to the following:

- Internally illuminated street names signs and mounting, and
- Wiring existing conduit

As-built records, permitting, testing, display notes, and signal modification notes as provided on the plans are considered incidental to the lump sum Contract price.

## **8-21 PERMANENT SIGNING**

### **8-21.3 Construction Requirements**

*Add the following new Section:*

#### **8-21.3(13) Temporary Signage for Traffic Revisions**

Ten (10) Temporary "Traffic Revision Ahead" (W20-901) signs with two orange high visibility warning flags each shall be installed by Contractor in key locations within the public right-of-way as directed by the engineer. Warning signs shall be mounted on 4"x 4" wooden posts and placed per WSDOT Standard Detail and MUTCD requirements.

A 12-inch x 12-inch temporary warning placard shall be affixed to the top of each vehicle signal head per detail shown on plans where phasing or signal operations are revised.

The Contractor shall remove all temporary signs and posts no earlier than 3 months and no later than 6 months following completion of the traffic revisions. Posthole voids shall be restored with native material.

### **8-21.5 Payment**

*Section 8-21.5 is supplemented with the following:*

"Permanent Signing: Street Name Signs", lump sum.

All costs in connection with providing street name signs, brackets, conduit, conductors, furnishings, equipment, and additional materials required to install the street name signs for the side street approaches at the following intersections shall be included in the lump sum Contract price for Permanent Signing: Street Name Signs:

- Kitsap Way (SR-310) & Oyster Bay Ave S
- Kitsap Way (SR-310) & Adele Ave
- Kitsap Way (SR-310) / 6th St & N Callow Ave (SR-310)
- Warren Ave (SR 303) & 6th St
- Warren Ave (SR 303) & 16th St
- Wheaton Way (SR 303) & Sheridan Rd
- Wheaton Way (SR 303) & Sylvan Rd
- Wheaton Way (SR 303) & E Broad St
- Wheaton Way (SR 303) & Hollis St
- Wheaton Way (SR 303) & NE Riddell Rd
- Kitsap Way (SR-310) & Shorewood Dr
- Kitsap Way (SR-310) & Ostrich bay Ave
- Kitsap Way (SR-310) & National
- Kitsap Way (SR-310) & 11th St

"Permanent Signing", lump sum

The lump sum cost in the Proposal shall be full compensation for all labor, tools, equipment, and materials necessary or incidental to removing and disposing of existing signs, removing the existing signing as needed to accommodate construction activities, temporarily reinstalling signs,

permanently reinstalling signs on new posts using new hardware, and providing and installing new signs as specified on the Plans in conformance with City of Bremerton Standard Drawings.

## **8-22 PAVEMENT MARKING**

### **8-22.2 Materials**

*Section 8-22.2 is supplemented with the following:*

Plastic pavement marking shall conform to the following types:

<u>Item</u>	<u>Material</u>
Lines, Traffic Arrows and Letters	Plastic, Type A or B
Bicycle Lane Symbols & Arrows, Shared Lane Marking	Plastic Type B
Green Bike Lane	Plastic Type B

### **8-22.4 Measurement**

*Section 8-22.4 is supplemented with the following:*

“Plastic Shared Lane Marking” will be measured per each marking installed.

“Green Bike Lane” will be measured per square foot of marking installed. No measurement will be made for unmarked areas in bike lane conflict zones.

### **8-22.5 Payment**

*Section 8-22.5 is supplemented with the following:*

“Plastic Shared Lane Marking”, per each.

“Green Bike Lane”, per square foot.

The unit Contract price for Green Bike Lane shall be full payment for all costs to perform the Work as described in Section 8-22.

Costs for the Work required for preliminary layout of permanent pavement markings are incidental to the various pavement marking Bid Items, and no separate payment will be made.

No additional payment will be made for the required second application of paint. No additional payment will be made for additional applications required to meet thickness requirements for plastic markings.

## **END OF DIVISION 8**

## DIVISION 9 MATERIALS

### 9-06 STRUCTURAL STEEL AND RELATED MATERIALS

#### 9-06.16 Roadside Sign Structures

*Section 9-06.16 is supplemented with the following:  
(January 3, 2011 WSDOT GSP)*

##### **Perforated Steel Square Sign Post System**

Where noted in the Plans, steel sign post systems shall be square, pre-punched galvanized steel tubing, that are NCHRP 350 Test Level 3 Certified and FHWA approved. The steel sign post system shall include all anchor sleeves, and other hardware required for a complete sign installation.

##### **System Acceptance**

Systems listed in the current QPL will be accepted per the QPL approval code. Systems not listed in the QPL will be accepted based on a Supplier's Certificate of Compliance. The Supplier's Certificate of Compliance will be a contract specific letter from the supplier stating the system is NCHRP 350 Test Level 3 compliant.

### 9-14 EROSION CONTROL AND ROADSIDE PLANTING

#### 9-14.1(1) Topsoil Type A

*Supplement this section with the following:*

Topsoil Type A shall be a mixture of 50% pure compost, and 50% sand, sandy loam, or silty sand. The compost shall be fully composted and mature organic materials. No fresh sawdust or other fresh wood by-products shall be added to extend the volume after the composting process.

Chemical/physical characteristics shall comply with the following:

Screen Size (approx. Particle size)	7/16" maximum
Total Nitrogen	.25% minimum
Organic Matter	10% minimum
pH Range	5.5-7.5
Conductivity	5 mmhos/cm maximum

Compost shall be 98% minimum material derived from the aerobic decomposition of recycle plant waste and/or secondary sewage treatment. It shall be free of viable weeds and other plant propagules and shall have a moisture content that has no visible free water or dust produced when handling the material.

## **9-29 ILLUMINATION, SIGNALS, ELECTRICAL**

### **9-29.2 Junction Boxes, Cable Vaults, and Pull Boxes**

*Section 9-29.2 is supplemented with the following:  
(September 3, 2019 WSDOT GSP)*

#### **Slip-Resistant Surfacing for Junction Boxes, Cable Vaults, and Pull Boxes**

Where slip-resistant junction boxes, cable vaults, or pull boxes are required, each box or vault shall have slip-resistant surfacing material applied to the steel lid and frame of the box or vault. Where the exposed portion of the frame is ½ inch wide or less, slip-resistant surfacing material may be omitted from that portion of the frame.

Slip-resistant surfacing material shall be identified with a permanent marking on the underside of each box or vault lid where it is applied. The permanent marking shall be formed with a mild steel weld bead, with a line thickness of at least 1/8 inch. The marking shall include a two character identification code for the type of material used and the year of manufacture or application. The following materials are approved for application as slip-resistant material, and shall use the associated identification codes:

1. Harsco Industrial IKG, Mebac #1 - Steel: **M1**
2. W. S. Molnar Co., SlipNOT Grade 3 – Coarse: **S3**
3. Thermion, SafTrax TH604 Grade #1 – Coarse: **T1**

### **9-29.3 Fiber Optic Cable, Electrical Conductors, and Cable**

#### **9-29.3(2) Electrical Conductors and Cable**

##### **9-29.3(2)A Single Conductor**

##### **9-29.3(2)A3 Equipment Grounding and Bonding Conductors**

*Section 9-29.3(2)A3 is supplemented with the following:*

Equipment grounding and bonding jumper conductors shall be green insulated, stranded copper, XHHW or equivalent coated.

### **9-29.6 Light and Signal Standards**

*Section 9-29.6 is supplemented with the following:*

#### **Traffic Signal Standards**

Traffic signal standards shall be furnished and installed in accordance with the methods and materials noted in the City of Bremerton Engineering & Design Standards Sections 8-210, 8-210.1, 8-210.2, 8-210.3, 8-210.4, and 8-210.5 and in the applicable Standard Plans, pre-approved plans, or special design plans.

All welds shall comply with the latest AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. Welding inspection shall comply with Section 6-03.3(25)A Welding Inspection.

Hardened washers shall be used with all signal arm connecting bolts instead of lockwashers. All signal arm ASTM F 3125 Grade A325 connecting bolts tightening shall comply with Section 6-03.3(33).

Traffic signal standard types, applicable characteristics, and foundation types are as follows:

### **Type PPB**

Pedestrian push button posts shall conform to Standard Plan J-20.10 or to one of the following pre-approved plans:

<b>Fabricator</b>	<b>Pre-Approved Drawing No.</b>
Valmont Ind., Inc.	DB01165 Rev. B (4 sheets)
Ameron Pole Products Division	WA15TR10-1 Rev. C (1 sheet) and WA15TR10-3 Rev. B (1 sheet)
Millerbend Manufacturing, Co.	74514-WA-PED-PPB Rev H (2 sheets)

Foundations shall be as noted in Standard Plan J-20.10

### **Type PS, Type I, Type RM, and Type FB**

Type PS pedestrian signal standards, Type I vehicle signal standards, Type RM ramp meter signal standards, and Type FB flashing beacon standards shall conform to Standard Plan J-20.16, J-21.15, J-21.16, and J-22.15 respectively, or to one of the following pre-approved plans:

<b>Fabricator</b>	<b>Pre-Approved Drawing No.</b>
Valmont Ind., Inc.	DB01165 Rev. B (4 sheets)
Ameron Pole Products Division	WA15TR10-1 Rev. C (1 sheet) and WA15TR10-2 Rev. C (1 sheet)
Millerbend Manufacturing, Co.	74514-WA-PED-FB Rev. H (2 sheets)
Millerbend Manufacturing Co.	74514-WA-PED-SB Rev. H (2 sheets)

Foundations shall be as noted in Standard Plan J-21.10.

All signal standards shall have a recessed terminal compartment as shown in the plans and as described here. Recessed terminal compartment shall consist of a 8" x 30" x 1/2" x 4" steel reinforcing frame with a 3/8" back plate. All steel shall conform to ASTM A572 Gr 50. The frame shall be welded to the pole shaft wall with a complete joint penetration groove weld as show in the plans. The recessed terminal compartment door shall be 16 gage stainless steel with a 22" long hinge welded to the door. The hinge shall be attached to the frame with six 10-32 x 1" Stainless Steel bolts. The door shall have a neoprene gasket to insure a water tight fit. The door shall have a best brand slam lock with a blue core. The recessed terminal compartment shall have two 602-24 marathon terminal strips. Terminal strips and door shall be installed by the manufacture before delivery of the signal standards to insure a snug tight fit on the door.

### **9-29.13 Control Cabinet Assemblies**

*Section 9-29.13 is supplemented with the following:*

#### **TRAFFIC SIGNAL CONTROLLER, SOFTWARE, AUXILIARY EQUIPMENT, CONTROLLER CABINET ASSEMBLY, AND OTHER MISCELLANEOUS RELATED EQUIPMENT PER CITY OF BREMERTON STANDARD SPECIFICATIONS.**

**8-Phase Signal Controller/Nema:** The controller shall be an Econolite Cobalt controller with advanced display, FSK Module, and Data Key. The units shall be constructed and shall operate in accordance with NEMA Publication No. TS1-1976 and Section 9.29 of the Standard Specifications. The supplier shall submit documentation with his bid detailing the brand and model number of the signal controllers proposed to be furnished for this project. The documentation shall include catalog cuts and operation details. The City reserves the right to reject any and all equipment that does not meet these specifications. All controllers shall be compatible with the Econolite Centrac and Aries software.

Controllers and cabinets shall be equipped to operate to the full capacity of eight vehicle phases, four pedestrian phases and four overlaps with no additional equipment or major modifications and shall be capable of operating as a fully actuated, semi-actuated, or pre-timed unit. Each unit shall be delivered pre-set to operate in conformance with the phase diagram, sequence charts, and Table I for each location which are a part of these Specifications.

Two sets of controller/board schematics shall be included with the operations and programming documentation.

All cabinet and control equipment shall be designed to operate under the following conditions.

1. An ambient temperature range of -30F to +165F.
2. A relative humidity range of 5%-95% (without condensation).
3. A voltage range of 95 to 135 VAC RMS with a corresponding frequency ranges of 57-67 Hz.

The design life of all components shall not be less than five years of continuous 24-hour a day operation.

All external connections to the signal controller unit shall be made to terminals provided on the back panel. High pressure terminals shall be provided for field signal and primary power connections. Screw terminals shall be provided for all other connections.

## **CABINET AND AUXILIARY EQUIPMENT**

**General:** All necessary equipment for the full capacity of the Controller and all auxiliary control equipment as specified in Section 9-29.13 (10)A of the Standard Specifications shall be furnished and installed in each traffic signal controller cabinet, except as modified or amended herein. Also required to provide interconnect capabilities, twisted pair, fiber, radio.

All equipment shall employ solid state circuitry including the flash transfer relay assembly and shall be commensurate with the quality of the controller specified herein.

Signal cabinet lights shall be an approved LED type only.

**Multifunction Management Unit (MMU):** The MMU shall be a self-contained solid state device, external to the control, capable of detecting conflicting signal displays, displaying all field voltages at the same time on an OLED display, improper power supply voltages from the controller, and lack of any red yellow or green indications. The unit shall meet the current NEMA TS2-2003 and TS1-1989 requirements for a Type 16L conflict monitor and these special provisions. The MMU will have an organic LED display, an SLDC and an Ethernet port on the front panel for connectivity. The unit shall monitor the green, amber, walks, short yellow intervals and the absence of red indications, as well as being programmable to monitor all conflicting phases' overlaps, and disable short yellow with a universal program board. All monitoring shall be on the field wiring terminals of the cabinet. When the monitor is triggered as a result of sensing conflicting displays, it shall place the intersection in emergency flash, stop time the controller, store and display on the front panel. The front panel display shall have separate indicators for red, yellow, green, and walk for each channel. The monitor shall retain this operation until reset by a front panel push-button, at which time the controller shall immediately take command of the signal displays.

The MMU shall also record the time and date of any incidents at the intersection. This information shall be viewable by a front panel display.

To prevent actuation of MMU due to the removal of electrical loads from monitored circuits, paralleling loads to lamp loads will be required. Those load switches serving single signal heads shall have five watt loads between signal circuit and neutral for the yellow, green, and walk circuit segments only. These loads shall serve to parallel the lamp load and shall prevent the conflict monitor from functioning in the event of a signal lamp burnout.

If additional protection is required, either in the form of increased loads (not to exceed 10 watts) per monitored circuit, or through other means, to assure proper function without malfunction of the conflict monitors, such shall be provided.

**Load Switches:** Load switches shall be specified per NEMA TS2 part 5 and these Special Provisions. The load switches shall operate in a temperature range of -20 F to 165 F and have an individual switch capability of 1,000 watts tungsten lamp load. Only optically



isolated load switches will be allowed. Each load switch shall be provided with LED indicators on the input and output of each circuit.

**Cabinet Fan Assembly:** The cabinets shall be equipped with an electric fan assembly with a minimum capacity of 100 cubic feet per minute. The fan shall be mounted on the top of the cabinet in a manner to prevent rain from entering the cabinet. Each cabinet shall be provided with louvered filtered vents in the front door. The fan shall be thermostatically controlled and shall be manually adjustable to turn on between 90 degrees and 150 degrees Fahrenheit. The cabinet fan circuit shall be fused at 125 percent of capacity of the fan motor.

**Load Bay:** A load bay and controller interface panel shall be provided with 16 load switch positions. Each load switch output shall be wired to fused field terminals providing for 8 vehicles, 4 pedestrian and 4 overlap movements. Fused terminals shall be provided with 5amp fuses. Both the front and back of the load bay shall be labeled with all terminal/pin numbers. Four additional fuses shall be provided. The emergency vehicle light circuits shall also be fused independently for 5 amps.

A jumper plug system utilizing Molex connectors shall be installed on the load bay that will facilitate the simple programming of the flashing indications. This shall apply to all vehicle signal indications. Changing the flash from red to yellow shall not require major disassembly or rewiring of the cabinet. Cabinet will be programed for all red flash and 4 spare Molex connectors for yellow flash.

The terminal blocks provided shall be two-position, twelve-pole barrier type or single-position, feed-through type. Terminal blocks shall be so arranged that they shall not upset the entrance, routing, and connection of incoming field conductors. All terminals shall be suitably identified and shall be permanently associated with the terminal block. No more than three (3) conductors shall be brought to any one (1) terminal screw. No electrically live parts shall extend beyond the protection afforded by the barrier. Terminal blocks used for field wiring connections (field terminals) shall be capable of securing conductors with 6-32 or larger, nickel, or cadmium-plated brass binder head screws.

Terminal blocks used for the applied AC power shall be capable of securing conductors with a 10-32, or larger, nickel or cadmium-plated brass binder head screws. There shall be twelve-position field terminal blocks for the connection of loop detectors. A minimum of 12 spare terminals shall be provided.

Two equipment grounding buss shall be provided in each cabinet. The ground buss shall be grounded in the cabinet and shall provide at least fourteen (14) terminals each. Ground buss will be located one on each side of the cabinet.

All number identifications for the terminal blocks shall be silk screened or engraved on the terminal block board.

**Power Panel:**

The cabinets shall have a power distribution panel containing the following elements:

- a. 50-amp radio interference suppressor
- b. 20-amp main circuit breaker

- c. 20-amp auxiliary circuit breaker
- d. Solid state flash transfer relay
- e. Neutral buss bars isolated from the cabinet
- f. Transient voltage protector
- g. Cover
- h. 20-amp Video circuit breaker
- i. 15-amp Equip. circuit breaker

The solid-state flash transfer relay shall normally be closed and capable of switching 75 amps, 120 volts AC. The two neutral buss terminals shall be easily accessible and provided with at least 14 terminals, and shall not be grounded to the cabinet. Two neutral buss bars on each side of the cabinet. An additional AC neutral buss with twenty (20) positions shall also be provided.

**Transient Protection:** The transient voltage protectors shall be installed to protect all electrical components within the cabinet from voltage abnormalities of less than one-half cycle duration. The protectors shall be solid state, high-energy circuit, containing no spark gap, gas tube or bar component. Normal service capacity shall be not less than 15 amperes. The protection provided shall be a transient suppression of 200 volts peak, a transient response of less than five (5) nanoseconds, a power dissipation of 10,000 watts. The protector shall function with 10 x 1000 microsecond wave from clamping no greater than 200-volt peak.

**Police Flash:** Two Flash-Automatic switches shall be supplied. One switch shall be located behind the Police panel door.

When this switch is turned to FLASH position, the signals shall immediately revert to flash; and stop-timing will be applied to the Controller. When the switch is placed on AUTOMATIC, the signals shall continue to flash for an additional eight-second flash period. At the completion of the continued eight-second flash period, unless otherwise specified, the Controller shall immediately resume normal startup operations.

**Auxiliary Panels:** The second Flash-Automatic switch shall be placed on the Maintenance Panel. When this switch is placed on the FLASH position the signals shall immediately revert to flash; however, the Controller shall continue to function. When the flash automatic switch is placed in the Automatic position, the Controller shall immediately resume in normal startup operations.

The controller on/off switch shall be a two (2) position toggle switch labeled "Controller On/Off." In the ON position, the controller shall run normally. When placed in the OFF position, AC+ power shall be removed from the controller and flash power AC+ shall be applied to the flash transfer relays, causing the signals to go on flash. When placed from the OFF to the ON position, the controller shall sequence through power up. The Controller power switch shall be electrical interconnected with the inside AUTO-FLASH switch such that the Controller power switch will only remove power from the Controller when the inside AUTO-FLASH switch is in the FLASH position.

The rest green/red switch shall be labeled "Rest Green/Red." In the rest green position, the controller with a lack of calls shall rest in the last phase green. Within the rest red position and with a lack of call, "Call-A-Way" shall be applied, and the signals shall display all red.

The stop time switch shall be a three-position switch labeled ON FLASH-OFF-ON. When the switch is in the ON FLASH position, the controller will sequence automatically; when the switch is in the ON position stop time will be applied; and when in the OFF position stop time shall be removed from the controller. Labels for all switches shall be applied via a silk screen or engraving process.

**Detectors:** The cabinet mounted equipment shall consist of 2-8 position card racks, 2 channel detector modules, and wired for 2 channel operation. Switches with separate operate, test, and OFF positions shall be provided for each field detector input circuit as a plug-in card module in the vehicle detector racks. A display LED indicator lamp will be provided for each switch and will illuminate upon vehicle, pedestrian or test-switch actuation. The test-switch shall provide a spring-loaded momentary contact that will place a call into the controller. When in the OFF position, respective detector circuits will be disconnected. In the operate position, each respective detector circuit shall operate normally.

Each detector unit will be model C-1200 series and shall include two complete detector channels, detector switch panels will be model SP301 manufactured by Reno A&E or most current models and 24-volt power supplies.

The detector module shall incorporate LED display, minimum eight sensitivity settings. The system shall be capable of operating in four modes: Presence, Extended Presence, Pulse, and Inhibited Pulse.

All such units shall be rack mounted in the controller cabinet. Rack shall be wired to accommodate two (2) channel Detector Units.

Each channel shall sequentially energize its loop inputs to eliminate crosstalk (mutual coupling) between large, very closely spaced adjacent loops connected to the same unit. The sequential time sharing and digital processing of loop inductance data shall be accomplished on a single LSI micro-circuit per unit for maximum reliability. The method of measurement shall be crystal reference digital period counting, multi-channel scanning. Only one channel input per unit shall be active at any point in time.

**Emergency Vehicle Pre-Emptions:** Controller cabinet will be wired for discriminator modules. If the units are not compatible with the optical emitters presently mounted in the Fire Station vehicles and Transit agency vehicles, either the units shall be adequately modified, or auxiliary equipment supplied and interconnected such that they are compatible.

All such units shall be rack mounted in the controller cabinet. Rack shall be wired to accommodate one four (4) channel unit of the newest version manufactured by 3M Opticom. No daughter board units will be allowed.

Discriminator modules shall supply power to and received input from the detectors. Each module shall incorporate connections for four optical detectors, one for each channel. Have an auxiliary board to facilitate advance detectors. When valid detector signals are recognized by the module, they shall provide an output to the controller through an optically isolated NPN transistor.

The discriminator module shall incorporate the following features:

1. Four channels
2. Two priority levels. Priority I vehicles shall produce a 6.25 Hz output, while higher Priority II vehicles shall produce a steady ON condition. Priority demand shall be provided on a first come, first served basis. At all times, Priority II vehicles shall have precedence over Priority I vehicles when both are active.
3. Capability for assigning one of the two priority levels to traffic movement on any of the four channels.

All pre-emption equipment shall be completely wired together and interfaced with the controller to provide a properly functioning system.

**Display Panel:** A display panel showing signal indications shall be included. The intersection panel shall depict the general intersection layout, street name, phase and overlap identification, and north arrow.

Appropriately colored, LED indicator lamps for each red, amber, flashing amber arrow, green, walk and don't walk, for every phase and overlap, shall be provided. The locations of the display lamps on the panel shall simulate the field locations of associated signal displays. The intersection display LEDs shall be wired to appropriate field wire terminals. The panel shall be located on the inner side of the door. Switches shall be provided on the panel with labels and functions as follows:

- a. Test -All signal indicator LEDs shall be energized.

The display panel shall include an approved means of disconnecting all wiring entering the panel.

All display LEDs shall turn off when the cabinet door is closed by a door switch or automatically extinguish after a 15-20 minute period of non-use.

**Installation:** All wiring harnesses, brackets and other devices necessary to mount the equipment in the controller cabinet and to make all electrical and mechanical connections shall also be supplied, installed and connected.

All rack equipment to be installed in the controller cabinet shall be securely mounted and readily accessible. All wiring shall be neatly cabled together and securely fastened to the cabinet or other support structures.

**Documentation:** Included with the cabinet wiring diagrams shall be schematic diagrams for load switch bay circuit back panel, all detector amplifiers, MMU, flashers, load switches, auxiliary control panels and pre-emption circuits.

All diagrams shall contain a parts listing unless the part number is shown on the parts. Parts that are not common items available in stores shall have the vendor's name and address listed within the parts listing for said part. Three sets of blueprints shall be provided.

One compact disk with an AutoCAD compatible drawing file and in a PDF format and DWG (if available) of the as-built cabinet wiring diagram and component wiring diagram shall be furnished with each cabinet. Each cabinet shall be equipped with a plastic envelope to house one or more cabinet wiring diagrams. The cabinet wiring diagram shall indicate and identify all wire terminations; all plug connectors and the locations of all equipment in the cabinet. Included in the diagram shall be an intersection sketch identifying all heads, detectors, and push buttons; and a signal sequence chart.

**Communications:** The communications ports on the controller will be the controller manufactures FSK telemetry unit, data key, Ethernet port with the most current version of software.

The unit shall be configured for four wire, multi drop, operation and lightning arresters shall be provided at the field connection point for the four wire interconnect.

**Extra Components:** The Supplier shall submit with his bid proposal a list of spare parts he recommends the City stock for maintenance of these intersections. The list shall include a current price list with any discount that may apply. Prices included on this list shall not be used in determining award of the bid. The list shall include, but not be limited to, the following:

1. Module circuit boards
2. Indicator lamps where applicable
3. Solid state flasher
4. Malfunction Management Unit
5. Solid state load switches
6. Four / Two channel loop detector amplifiers

No spare parts are to be supplied with this bid proposal.

## **TESTING OF TRAFFIC CONTROLLER:**

The Contractor shall deliver the traffic signal controller mechanism and signal controller cabinets involved in this contract for bench testing to the Electronics Department, City of Bremerton. The Contractor shall totally assemble all control mechanisms and connect signal load terminals to lamps simulating the traffic signal displays to be constructed over the roadways. The Contractor shall then demonstrate the total functions of all equipment required by the contract. The demonstration shall evidence all signal displays, overlapped displays, pre-emption sequences, etc., as required within this contract, flashing displays, other special sequence displays as may be defined within this contract, vehicle detector function and minimum and maximum timing performance of every timing element required by this contract. The test demonstration shall first be conducted at normal design voltage of the equipment and thereafter repeated at +15% and - 15% of that design voltage.

Every module or device, i.e., synchronization units, special sequence units, flash relay assembly, special timers, etc., shall have affixed thereto name tags or name plates stating the component's function within the composite signal device.

The Contractor shall notify the Engineer five (5) working days in advance of the functional demonstration, and shall make available to the Engineer before the start of functional demonstration four (4) complete sets of the following diagrams, manuals and any other technical data necessary for use by City personnel who will witness the functional demonstration:

1. Wiring diagram for composite system.
2. Service manuals for all composite parts.
3. If electronic logic external to controller mechanisms is used to obtain signal functions, logic diagrams identifying all gating and Switching performed by the logic components shall be provided.

Satisfactory performance of all functions required by the foregoing demonstration shall be considered at the start of a ten-day evaluation test period. If malfunction of any component occurs within the ten-day evaluation test period the test shall stop at the time of component malfunction and shall not resume until the Contractor has caused the defective component to be repaired or replaced, as directed by the Engineer. If any component malfunctions or breaks down within the last 72 hours of the test period, the test shall stop until the defective component has been repaired or replaced, and the test shall be resumed for a minimum of 72 hours continuous satisfactory operation.

Even though this may extend the ten-day evaluation test period under no condition shall any part of the signal control mechanism be disassembled and/or removed from the demonstration site until the foregoing test has been satisfactorily concluded, and shall include the final 72 hours trouble-free operation of the entire, integrated signal control mechanism.

The demonstration by the Contractor of all components functioning properly shall not relieve the Contractor of any responsibilities relative to the proper functioning of signal control equipment when field installed. Upon satisfactory completion of the test, it shall be the Contractor's responsibility to transport all signal control enclosures from the City of Bremerton's Electronics Department to the project. All costs of the functional demonstration and evaluation test shall be included in the lump sum bid.

#### **TRAINING SESSION:**

The Contractor shall arrange for the signal manufacturer's local authorized representative to conduct a minimum of 8 hours of training session in the theory of operation and the maintenance of the traffic signal controller equipment. The Contractor shall provide the Engineer no less than five (5) working days advance notice prior to the presentation of the training session. Those personnel in attendance at the training session shall be provided complete manuals and other material necessary for operation and maintenance of this equipment. The training session shall occur during the ten-day shakedown period of the control mechanism as discussed elsewhere herein. The training session shall be held at the Electronics Department, City of Bremerton.

The above described minimum eight (8) hour training session shall be considered incidental to other bid items on the proposal.

**Additional Training:** In the event that additional training time is required by the City in the use and operation of intersection controllers including programming, general equipment maintenance and/or diagnostic equipment, the Contractor shall arrange for the signal manufacturer's local authorized representative to provide a minimum of four (4) hours additional training at a location agreeable to the City.

## **CONTROLLER CABINETS**

**Pad Mounted Cabinets:** The 8-phase traffic signal controllers and accessories shall be housed in a stretch Type P pad mounted, single door, weather-proof, outdoor cabinet manufactured by Cascade Signal Corp. of WA. to the City of Bremerton layout standard with adequate shelf space to accommodate all controllers and auxiliary equipment called for in these provisions and contract plans including a retractable drawer to hold drawing and a laptop computer. Nominal external dimensions shall be: width-44", depth-26", height-65".

The concrete pad shall have 36" of pad on door side of cabinet and a minimum of 12" on all remaining sides. The sidewalk can be included in the pad size. The door shall not face the street side.

The outside of the housings shall not be painted. The inside shall be painted white with two coats of factory applied aluminum paint. The cabinets shall be constructed of sheet aluminum at least 0.125" thick and adequately reinforced.

The main cabinet door shall be provided with a BEST blue construction lock. Cast cabinets shall have an approved one-point positive latch. Formed cabinets shall have a three-point latch. The auxiliary door shall be equipped with a lock for a standard police key. Two (2) keys shall be furnished for each police door lock. When the door is closed and latched, with the key removed, the door shall lock. The Contractor shall furnish two (2) keys for the main cabinet door.

**Cabinet Lock Cores:** The locking cores shall be Best 6-pin lock cores with Blue construction cores. The contractor shall coordinate the purchase replacement cores of sufficient quantity to replace all of the blue construction cores included with the cabinet(s) installed in this contract plus one spare. The Contractor shall coordinate the purchase of the lock cores with the lock vendor and the City of Bremerton for delivery directly to the City of Bremerton Electronics Shop. The core The City uses is called a 1C 6 E 1, 626. The core is a small format interchangeable core (SFIC).

The cabinets shall be equipped with a door stop assembly to hold the door open at 90 degrees and at 135 degrees.

All cabinet wiring harnesses shall be neat, firm and routed to minimize "crosstalk" and electrical interference. Printed circuit mother boards may be used to eliminate or reduce cabinet wiring. All conductors and live terminals, or parts which could be hazardous to maintenance personnel, shall be covered with suitable insulation material.

## **Loops**

The vehicle detection system and equipment shall conform to all criteria contained in Section 9-29.18(1) of the Standard Specifications and including the City of Bremerton Design Standard details 8001, 8002, 8003, 8004, 8005 as included herein. Vehicle detection equipment compatible

with field installed induction loops and lead-in cables shall be furnished and installed in the controller cabinet.

The equipment, when used in conjunction with the field installed loops, shall be capable of detecting the presence or passage of automobiles, trucks, motorcycles, and bicycles.

The electronic circuitry shall be self-tuning to compensate for changes in environmental conditions, including temperature, humidity, and stalled vehicles.

The system components shall be capable of operating on 120-volt AC+10%, -15% and shall function normally without manual adjustment in a temperature range of -20F to 165F.

Detector units shall have optically-isolated transistor outputs.

Relays shall be used for interface with electro-mechanical controllers, traffic counters, parking gates, etc.

Optically isolated outputs may be specified for interface with existing or new solid-state controllers and computer systems.

Controls for selection of sensitivity, mode of operation, and reset/circuit breakers shall be front panel accessible. The front panel shall include an erasable, write-on channel identification area and clearly indicated switch operating positions via the LCD display on each unit.

Sequential scanning shall fully prevent crosstalk between channels of a detector connected to closely spaced or overlapped loops for directional detection. Sequential scanning shall allow two detection channels to operate with full performance using a common four conductor home-run cable. Sequential scanning shall allow two or more detection channels to be connected to a single detection loop with full operating performance, including separate mode and sensitivity selection capability on each channel.

Each channel of the sensor unit shall automatically self-tune to any loop and lead-in inductance from 20 to 2000 micro henries within 10 seconds after application or interruption of supply voltage. Units shall also track changes in loop/lead-in electrical characteristics, as might reasonably be expected to occur in undamaged loops, properly installed in sound pavement, without producing false indications or changes in sensitivity.

Each channel shall retune and detect properly, immediately following reconnection of the broken (open) circuit. Previous "open" loop/lead-in connections shall be held in memory for recall and verification via a front panel "open loop test" switch.

Each detector unit shall be provided with a loop test switch position to verify loop system integrity and reduce maintenance costs. The "open loop test" position shall indicate a previous fault via the front panel indicator. The memory shall remain intact and can be queried repeatedly. Existing detections shall not be reset and the memory shall only be reset by power interruption as by pressing the circuit breaker/reset button on AC powered units, or removing and re-inserting the plug-in detector units.



Each channel shall have the capability to allow selection of 8 Pulse sensitivities, 7 Presence levels and an "Off" position. The sensitivity setting shall offer 2:1 steps over a range of 128:1 to enable selection of the proper sensitivity (threshold) to insure detection of all licensed motor vehicles (including 70cc motorcycles) without detecting automobiles in the adjacent lane, moving or stopped, within 36" of the loop(s) described in the following configurations, each with 50', 500', and 1000' of lead-in cable.

Three-turn Square loops:

Single 6'x6' loop

Four 6'x6' loops

Four 6'x6' loops

Three 6'x6' loops

Three-turn Round Loops:

Single 5'x5' loop

Four 5'x5' loops - Series/Parallel connected

Four 5'x5' loops - Series connected

Three 5'x5' loops - in series with special bicycle loop for left turn applications

Two-turn loops: (note) Long loops require special configuration to insure adjacent lane rejection (i.e., left turn lanes).

Single 6'x30' loop

Single 6'x30' loop (2-4-2 wire count)

### **9-29.13(6) Emergency Preemption**

*Section 9-29.13(16) is supplemented with the following:*

**General Operation:** The emergency pre-emption equipment shall provide signal operation and display as indicated in these Specifications.

Activation of the pre-emption equipment shall cause the signal to sequence as follows:

The phase or phases which are in the green interval and are not to be in the green interval during the pre-emption mode shall immediately begin a yellow clearance interval before displaying red. Such pre-emption shall not take place during the timing of initial or yellow clearance.

The phase or phases which are in the green interval and are to be in the green interval during the pre-emption mode shall remain in the green interval.

The phase or phases which are in the red interval and are to be in the green interval during pre-emption mode shall advance to the green mode immediately following display of the red indication on any conflicting movements.

When the signal display conditions specified for a particular detector actuation have been completed, the indicator light (specified later) associated with that detector shall be activated by a solid-state output and indicate a steady light throughout the pre-emption mode.

Termination of the pre-emption mode shall cause the controller to immediately provide the normal clearance interval for the pre-emption phase displayed. The controller shall then advance to the next phase to which it would normally proceed following this phase. Manual switches shall be provided in the controller cabinet to simulate remote emergency pre-emption input.

The indicator light shall not be activated until immediately after the intersection signals are displaying pre-emption conditions associated with the phase activated by the pre-empt detector.

**Detectors:** The unit shall be capable of receiving optical pulses from an OPTICOM emitter and converting these signals to electrical impulses compatible with the other control equipment. The unit shall employ solid state circuitry and shall have a detection range adjustable between 1800 feet and a few feet. The detector shall be capable of receiving an impulse from an emitter located within an area approximately 120 feet on each side of the detector centerline at 1800 feet distance from the detector. Detector units will be of the newest version manufactured by Opticom.

**Indicator Light:** A single light shall be provided in each direction per detail on plans which will indicate to approaching emergency vehicles that the signal has advanced to the pre-emption mode associated with the corresponding detector. The housing shall be constructed of cast iron or aluminum. All cast iron parts shall be galvanized while all fasteners shall be galvanized or stainless steel.

The entire unit shall be weather tight and vibration proof. A neoprene gasket shall be installed between the lens and housing which will provide a watertight seal when the lens is secured in position.

**Installation:** The Detectors and Lights Shall be installed on the top of the mast arm. One on each arm installed between the thru heads centered on oncoming lanes. Install as per detail on the plans.

## **9-29.16 Vehicular Signal Heads, Displays, and Housing**

*The second sentence of the second paragraph of Section 9-29.16 is replaced with the following:*

A 2-inch-wide strip of factory installed yellow retro-reflective, type IV prismatic sheeting (tape), conforming to the requirements of Section 9-28.12, shall be applied around the perimeter of each backplate for displays used in conventional traffic signal systems and overhead intersection control beacons

### **9-26.16(2) Conventional Traffic Signal Heads**

#### **9-29.16(2)B Signal Housing**

*Section 9-29.16(2)B is supplemented with the following:*

Quick Change Kit (QCK) Lens Clip Assembly for Traffic Signal shall be by GGI Road & Traffic without substitution.

1-888-883-5838  
info@thegetgoinc.com  
[www.thegetgoinc.com](http://www.thegetgoinc.com)

This specification sets forth the minimum requirements for an attachment device that secures a LED or incandescent traffic signal lens in the traffic signal door. Commonly referred to as a lens clip as manufactured by GGI Road and Traffic.

The lens clip assembly shall be constructed of an engineered automotive grade polymer designed for long life with many cycles. It shall continue to operate in cold temperatures without becoming brittle and in hot temperatures without becoming soft.

The lens clip assembly shall operate satisfactorily in a temperature range from -40°F to +176°F (-40°C to + 80°C) and a humidity range from 0% RH to 100% RH.

The lens clip assembly shall surpass ITE wind loads for traffic signals without damage to the lens clip assembly. The supplier shall make available third party test reports upon request.

The lens clip assembly shall be designed such that it securely holds round lens diameters of nominal 8" and 12" (200mm and 300mm) as well as undersized LED modules.

The lens clip assembly shall firmly hold lens/gasket combinations of varying thickness from rotation and vibration.

The lens clip assembly shall be of universal design such that it fits most makes and models of modern traffic signals with round lenses.

The lens clip assembly shall consist of upper and lower components that are hinged together.

The lower component shall be supplied with an integral stainless-steel screw. The stainless-steel screw shall have a combination head for use with a #2 Philips or #2 Robertson screwdriver. It shall secure the lens clip assembly to the traffic signal door utilizing the existing threaded holes for the lens clips.

The upper component shall be movable about a hinge with the lower component and shall incorporate a positive latch mechanism to facilitate clamping down on the lens/gasket combination. It shall have a tab, that when pressed, will release the positive latch mechanism allowing for removal of the lens.

The lens clip assembly shall be easily released with a thumb or finger with or without gloves on.

Once installed, the lens clip assembly shall allow for removal and installation of the lens from and into the traffic signal door without the use of tools.

## **9-29.17        Signal Head Mounting Brackets and Fittings**

*Section 9-29.17 is supplemented with the following:*

Cablebanded Clamp Kits with Support Tube for Plumbizer M Mounts shall be Pelco Products Astro-Brac Part Number AB-3053 as detailed on plan and per manufacturers specifications.

## **9-29.18      Vehicle Detector**

*Section 9-29.18 is supplemented with the following:*

*Add the following new Section:*

### **9-29.18(3)      Radar Detectors**

Radar Detection shall be manufactured by Wavetronix without substitution.

Wavetronix 78 E 1700 S

Provo, UT

Tel. (801) 738-7200

#### **Equipment List**

Cabinet Interface Device | Model No. WX-102-0416

This item shall govern the purchase and installation of a cabinet interface device (CID) equivalent to the Wavetronix Click 650. Test results and other documentation demonstrating performance and capabilities shall be provided.

The CID shall be a module that provides power and surge protection and that communicates with contact closure devices, ethernet and controllers through SDLC. The CID shall be shipped with the AC power cord, jumper cables and terminal blocks necessary for wiring it, as well as with an extra fuse.

The CID shall not exceed 5 lbs. (2.25 kg) in weight and shall not exceed 7.8 in. x 10.3 in. x in. (19.8 cm x 26.2 cm x 9.9 cm) in its physical dimensions. The CID shall operate in the temperature range of -29°F to 165°F (-34°C to 74°C) and in humidity up to 95% RH.

The CID shall be shelf-mounted. It shall be capable of being mounted on the side of the traffic cabinet with the aid of U-channel mounting brackets. The power supply voltage of the CID shall be 90 to 260 VAC. Its AC frequency shall be 50–60 Hz and the maximum power shall be 75 W at 80°C. The CID's sensor connectors shall output 24 VDC.

The CID shall include the following connections for power and communication:

- An IEC AC input.
- Four terminal block connectors for connecting to sensors. These connectors shall be for terminating cables that carry power and RS-485 communications to and from the sensors.
- Four RJ-11 jacks for sending detection data from sensors to contact closure devices such as rack cards via jumper cables. This data shall be sent via RS-485. These jacks shall make up the physical interface of a dedicated data bus.
- Four other communication ports. These ports shall make up the physical interface of a dedicated control bus and shall allow users to connect to the sensors and configure them.
  - DB-9 port for communicating via RS-232
  - Two RJ-11 jacks for communicating via RS-485
  - USB mini-B connector
  - T-bus port for connecting to a T-bus

- An RJ-45 10/100 Ethernet port to allow connection to a local network.
- An SDLC port for direct connection to a traffic controller.

The CID shall have the following other features:

- Four multicolored LEDs with activity-indicating functions:
  - An LED that indicates when the device has power
  - An LED that indicates if the device has been disabled by surges
  - An LED that indicates when data is being transmitted on the control bus
  - An LED that indicates when data is being received on the control bus.
- Four jacks that make up the physical interface of the data bus (and that each correspond to one sensor) shall have a switch for turning their corresponding sensor of and an LED that indicates when that sensor has power.
- A switch for turning power of for the entire device.
- An OLED panel on the device with a keypad for device configuration.
- A web interface for device configuration, accessible through a web browser from a network-connected device.
- The CID configuration shall support up to 64 detector channels.

The CID shall comply with the applicable standards stated in the NEMA TS2-2003 Standard. Test results shall be made available for each of the following tests:

- Shock pulses of 10g, 11 ms half sine wave
- Vibration of 0.5 Grms up to 30 Hz
- 300 V positive/negative pulses applied at one pulse per second at minimum and maximum AC supply voltage
- Cold temperature storage at -49°F (-45°C) for 24 hours
- High temperature storage at 185°F (85°C) for 24 hours
- Low temp, low DC supply voltage at -29.2°F (-34°C) and 89 VAC
- Low temp, high DC supply voltage at -29.2°F (-34°C) and 135 VAC
- High temp, high DC supply voltage at 165.2°F (74°C) and 135 VAC
- High temp, low DC supply voltage at 165.2°F (74°C) and 89 VAC

The CID shall be FCC-compliant. Before shipping, each CID shall have passed a manufacturer's test. The sensor ports of the CID shall conform to IEC/EN 61000-4-5 level 4 standards; the AC input of the CID shall conform to IEC/EN 61000-4-5 level 3 standards.

Extended support options shall be available. Contact the manufacturer's representative for more information.

The CID shall be warranted to be free from material and workmanship defects for a period of two years from date of shipment.

#### Detection Rack Cards | Model No. WX-CLK-112

This item shall govern the purchase and installation of a detector rack card (DRC) equivalent to the Wavetronix Click 112. The DRC shall be used to output contact closure

data from a radar vehicle sensing device (RVSD) equivalent to the Wavetronix SmartSensor™. Test results and other documentation demonstrating performance and capabilities shall be provided. One DRC shall be provided for each vehicle phase with a minimum of two DRC's per RVSD.

The DRC shall convert real-time serial data from the RVSD to contact closure data, providing 2-channel contact closure outputs. The device shall plug into a detection card slot and have two independent RS-485 buses.

The two-channel DRC shall not exceed 0.25 lbs. (0.11 kg) in weight and shall not exceed 8.3 in. x 4.5 in. x 1.2 in. (21.1 cm x 11.4 cm x 3 cm) in its physical dimensions. The DRC shall operate over a temperature range of -29°F to 165°F (-34°C to 74°C) and up to 95% humidity.

The DRC shall mount in an input file rack slot. The DRC shall accept 9–30 VDC and shall operate using 1 W of average power. It shall have a 44-way edge connector for detection and power and shall also have four RJ-11 jacks, two each for its two RS-485 buses.

The DRC shall have two independent RS-485 buses, allowing it to be configured without interfering with data communication. Connection to the detector rack shall allow The DRC to pass vehicle information to a traffic controller via contact closures.

The DRC shall support baud rates of 1200 bps, 2400 bps, 4800 bps, 9600 bps, 19200 bps, 38400 bps and 57600 bps. It shall feature separate DIP switches for baud rate and channel mapping selection. When these switches are on, faceplate and software configuration options shall be disabled.

The DRC shall have a mode switch for controlling menu operation. It shall have three banks of LEDs.

The first bank shall have red LEDs used for detection; these shall indicate the current detection state.

The second bank of LEDs shall aid in viewing and setting menu options and shall consist of red LEDs.

The third bank shall display menu items for selecting; they shall also have the following status-indicating functions:

- One LED shall illuminate to indicate the DRC has power
- One LED shall illuminate to indicate when the device is transmitting data
- One LED shall illuminate to indicate when the device is receiving data

The DRC faceplate configuration features shall support the configuration of baud rate and channel mapping settings.

The DRC shall be provided with configuration software that:

- Runs on both a Pocket PC and a Windows desktop or laptop PC (Windows XP and newer)

- Configure serial communication settings including serial baud rates
- Configures channel mapping settings
- Can remotely and directly upgrade the DRC firmware to add new features to the DRC
- Can save/open a configuration to/from a file. This allows a common configuration to be easily programmed into many devices.
- Has a customizable driver that is stored in an XML file that describes the settings for a device as well the graphical user interface for that driver in the configuration software.

The DRC shall output traffic data as contact closures specified by the RVSD. The DRC shall enter a fail-safe mode if it loses communications with the RVSD for more than ten seconds. In fail-safe mode, all channel outputs shall be asserted. The DRC shall exit fail-safe mode when communication with the RVSD is restored.

The DRC shall comply with the EN 61000-4-5 Class 4 lightning surge protection on the DC input. The DRC shall dissipate up to a 600 W power surge received on any contact closure output terminal. The contact closure output terminals on the DRC shall be able to withstand 50 V continuously. The contact closure outputs shall be less than 8 ohms in conduction state. Outputs in a non-conducting state shall leak less than 1uA. They shall also be able to switch up to 150 mA.

The DRC shall have flash memory that can be remotely upgraded to add functionality to the firmware when new features have been developed to improve the performance of the installation.

Before shipping, each DRC shall have passed a manufacturer's test. The DRC shall comply with the applicable standards stated in the NEMA TS2-2003 Standard. Extended support options shall be available.

The DRC shall be warranted to be free from material and workmanship defects for a period of one year from date of shipment.

#### SmartSensor Matrix | Model No. WX-SS-225

This item shall govern the purchase of aboveground radar presence detector (RPD) equivalent to the Wavetronix SmartSensor™ Matrix.

An RPD detects vehicles by transmitting electromagnetic radar signals through the air. The signals bounce off vehicles in their paths and part of the signal is returned to the RPD. The returned signals are then processed to determine traffic parameters.

RPDs are not affected by normal weather and environmental conditions such as rain, wind, dry snowfall, moist snowfall, dust, etc. They also do not require cleaning and can maintain performance over a wide range of ambient temperatures.

RPDs provide a non-intrusive means of detecting traffic. This property not only makes them safer to install but also more cost effective than sensors that require roadway modifications or placement.

The RPD shall present real-time presence data in 10 lanes and support a minimum of 16 zones and 16 channels. The RPD shall support user-selectable zone to channel mapping and use AND logic to trigger channels when all selected zones are active. The RPD shall use OR logic to combine multiple zones to a channel output and shall have channel output extend and delay functionality.

The RPD algorithms shall mitigate detections from wrong way or cross traffic and have fail- safe mode capabilities for contact closure outputs if communication is lost.

The RPD shall be able to detect and report presence in lanes with boundaries as close as 6 ft. (1.8 m) from the base of the pole on which the RPD is mounted. The RPD shall be able to detect and report presence in lanes located within the 140 ft. (42.7 m) arc from the base of the pole on which the RPD is mounted. It shall be able to detect and report presence for vehicles within a 90-degree field of view and up to 10 lanes. The RPD shall also be able to detect and report presence in curved lanes and areas with islands and medians.

For each approach to be detected, one RPD corner radar shall be used. Each RPD shall be used with a preassembled backplate or a cabinet interface device. If a traffic cabinet preassembled backplate, it shall have the following:

- AC/DC power conversion
- Surge protection
- Terminal blocks for cable landing
- Communication connection points
- The preassembled backplate for the RPD shall be a cabinet side mount or rack mount

If a cabinet interface device, it shall be a single device that performs the following functions:

- Provide DC power to up to four connected sensors
- Provide surge protection for those sensors
- Communicate between the device and a connected computer
- Communicate with contact closure devices and/or a traffic controller

The RPD may use contact closure input file cards with 2 or 4 channel capabilities. The contact closure input file cards for the RPD shall be compatible with industry standard detector racks.

The RPD shall not require cleaning or adjustment to maintain performance. The RPD shall not rely on battery backup to store configuration information, thus eliminating any need for battery replacement. Once the RPD is calibrated, it shall not require recalibration to maintain performance unless the roadway configuration changes. The mean time between failures shall be 10 years, which is estimated based on manufacturing techniques.

The RPD shall not exceed 4.2 lbs. (1.9 kg) in weight and shall not exceed 13.2 in. by 10.6 in. by 3.3 in. (33.5 cm x 26.9 cm x 8.4 cm) in its physical dimensions. All external parts of



the RPD shall be ultraviolet-resistant, corrosion-resistant, and protected from fungus growth and moisture deterioration.

The RPD shall be enclosed in a Lexan EXL polycarbonate. The enclosure shall be classified "f1" outdoor weatherability in accordance with UL 746C. The RPD shall be classified as watertight according to the NEMA 250 standard. The RPD enclosure shall conform to test criteria set forth in the NEMA 250 standard for type 4X enclosures. Test results shall be provided for each of the following type 4X criteria:

- External icing (NEMA 250 clause 5.6)
- Hose-down (NEMA 250 clause 5.7)
- 4X corrosion protection (NEMA 250 clause 5.10)
- Gasket (NEMA 250 clause 5.14)

The RPD shall be able to withstand a drop of up to 5 ft. (1.5 m) without compromising its functional and structural integrity. RPD enclosure shall include a connector that meets the MIL-C-26482 specification. The MIL-C-26482 connector shall provide contacts for all data and power connections.

The RPD shall consume less than 10 W and operate with a DC input between 10 VDC and 28 VDC. The RPD shall have onboard surge protection.

The RPD shall have two communication ports, and both ports shall communicate independently and simultaneously.

*(Two independent communication ports allow one port to be used for configuration, verification and traffic monitoring without interrupting communications on the dedicated data port.)*

The RPD shall support the upload of new firmware into the RPD's non-volatile memory over either communication port.

The RPD shall support the user configuration of the following:

- Response delay
- Push port

The communication ports shall support a 9600-bps baud rate. The RPD shall be designed with a matrix of 16 radars.

*(The matrix of 16 radars enables the sensor to provide detection over a large area and to discriminate lanes.)*

The circuitry shall be void of any manual tuning elements that could lead to human error and degraded performance over time. All transmit modulated signals shall be generated by means of digital circuitry, such as a direct digital synthesizer, that is referenced to a frequency source that is at least 50 parts per million (ppm) stable over the specified temperature range, and ages less than 6 ppm per year. Any upconversion of a digitally

generated modulated signal shall preserve the phase stability and frequency stability inherent in the digitally generated signal.

*(This specification ensures that, during operation, the RPD strictly conforms to FCC requirements and that the radar signal quality is maintained for precise algorithmic quality. Analog and microwave components within an RPD have characteristics that change with temperature variations and age. If the output transmit signal is not referenced to a stable frequency source, then the RPD is likely to experience unacceptable frequency variations which may cause it to transmit out of its FCC allocated band and thus will be non-compliant with FCC regulations.)*

The RPD shall not rely on temperature compensation circuitry to maintain transmit frequency stability.

*(Temperature-based compensation techniques have been shown to be insufficient to ensure transmit frequency stability. One reason this type of technique is not sufficient is that it does not compensate for frequency variations due to component aging.)*

The bandwidth of the transmit signal of the RPD shall not vary by more than 1% under all specified operating conditions and over the expected life of the RPD.

*(The bandwidth of an RPD directly affects the measured range of a vehicle. A change in bandwidth causes a direct error in the measured range, i.e., a 5% change in bandwidth would cause a range error of 10 ft. (3 m) for a vehicle at 200 ft. (61 m). If the bandwidth*

*changes by more than 1% due to seasonal temperature variations and component aging, then the RPD will need to be frequently reconfigured to maintain the specified accuracy.)*

The RPD antennas shall be designed on printed circuit boards.

*(Printed circuit board antennas eliminate the need for RF connectors and cabling that result in decreased reliability. Printed circuit antennas are less prone to physical damage due to their extremely low mass.)*

The vertical beam width of the RPD at the 6 dB points of the two-way pattern shall be 65 degrees or greater. The antennas shall cover a 90-degree horizontal field of view. The sidelobes in the RPD two-way antenna pattern shall be -40 dB or less. Low sidelobes ensure that the performance from the antenna beam widths is fully achieved.

The RPD shall transmit a signal with a bandwidth of at least 245 MHz.

*(The bandwidth of the transmit signal translates directly into radar resolution, which contributes directly to detection performance. For example, an RPD that transmits at a low bandwidth will have low radar resolution, which could cause it to count a single vehicle as two vehicles in adjacent lanes. As another example of the adverse effects of low radar resolution, the response from a sign or other radar target in the roadway may spill over*

*into the lanes of travel and desensitize the radar. In order to achieve the specified detection accuracy in a variety of conditions, the unwindowed radar resolution cannot be larger than 2 ft. (0.6 m) at the half-power level, which requires a bandwidth of 240 MHz. The high radar resolution reduces the problem of vehicle responses getting drowned out by brighter vehicles in adjacent lanes and improves performance for moving and stopped vehicles near roadway targets.)*

The RPD shall provide at least 8 RF channels so that multiple units can be mounted in the same vicinity without causing interference between them. The RPD shall have a self-test that is used to verify correct hardware functionality and shall have a diagnostics mode to verify correct system functionality.

The RPD shall have a method for automatically defining traffic lanes, stop bars and zones without requiring user intervention. This auto-configuration process shall execute on a processor internal to the RPD and shall not require an external PC or other processor. The auto-configuration process shall work under normal intersection operation and may require several cycles to complete. The auto-configuration method shall not prohibit the ability of the user to manually adjust the RPD configuration. The RPD shall support the configuration of lanes, stop bars and detection zones in 1-ft. (0.3-m) increments. *(When lanes have variable widths or have variable spacing (e.g. gore between lanes), precise resolution is necessary.)*

The RPD shall include graphical user interface software that displays all configured lanes and the current traffic pattern using a graphical traffic representation. *(A visual representation of traffic patterns allows an installer to quickly associate specific detections with corresponding vehicles, and it facilitates verification of RPD performance.)*

The RPD shall include the ability to do counting and pulsed channels. The graphical interface shall operate on Windows Mobile, Windows XP, Windows Vista, Windows 7, Windows 8, and Windows 10 in the .NET framework. The software shall support the following functionality:

- Operate over a TCP/IP connection
- Give the operator the ability to save/back up the RPD configuration to a file or load/restore the RPD configuration from a file
- Allow the backed-up sensor configurations to be viewed and edited
- Provide zone and channel actuation display
- Provide a virtual connection option so that the software can be used without connecting to an actual sensor
- Local or remote sensor firmware upgradability

The RPD shall maintain accurate performance in all weather conditions, including rain, freezing rain, dry snowfall, moist snowfall, wind, dust, fog and changes in temperature and light, including direct light on sensor at dawn and dusk. The RPD shall maintain accurate performance with ice and dry snow buildup on the sensor front. RPD operation shall continue in rain up to 1 in. (2.5 cm) per hour. The RPD shall be capable of continuous operation over an ambient temperature range of -40°F to 165.2°F (-40°C to 74°C) and a relative humidity range of 5% to 95% (non-condensing).

*(Dry snow and moist snow are terms defined by the International Hydrological Program of the United Nations in the publication "The International Classification For Seasonal Snow on the Ground." Dry snow has a water volume content of 0% and moist snow has water content of less than 3%. Wet snow has higher fractional volumes of water and varying fractional volumes of air. Depending on the precipitation rate and the fractional volumes of ice, air, and water, the RPD shall be capable of continuous operation in wet snowfall. For example, with typical fractional volumes of ice, air, and water the RPD shall be capable of continuous operation in wet snowfall with a precipitation rate less than 1 in. per hour (2.5 cm) per hour. Furthermore, as instructed in the user documentation, the sensor should be installed with a down tilt for accurate detection. A down tilt alignment will also help shield the sensor front and minimize the possibility of dry, moist, and wet snow buildup in extreme weather conditions.)*

Each RPD shall be certified by the Federal Communications Commission (FCC) under CFR 47, part 15, section 15.249 as an intentional radiator. The FCC certification shall be displayed on an external label on each RPD according to the rules set forth by the FCC. The RPD shall comply with FCC regulations under all specified operating conditions and over the expected life of the RPD. The RPD shall be tested under IEC 61000-4-5 class 4.

The RPD shall comply with the applicable standards stated in the NEMA TS 2-2003 standard. Third party test results shall be made available for each of the following tests:

- Shock pulses of 10 g, 11 ms half sine wave
- Vibration of 0.5 g up to 30 Hz
- 300 V positive/negative pulses applied at one pulse per second at minimum and maximum DC supply voltage
- Cold temperature storage at -49°F (-45°C) for 24 hours
- High temperature storage at 185°F (85°C) for 24 hours
- Low temp, low DC supply voltage at -29.2°F (-34°C) and 10.8 VDC
- Low temp, high DC supply voltage at -29.2°F (-34°C) and 26.5 VDC
- High temp, high DC supply voltage at 165.2°F (74°C) and 26.5 VDC
- High temp, low DC supply voltage at 165.2°F (74°C) and 10.8 VDC

The RPD shall be manufactured and assembled in the USA. The internal electronics of the RPD shall utilize automation for surface mount assembly, and shall comply with the requirements set forth in IPC-A-610C Class 2, Acceptability of Electronic Assemblies. The RPD shall undergo a rigorous sequence of operational testing to ensure product functionality and reliability. Testing shall include the following:

- Functionality testing of all internal sub-assemblies
- Unit level burn-in testing of 48 hours' duration or greater
- Final unit functionality testing prior to shipment

Test results and all associated data for the above testing shall be provided for each purchased RPD by serial number, upon request.

The RPD manufacturer shall provide both training and technical support services. The manufacturer-provided training shall be sufficient to fully train installers and operators in the installation, configuration, and use of the RPD to ensure accurate RPD performance. The manufacturer-provided training shall consist of comprehensive classroom labs and hands-on, in-the-field, installation and configuration training. Classroom lab training shall involve presentations outlining and defining the RPD, its functions, and the procedures for proper operation. These presentations shall be followed by hands-on labs in which trainees shall practice using the equipment to calibrate and configure a virtual RPD. To facilitate the classroom presentation and hands-on labs, the manufacturer-provided training shall include the following items:

- Knowledgeable trainer or trainers thoroughly familiar with the RPD and its processes
- Presentation materials, including visual aids, printed manuals and other handout materials for each student
- Computer files, including video and raw data, to facilitate the virtual configuration of the RPD
- Laptop computers or Windows CE handheld devices with the necessary software, and all necessary cables, connectors, etc.
- All other equipment necessary to facilitate the virtual configuration of the RPD.

Field training shall provide each trainee with the hands-on opportunity to install and configure the RPD at roadside. Training shall be such that each trainee will mount and align the RPD correctly.

Manufacturer-provided technical support shall be available according to contractual agreements, and a technical representative shall be available to assist with the physical installation, alignment, and auto-configuration of each supplied RPD. Technical support shall be provided thereafter to assist with troubleshooting, maintenance, or replacement of RPDs should such services be required.

RPD documentation shall include an instructional training guide and a comprehensive user guide as well as an installer quick-reference guide and a user quick-reference guide. The RPD manufacturer shall supply the following documentation and test results at the time of the bid submittal:

- FCC CFR 47 certification (frequency compliance)
- CE certification
- IEC 61000-4-5 class 4 test report (surge)

The RPD shall be warranted free from material and workmanship defects for a period of two years from date of shipment.

SmartSensor 6-conductor Cable (40/60 foot) | Model No. WX-SS-704-(040/060)

This item shall govern the purchase of a traffic sensor-to-traffic cabinet cable equivalent to the Wavetronix Smart-Sensor™ 6-conductor cable.

The cable shall be the Orion Wire Combo-2204-2002-PVCGY or an equivalent cable that conforms to the following specifications:

- The RS-485 conductors shall be 2 twisted pairs.
- The RS-485 conductors shall have nominal capacitance conductor to conductor of less than 40 pF/ft at 1 kHz.
- The RS-485 conductors shall have nominal conductor DC resistance of less than 16.7 ohms/1000 ft. at 20°C.
- The power conductors shall be a twisted pair.
- The power conductors shall have nominal conductor DC resistance of less than 11 ohms/1000 ft. at 20°C.
- The entire cable shall be shielded with an aluminum/polyester shield with a drain wire.
- The cable jacket shall be made of gray PVC that is 0.053 in. (1.3 mm) thick.
- The cable shall have a diameter of 0.41 in. (1.04 cm).
- The power wires in the cable shall be 20 AWG; the communications wires shall be 22 AWG.
- The cable shall be RoHS compliant.
- The cable shall have a UL/cUL type CMG safety approval.
- The cable shall be cable of operating at temperatures up to 221°F (105°C) while dry and 167°F (75°C) while wet.
- The cable shall have an FT4 flammability rating.
- The cable shall be UV resistant, as per the UL 720 Hour Sunlight Resistance Test.
- The cable shall support 600 Volts per AWM style 2587.

The cable end connector shall meet the MIL-C-26482 specification and shall be designed to interface with the appropriate MIL-C-26482 connector. The connector backshell shall be an environmentally sealed shell that offers excellent immersion capability. All conductors that interface with the connector shall be encased in a single jacket, and the outer diameter of this jacket shall be within the backshell's cable O.D. range to ensure proper sealing. The backshell shall have a strain relief with enough strength to support the cable slack under extreme weather conditions. Recommended connectors are Cannon's KPT series, and recommended backshells are Glenair Series 37 cable sealing backshells.

#### SmartSensor Mount | Model No. WX-SS-611

This item shall govern the purchase of a traffic sensor mounting assembly equivalent to the Wavetronix SmartSensor™ mount.

The mounting assembly shall provide at least two axes of rotation to ensure proper installation and be able to support at least a 20-lb. (9.1-kg) load. The mounting assembly shall feature a symmetric hole pattern that mates with fixed and rotational SmartSensor backplates.

The assembly shall have two contact points with the pole and shall be slotted for 3/4-in. (1.9- cm) banding.

The mounting assembly shall be constructed of 0.1875 in. (0.48 cm) thick or thicker aluminum with 316 stainless steel hardware. It shall be powder coated for oxidation resistance and shall weigh 3 lbs. (1.36 kg)

#### ATP-Matrix 2

This item is a two-element composite cable, 1 pair 18 AWG & 2 triads 22 AWG, overall cabled and shielded, with a polyvinylchloride jacket for data communications and security applications manufactured in the USA and listed (UL) CMG C(UL) 105° C.

This cable is designed to work with all Wavetronix SmartSensors.

The first element shall consist of an 18 AWG, 1 pair PVC insulation component. The conductor shall be a 7 strand, 18 AWG made of annealed tinned copper. The insulation shall be made of polyvinylchloride with a wall thickness of 0.0165". For assembly, the pair lay length shall be 1.90" LHL nominal.

The second element shall consist of an 22 AWG, 2 Triads PVC insulation component. The conductor shall be a 7 strand, 22 AWG made of annealed tinned copper. The insulation shall be made of polyvinylchloride with a wall thickness of 0.0165". For Assembly, the pair lay length shall be 2.00" LHL nominal.

For the overall cable which consists of the two elements, the assembly shall have a pair lay length of 4.50" LHL nominal. The cable shield shall be aluminum/mylar tape – 100% coverage. The cable drain wire shall be 22 AWG, 7 strand tinned copper. 3 groups of filler will be use to make the cable round.

The Jacket of the cable shall be made of polyvinylchloride with a wall thickness of 0.055" and a diameter of 0.412" +/- 0.012". The weight of the jacket shall be 84 lbs/Mft and the cable shall appear to be round and smooth.

The electricals shall be defined followed:

Capacitance:

- 18 AWG: 22 pF/ft | 22 AWG: 27 pF/ft +/- 10% DC Resistance:
- 18 AWG: 6.45 Ohms/Mft at 20°C. | 22 AWG: 16.6 Ohms/Mft. At 20°C.

#### Sensor Cable Junction Box Mini | Model No. 102-0453 (Mini-710)

This item shall govern the purchase of a junction box (JB) equivalent to the Wavetronix SmartSensor cable junction box mini, model number 102-0453.

The JB shall not exceed 3.7 in. x 3.6 in. x 3 in. (9.4 cm x 9 cm x 8 cm) in its dimensions. The JB's cable grip shall allow for a cable with a diameter of 0.25 in.–0.47 in. (6.4 mm–11.9 mm).

The JB shall be designed to meet IP 66 ratings and shall be made of fiberglass. The JB shall have nine terminal blocks; these blocks' connections shall employ insulation displacement technology.

The JB shall have a nominal current of 17.5 A and a nominal voltage of 500 V. Its maximum load current shall be 17.5 A. The JB shall accept wire ranging in size from 24–16 AWG

Patch Cord (60"/White) | Model No. WX-310-0001

This item shall serve to connect the Click 112 card to the SmartSensor.

The connector type shall be RJ-11 and the material shall be of polycarbonate housing with a nickel plated brass shield.

The Click 112 contains two independent serial communications ports. Each port is made up of two RJ-11 connectors, which make it simple to daisy-chain multiple cards together and create an RS-485 bus. The two RJ-11 RS-485 data buses can be connected to a SmartSensor through a surge protection module.

The operating temperature for the cord shall be from -40°C to 125°C.

#### **9-29.19 Pedestrian Push Buttons**

*Section 9-29.19 is deleted and replaced with the following:*

Pedestrian push buttons shall be furnished and installed in accordance with the methods and materials noted in the City of Bremerton Engineering & Design Standards Section 8-200 as well as the following:

Where shown on the Plans, pedestrian push-button conforming to Section 9-29 of the Standard Specifications, Current Edition, and State of Washington Standard Plans, and be Campbell Guardian Part No. 501-0811, Federal Yellow Color housing, Standard Phillips screw, Field Selectable (FS) Arrow, and R10-3E Sign shall be furnished and installed. Verify all mounting heights prior to installation with the City of Bremerton Engineering Division.

Pedestrian push buttons, mounting hardware, extension brackets, and adapters shall be manufactured by Campbell Company without substitution.

Campbell Company 450 W.  
McGregor Dr. Boise, ID 83705  
Tel. 208.345.7459.

#### **9-29.20 Pedestrian Signals**

*Section 9-29.20 is supplemented with the following:*

Five (5) position minimum terminal strip shall be field mounted inside pedestrian signal housing and used for wiring pedestrian signal, pedestrian pushbutton control unit, and pedestrian push button per detail on plans



**9-29.22 Vacant**

*Section 9-29.23 is deleted and replaced with the following:*

**9-29.22 High Definition Multilayer Protective Wrap**

High definition multilayer protective wrap shall be by Traffic Wrapz without substitution.

253-655-2383 ext. 201

[herb@trafficwrapz.com](mailto:herb@trafficwrapz.com)

[www.trafficwrapz.com](http://www.trafficwrapz.com)

**9-29.24 Service Cabinets**

*Section 9-29.24 is supplemented with the following:*

Service cabinet shall be Skyline Series #65100 refer to Engineering Design and Construction Standards per (detail 7015) or approved equal with the following minimum requirements:

**Cabinet**

- Shall be UL listed.
- NEMA 3R construction, pad mount, 21" wide x 26" deep x 48" high.
- 1/8" 5052 H-32 Aluminum Construction.
- Removable equipment mounting pan.
- Two screened and gasketed vents, one near the top of cabinet end, the other near the bottom (not in meter section).
- Hinged dead front.

**Doors**

- Heavy duty concealed barrel hinges (lift off type).
- Load Side hinged on left.
- Line Side hinged on left or right depending on location if opening 180 degree is impeded by traffic signal cabinet or another object.
- Stainless steel vault handles, 3-point latch.
- Closed cell neoprene gasket.
- Openable to 180 degrees.
- Pad lock type meter door w/ polished wire glass window.

**Cabinet Lock Cores**

- The locking cores shall be Best 6-pin lock cores with blue construction core;
- The contractor shall coordinate the purchase replacement cores of sufficient quantity to replace all the blue construction cores included with the cabinet(s) installed in this contract plus one spare.
- The contractor shall coordinate the purchase of the lock cores with the lock vendor and the City of Bremerton for delivery directly to the City's Electronics Division.
- The core that the City uses is called 1C6E1. The core is a small format interchangeable core (SFIC);
- Card holder.

#### Exterior Finish

- The outside of housing shall not be painted;
- Dead front and wire way cover white.

All internal fasteners to be pan head Phillips SS.

Interior finish: white enamel paint.

Internal wireway.

Provide 1/2" diameter mounting holes in bottom flange.

Cabinet wiring to be stranded, type MTW or SIS copper.

Panelboard: Minimum 120/240 VAC, 1 Phase, 200-amp mains, 16 space, 10KAIC.

Provide following branch circuits: per (Engineering Design and Construction Standards).

- 20/2 Illumination, one per each lighting contactor required
- 20/4 Tree lights
- 15/1 Control
- 20/1 Signal Branch
- 20/1 Receptacle Branch
- 15/1 Heater

Lighting Contactor(s): 30-amp, 2 pole, 600-volt, 120-volt coil, Square D (Number of lighting contactors dependent upon lighting requirements).

Meter base :200 Amp 5 jaw with bypass block, with 5 jaw at 9:00 position.

The base foundation for the service cabinets shall conform to State of Washington Standard Plans and Sections 8-20 of the Standard Specifications. The foundation will include a pad for maintenance of the cabinet of 6 inches on each side, 24 inches on the back (meter base) side, and 24 inches on the door side refer to Engineering Design and Construction Standards. All foundations shall include a 3/8-inch diameter plastic drain. A minimum of one spare 2-inch conduit will be installed from the panel side of the service to the nearest junction box

### **9-29.25        Amplifier, Transformer, and Terminal Cabinets**

*Section 9-29.25 is supplemented with the following:*

Where shown on plan, each pole mounted terminal cabinet shall include the following;

- Three 12 position insulated terminal blocks.
- Removal and disposal of existing terminal compartment, if present.

#### Cabinet Lock Cores

- The locking cores shall be Best 6-pin lock cores with blue construction core;
- The contractor shall coordinate the purchase of replacement cores of sufficient quantity to replace all the blue construction cores included with the cabinet(s) installed in this contract plus one spare.

- The contractor shall coordinate the purchase of the lock cores with the lock vendor and the City of Bremerton for delivery directly to the City's Electronics Division.
- The core that the City uses is called 1C6E1. The core is a small format interchangeable core (SFIC);
- Card holder.

## **9-34 PAVEMENT MARKING MATERIAL**

### **9-34.3 Plastic**

#### **9-34.3(2) Type B – Pre-Formed Fused Thermoplastic**

*Supplement this Section with the following:*

Green bike lane color must comply with the following and must be approved by the Engineer.

- Meet FHWA color requirements as outlined in "Interim Approval for Optional Use of Green Colored Pavement for Bike Lanes (IA-14)
- Factory applied anti-skid resistance elements with a minimum hardness of 9 (Mohs scale).
- Skid Resistance - 60 BPN minimum
- Thickness – 90 mils minimum

**END OF DIVISION 9**

## **APPENDIX A – WSDOT STANDARD PLANS (STDPLANS.GR9)**

1 **(January 13, 2021)**

2 **Standard Plans**

3 The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01,  
4 effective September 30, 2020, is made a part of this contract.

5  
6 The Standard Plans are revised as follows:

7  
8 A-50.10

9 DELETED

10  
11 A-50.20

12 DELETED

13  
14 A-50.30

15 DELETED

16  
17 A-50.40

18 DELETED

19  
20 B-90.40

21 Valve Detail – DELETED

22  
23 C-1a

24 DELETED

25  
26 C-8

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

32  
33 C-8a

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

39  
40 C-8b

41 DELETED

42  
43 C-8e

44 DELETED

45  
46 C-8f

47 DELETED

48  
49 C-16a

50 DELETED

C-20.10

The following table is added:

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

C-20.11

DELETED

C-20.19

DELETED

C-40.16

DELETED

C-40.18

DELETED

C-80.50

DELETED

C-85.14

DELETED

C-85.15

SECTION B detail, the callout reading "ANCHOR BOLT (TYP.) ~ SEE DETAIL, STANDARD PLAN C-8b", is revised to read "ANCHOR BOLT (TYP.) ~ SEE DETAIL IN PLANS".

SECTION B detail, the callout reading "ANCHOR PLATE (TYP.) ~ SEE STANDARD PLAN J-8b", is revised to read "ANCHOR PLATE (TYP.) ~ SEE DETAIL IN PLANS".

D-2.14

DELETED

D-2.16

DELETED

D-2.18

1 DELETED

2  
3 D-2.20

4 DELETED

5  
6 D-2.42

7 DELETED

8  
9 D-2.44

10 DELETED

11  
12 D-2.46

13 DELETED

14  
15 D-2.48

16 DELETED

17  
18 D-2.82

19 DELETED

20  
21 D-2.86

22 DELETED

23  
24 D-10.10

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

29  
30 D-10.15

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

35  
36 D-10.30

37 Wall Type 5 may be used in all cases.

38  
39 D-10.35

40 Wall Type 6 may be used in all cases.

41  
42 D-10.40

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

47  
48 D-10.45

49 Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic  
50 barriers attached on top of the wall are considered non-standard and shall be designed in

1 accordance with the current WSDOT BDM and the revisions stated in the revisions stated  
2 in the 11/3/15 Bridge Design memorandum.

3  
4 D-15.10

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

8  
9 D-15.20

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

13  
14 D-15.30

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

18  
19 G-20.10

20 SIGN INSTALLATION BEHIND TRAFFIC BARRIER detail, dimension callout "3' MIN.", is  
21 revised to read "5' MIN.".

22  
23 H-70.20

24 Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is  
25 revised to H-70.10

26  
27 H-70.30

28 DELETED

29  
30 J-10.16

31 Key Note 14, reads: "Mounting Hole ~ See Standard Plan J-10.30 for mounting Details." Is  
32 revised to read: "Mounting Hole ~ See Standard Plan J-10.14 for mounting Details."  
33 General Note 12, reads: "See Standard Plan J-10.30 for pole installation details." Is revised  
34 to read: "See Standard Plan J-10.14 for pole installation details."

35  
36 J-10.17

37 Key Note 16, reads: "Mounting Hole ~ See Standard Plan J-10.?? for mounting Details." Is  
38 revised to read: "Mounting Hole ~ See Standard Plan J-10.14 for mounting Details."  
39 General Note 12, reads: "See Standard Plan J-10.30 for pole installation details." Is revised  
40 to read: "See Standard Plan J-10.14 for pole installation details."

41  
42 J-10.18

43 Key Note 12, reads: "Mounting Hole ~ See Standard Plan J-10.20 for mounting Details." Is  
44 revised to read: "Mounting Hole ~ See Standard Plan J-10.14 for mounting Details."  
45 General Note 12, reads: "See Standard Plan J-10.30 for pole installation details." Is revised  
46 to read: "See Standard Plan J-10.14 for pole installation details."

47  
48 J-20.26

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



1 J-20.16

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

3  
4 J-21.10

5 Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – “ANCHOR BOLTS ~  
6 3/4” (IN) x 30” (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY” IS REVISED TO  
7 READ: “ANCHOR BOLTS ~ 3/4” (IN) x 30” (IN) FULL THREAD ~ FOUR REQ'D. PER  
8 ASSEMBLY”

9 Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top of  
10 the foundation to find 2 #4 reinforcing bar shown, to read; 3” CLR.. Delete “(TYP.)” from the  
11 2 1/2” CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4  
12 reinf. Bar.

13 Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top of  
14 the foundation to find 1 #4 reinforcing bar shown, to read; 3” CLR. Delete “(TYP.)” from the  
15 2 1/2” CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4  
16 reinf. Bar.

17 Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top of  
18 the foundation to find 2 #4 reinforcing bar shown, to read; 3” CLR. Delete “(TYP.)” from the  
19 2 1/2” CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4  
20 reinf. Bar.

21 Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top of  
22 the foundation to find 1 #4 reinforcing bar shown, to read; 3” CLR. Delete “(TYP.)” from the  
23 2 1/2” CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4  
24 reinf. Bar.

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

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

30  
31 J-21.15

32 Partial View, callout, was – LOCK NIPPLE ~ 1 1/2” DIAM., is revised to read; CHASE  
33 NIPPLE ~ 1 1/2” (IN) DIAM.

34  
35 J-21.16

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

37  
38 J-22.15

39 Ramp Meter Signal Standard, elevation, dimension 4' - 6” is revised to read; 6'-0”

40 (2x) Detail A, callout, was – LOCK NIPPLE ~ 1 1/2” DIAM. is revised to read; CHASE  
41 NIPPLE ~ 1 1/2” (IN) DIAM.

42  
43 J-28.60

44 Note 1 “See Standard Plans C-8b and C-85.14 for foundation and anchor bolt details.” is  
45 revised to read “See contract for anchor bolt details. See Standard Plan C-85.15 for  
46 foundation details.”

47  
48 J-40.10

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

J-40.36

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

J-40.37

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

J-75.20

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

J-81.10

All references to "Type 170 Controller" are replaced with "Controller".

L-40.10

DELETED

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00.....8/7/07	A-30.35-00.....10/12/07	A-60.10-03.....12/23/14
A-10.20-00.....10/5/07	A-40.00-00.....8/11/09	A-60.20-03.....12/23/14
A-10.30-00.....10/5/07	A-40.10-04.....7/31/19	A-60.30-01.....6/28/18
A-20.10-00.....8/31/07	A-40.15-00.....8/11/09	A-60.40-00.....8/31/07
A-30.10-00.....11/8/07	A-40.20-04.....1/18/17	
A-30.30-01.....6/16/11	A-40.50-02.....12/23/14	
B-5.20-03.....9/9/20	B-30.50-03.....2/27/18	B-75.20-02.....2/27/18
B-5.40-02.....1/26/17	B-30.60-00.....9/9/20	B-75.50-01.....6/10/08
B-5.60-02.....1/26/17	B-30.70-04.....2/27/18	B-75.60-00.....6/8/06
B-10.20-02.....3/2/18	B-30.80-01.....2/27/18	B-80.20-00.....6/8/06
B-10.40-01.....1/26/17	B-30.90-02.....1/26/17	B-80.40-00.....6/1/06
B-10.70-01.....9/9/20	B-35.20-00.....6/8/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-35.40-00.....6/8/06	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-40.20-00.....6/1/06	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-40.40-02.....1/26/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-45.20-01.....7/11/17	B-85.50-01.....6/10/08
B-20.40-04.....2/27/18	B-45.40-01.....7/21/17	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-50.20-00.....6/1/06	B-90.20-00.....6/8/06
B-25.20-02.....2/27/18	B-55.20-02.....2/27/18	B-90.30-00.....6/8/06
B-25.60-02.....2/27/18	B-60.20-02.....9/9/20	B-90.40-01.....1/26/17
B-30.05-00.....9/9/20	B-60.40-01.....2/27/18	B-90.50-00.....6/8/06
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