



City of Tacoma  
Department of Public Works

# **SPECIFICATION NO. PW22-0779F**

## **I Street Overlay**

**Project No. PWK-G0040  
Federal Aid Project No. STP(UL)-3011(006)  
State Contract No. LA10031**

**CITY OF TACOMA**  
**DEPARTMENT OF PUBLIC WORKS**

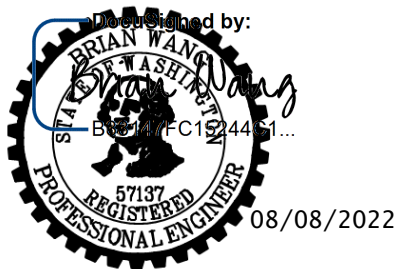
REQUEST FOR BIDS, SPECIAL PROVISIONS, BID PROPOSAL AND CONTRACT

FOR

**SPECIFICATION NO.**  
**PW22-0779F**

**I Street Overlay**

**PROJECT NO. PWK-G0040**



Brian Wang, P.E.  
Engineering Division  
Public Works Department

Jon Kulju, PMP  
Engineering Division  
Public Works Department

Room 520, Tacoma Municipal Building  
Tacoma, Washington 98421-2711

Room 522, Tacoma Municipal Building  
Tacoma, Washington 98421-2711

**TABLE OF CONTENTS**

NOTE: ALL BIDDERS MUST HAVE A COPY OF THE SPECIFICATIONS AND THE BID SUBMITTAL PACKAGE

REQUEST FOR BIDS

SPECIAL REMINDER TO ALL BIDDERS

**PART I BID PROPOSAL AND CONTRACT FORMS**

- 1 Bid Proposal
- 2 Bid Proposal Signature Sheet
- 3 Local Agency Certification for Federal-Aid Contracts
- 4 Bid Bond
- 5 Certification of Compliance with Wage Payment Statutes
- 6 Non-Collusion Declaration
- 7 State Responsibility and Reciprocal Bid Preference Information
- 8 DBE Utilization Certification
- 9 DBE Written Confirmation Document
- 10 DBE Bid Item Breakdown Form
- 11 DBE Trucking Credit Form
- 12 Acknowledgement
- 13 Contract
- 14 Payment Bond to the City of Tacoma
- 15 Performance Bond to the City of Tacoma
- 16 General Release Form

**PART II REQUIRED FEDERAL AID CONTRACT PROVISIONS**

**PART III SPECIAL PROVISIONS**

- |            |   |
|------------|---|
| Division 1 | General Requirements  |
| Division 2 | Earthwork   |
| Division 3 | Production from Quarry and Pit Sites and Stockpiling                          |
| Division 4 | Bases   |
| Division 5 | Surface Treatments and Pavements  |
| Division 6 | Structures (VANCANT)  |
| Division 7 | Drainage Structures, Storm Sewers, Sanitary Sewers, Water Mains, and Conduits |
| Division 8 | Miscellaneous Construction  |
| Division 9 | Materials   |
| Appendix A | WSDOT Standard Plans  |

**PART IV FEDERAL WAGE RATES**

**PART V STATE PREVAILING WAGE RATES**



**City of Tacoma  
Public Works Engineering**

**REQUEST FOR BIDS PW22-0779F  
I Street Overlay**

**Submittal Deadline: 11:00 a.m., Pacific Time, Tuesday, February 21, 2023**

Submittals must be received by the City's Procurement and Payables Division prior to 11:00 a.m. Pacific Time.

For electronic submittals, the City of Tacoma will designate the time of receipt recorded by our email, [bids@cityoftacoma.org](mailto:bids@cityoftacoma.org), as the official time of receipt. This clock will be used as the official time of receipt of all parts of electronic bid submittals.

**Submittal Delivery:** Sealed submittals will be received as follows:

**By Email:**

[bids@cityoftacoma.org](mailto:bids@cityoftacoma.org)

Maximum file size: 35 MB. Multiple emails may be sent for each submittal

**Bid Opening:** Sealed submittals in response to a RFB will be opened Tuesday's at 11AM by a purchasing representative and read aloud during a public bid opening held at the Tacoma Public Utilities Administrative Building North, 3628 S. 35<sup>th</sup> Street, Tacoma, WA 98409, conference room M-1, located on the main floor. They will also be held virtually Tuesday's at 11AM. Attend [via this link](#) or call 1 (253) 215 8782. Submittals in response to an RFP, RFQ or RFI will be recorded as received. As soon as possible, after 1:00 PM, on the day of submittal deadline, preliminary results will be posted to [www.TacomaPurchasing.org](http://www.TacomaPurchasing.org).

**Solicitation Documents:** An electronic copy of the complete solicitation documents may be viewed and obtained at the City's plan distribution service provider, ARC, 632 Broadway, Tacoma, WA, or by going to <http://www.e-arc.com/location/tacoma>. Prospective bidders will be required to pay reproduction costs. A list of vendors registered for this solicitation is also available at their website.

**Pre-Proposal Meeting:** A pre-proposal meeting will not be held.

**Project Scope:** This Contract shall generally consist of a grind and overlay of the intersection and one block in each direction of S I Street at 6th Avenue and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**Estimate:** \$865,000

**Paid Sick Leave:** The City of Tacoma requires all employers to provide paid sick leave as set forth in Title 18 of the Tacoma Municipal Code. For more information, visit [our Minimum Employment Standards Paid Sick Leave webpage](#).

**Americans with Disabilities Act (ADA Information):** The City of Tacoma, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. Specification materials can be made available in an alternate format by emailing Gail Himes at [ghimes@cityoftacoma.org](mailto:ghimes@cityoftacoma.org), or by calling her collect at 253-591-5785.

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



**Additional Information:** Requests for information regarding the specifications may be obtained by contacting Tina Eide, Senior Buyer by email to [teide@cityoftacoma.org](mailto:teide@cityoftacoma.org).

**Protest Policy:** City of Tacoma protest policy, located at [www.tacomapurchasing.org](http://www.tacomapurchasing.org), specifies procedures for protests submitted prior to and after submittal deadline.



**Meeting sites are accessible to persons with disabilities. Reasonable accommodations for persons with disabilities can be arranged with 48 hours advance notice by calling 253-502-8468.**

## **SPECIAL REMINDER TO ALL BIDDERS**

**HEALTH & SAFETY:** Be sure to comply with all City of Tacoma health and safety requirements.

**PLEASE NOTE:** Be sure you have complied with all specifications and requirements and have signed all required documents.

**YOUR ATTENTION IS PARTICULARLY CALLED** to the following forms, which must be executed in full and submitted with your bid response:

1. **BID PROPOSAL:** The unit prices bid must be shown in the space provided. Check your computations for omissions and errors.
2. **BID PROPOSAL SIGNATURE SHEET:** To be filled in and executed by a duly authorized officer or representative of the bidding entity. If the bidder is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.
3. **BID BOND:** The Bid Bond must be executed by the person legally authorized to sign the bid, and must be properly signed by the representatives of the surety company unless the bid is accompanied by a certified check. If Bid Bond is furnished, the form furnished by the City must be followed; no variations from the language thereof will be accepted. The amount of the Bid Bond must be not less than 5% of the total amount bid.
4. **CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES:** Bidder shall complete this form in its entirety to ensure compliance with state legislation (SHB 2017).
5. **NON-COLLUSION DECLARATION:** Must be returned by the bidder and included with the submittal.

**FAILURE TO RETURN THE AFOREMENTIONED NON-COLLUSION DECLARATION AND TO SUBMIT SAID DECLARATION WITH THE BID SHALL BE DUE CAUSE FOR REJECTION OF BID.**

6. **STATE RESPONSIBILITY AND RECIPROCAL BID PREFERENCE INFORMATION:** Bidder shall complete this form in its entirety to ensure compliance with state legislation (SHB 2010).

**FAILURE TO LIST SUBCONTRACTORS WILL RESULT IN THE BID BEING NON RESPONSIVE AND THEREFORE VOID.**

7. **DBE UTILIZATION CERTIFICATE:** For federal purposes, DBEs proposed to be used on this project shall be shown as a DBE listed in the current Office of Minority and Women's Business Enterprises (OMWBE) Directory, or who can produce written proof from OMWBE showing they were certified as a DBE as of the date fixed for opening bids. When DBE goals are established failure to submit this form will render the proposal as non-responsive. The federal DBE goal for this project is sixteen percent (16%).
8. **ACKNOWLEDGEMENT:** Must be signed by the bidder and be subscribed and sworn to before a Notary Public. Be sure all parties whose signatures are legally necessary have signed, whether the bidder be an individual, partnership or corporation.

**POST AWARD FORMS EXECUTED UPON AWARD:**

- A. CONTRACT: Must be executed by the successful bidder.
- B. PAYMENT BOND TO THE CITY OF TACOMA: Must be executed by the successful bidder and his/her surety company.
- C. PERFORMANCE BOND TO THE CITY OF TACOMA: Must be executed by the successful bidder and his/her surety company.
- D. CERTIFICATE OF INSURANCE: Shall be submitted with all required endorsements.
- E. GENERAL RELEASE.

**CODE OF ETHICS:** The successful bidder agrees that its violation of the City's Code of Ethics contained in TMC Chapter 1.46 shall constitute a breach of the contract subjecting the contract to termination.

## **PART I**

### **BID PROPOSAL AND CONTRACT FORMS**

## **BID PROPOSAL**

### **SPECIFICATION NO. PW22-0779F I Street Overlay**

The undersigned hereby certifies that he/she has examined the location and construction details of work as outlined on the Plans and Specifications for Project No. PWK-G0040 and has read and thoroughly understands the Plans and Specifications and contract governing the work embraced in this improvement and the method by which payment will be made for said work, and hereby proposes to undertake and complete the work embraced in this improvement in accordance with said Plans, Specifications and contract and at the following schedule of rates and prices:

- NOTE: 1. Unit prices of all items, all extensions and total amount of bid should be shown. Show unit prices in figures only.
2. The notations below the item numbers refer to the specification section where information may be found regarding each contract item. These notations are intended only as a guide and are not warranted to refer to all specification sections where information may be found.

<b>Item No.</b>	<b>Sect.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Total Amount</b>
R-1	1-05	Roadway Surveying	Lump Sum	1	Lump Sum	\$ _____
R-2	1-07	SPCC Plan	Lump Sum	1	Lump Sum	\$ _____
R-3	1-09	Mobilization	Lump Sum	1	Lump Sum	\$ _____
R-4	1-10	Pedestrian Traffic Control	Lump Sum	1	Lump Sum	\$ _____
R-5	1-10	Portable Changeable Message Sign	Hour	5,280	\$ _____	\$ _____
R-6	1-10	Uniformed Police Officer	Hour	100	\$ _____	\$ _____
R-7	1-10	Project Temporary Traffic Control	Lump Sum	1	Lump Sum	\$ _____
R-8	2-01	Clearing and Grubbing	Lump Sum	1	Lump Sum	\$ _____
R-9	2-03	Roadway Excavation, Incl. Haul	Cu. Yd.	62	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_  
Specification Number: PW22-0779F  
I Street Overlay

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-10	2-09	Structure Excavation Class B	Cu. Yd.	5	\$ _____	\$ _____
R-11	2-09	Shoring or Extra Excavation Class B	Sq. Ft.	64	\$ _____	\$ _____
R-12	2-14	Remove Existing Pavement, Type I, Class A4	Sq. Yd.	100	\$ _____	\$ _____
R-13	2-14	Remove Existing Pavement, Type I, Class C6	Sq. Yd.	300	\$ _____	\$ _____
R-14	2-14	Remove Existing Pavement, Type I, Class C12	Sq. Yd.	12	\$ _____	\$ _____
R-15	2-15	Remove Curb	Lin. Ft.	210	\$ _____	\$ _____
R-16	2-17	Subgrade Maintenance and Protection Plan	Lump Sum	1	Lump Sum	\$ _____
R-17	4-04	Crushed Surfacing Top Course	Ton	15	\$ _____	\$ _____
R-18	4-04	Crushed Surfacing Base Course	Ton	54	\$ _____	\$ _____
R-19	5-04	Planing Bituminous Pavement	Sq. Yd.	7,650	\$ _____	\$ _____
R-20	5-04	HMA CL 1/2" PG 58H-22 for Temporary Pavement Patch	Ton	5	\$ _____	\$ _____
R-21	5-04	Fiber Reinforced HMA CL 1/2" PG58H-22	Ton	968	\$ _____	\$ _____
R-22	5-05	Cement Concrete Pavement 8-Inch Section	Sq. Yd.	12	\$ _____	\$ _____
R-23	7-05	Adjust Existing Catch Basin, Furnish New Frame and Grate	Each	5	\$ _____	\$ _____
R-24	7-05	Adjust Existing Valve Chamber to Grade	Each	11	\$ _____	\$ _____
R-25	7-05	Catch Basin Type 1	Each	1	\$ _____	\$ _____
R-26	7-05	Adjust Existing Sewer Cleanout to Grde	Each	1	\$ _____	\$ _____
R-27	7-05	Connect New Sewer Pipe to Existing Structure	Each	1	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification Number: PW22-0779F

I Street Overlay

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-28	7-05	Adjust Existing Manhole Furnish New Frame and Lid	Each	6	\$ _____	\$ _____
R-29	7-17	PVC Storm Sewer Pipe 12 in. Diam.	Lin. Ft.	8	\$ _____	\$ _____
R-30	8-01	Erosion/Water Pollution Control	Lump Sum	1	Lump Sum	\$ _____
R-31	8-01	Stormwater Pollution Prevention Plan (SWPPP)	Lump Sum	1	Lump Sum	\$ _____
R-32	8-02	Site Restoration	Lump Sum	1	Lump Sum	\$ _____
R-33	8-04	Cement Conc. Traffic Curb	Lin. Ft.	310	\$ _____	\$ _____
R-34	8-06	Cement Conc. Driveway Entrance	Sq. Yd.	100	\$ _____	\$ _____
R-35	8-09	Raised Pavement Marker Type 2	Hun.	2	\$ _____	\$ _____
R-36	8-13	Poured Monument	Each	1	\$ _____	\$ _____
R-37	8-14	Cement Conc. Sidewalk	Sq. Yd.	30	\$ _____	\$ _____
R-38	8-20	Remove and Replace Junction Box	Each	2	\$ _____	\$ _____
R-39	8-21	Permanent Signing	Lump Sum	1	Lump Sum	\$ _____
R-40	8-22	Plastic Line	Lin. Ft.	4550	\$ _____	\$ _____
R-41	8-22	Plastic Stop Line	Lin. Ft.	105	\$ _____	\$ _____
R-42	8-22	Plastic Traffic Letter	Lin. Ft.	4	\$ _____	\$ _____
R-43	8-22	Plastic Traffic Arrow	Lin. Ft.	2	\$ _____	\$ _____
R-44	8-22	Plastic Wide Line	Lin. Ft.	1650	\$ _____	\$ _____
R-45	8-22	Plastic Crosswalk	Lin. Ft.	700	\$ _____	\$ _____
R-46	8-22	Plastic Bike Lane Symbol	Each	6	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification Number: PW22-0779F

I Street Overlay

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-47	8-30	Plastic Sharrow Symbol	Each	4	\$ _____	\$ _____
R-48	8-23	Temporary Pavement Marking – Short Duration	Lin. Ft.	6500	\$ _____	\$ _____

**TOTAL BASE BID FOR ITEMS R-1 THRU R-48**                      \$ \_\_\_\_\_

### **Proposal for Incorporating Recycled Materials into the Project**

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

Proposed total percentage: \_\_\_\_\_ percent.

Note: Use of recycled materials is highly encouraged within the limits shown above, but does not constitute a Bidder Preference, and will not affect the determination of award, unless two or more lowest responsive Bid totals are exactly equal, in which case proposed recycling percentages will be used as a tie-breaker, per the APWA GSP in Section 1-03.1 of the Special Provisions.

Regardless, the Bidder's stated proposed percentages will become a goal the Contractor should do its best to accomplish. Bidders will be required to report on recycled materials actually incorporated into the Project, in accordance with the APWA GSP in Section 1-06.6 of the Special Provisions.

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

Signature of Authorized Official: \_\_\_\_\_

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

Contractor's Name: \_\_\_\_\_

Specification Number: PW22-0779F

I Street Overlay



## **BID PROPOSAL SIGNATURE SHEET**

The total bid price for completion of all the work required in accordance with the Plans and specifications, together with any and all Addenda issued as a Supplement thereto, is

\$\_\_\_\_\_ (GRAND TOTAL FROM BID PROPOSAL)

ACKNOWLEDGMENT OF ADDENDUM FOR:  
PW22-0779F

I Street Overlay

#1 \_\_\_\_\_ (initial)  
#2 \_\_\_\_\_ (initial)  
#3 \_\_\_\_\_ (initial)  
#4 \_\_\_\_\_ (initial)

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

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

Print Name: \_\_\_\_\_

Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor's Registration Number: \_\_\_\_\_

- NOTE: 1. If the bidder is a co-partnership, so state, giving firm name under which business is transacted.
2. If the bidder is a corporation, this Bid Proposal must be executed by its duly authorized officials.
3. The bidder agrees, by submitting a bid under these Specifications, that in the event any litigation should arise concerning the submission of bids or the award of contract under this Specification or Request for Bids, the venue of such action or litigation shall be in the Superior Court of the State of Washington, in and for the County of Pierce.

CITY OF TACOMA

Elizabeth Pauli  
CITY MANAGER

# 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.

Herewith find deposit in the form of a cashier's check in the amount of \$\_\_\_\_\_ which amount is not less than 5-percent of the total bid.

SIGN HERE\_\_\_\_\_

---

---

## BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, \_\_\_\_\_, as Principal, and \_\_\_\_\_, as Surety, are held and firmly bound unto the City of Tacoma, as Obligee, in the penal sum of \_\_\_\_\_ dollars, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, by these presents.

The condition of this obligation is such that if the Obligee shall make any award to the Principal for

according to the terms of the proposal or bid made by the Principal therefor, and the Principal shall duly make and enter into a contract with the Obligee in accordance with the terms of said proposal or bid and award and shall give bond for faithful performance thereof, with Surety or Sureties approved by the Obligee; or if the Principal shall, in case of failure to do so, pay and forfeit to the Obligee the penal amount of the deposit specified in the call for bids, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect and the Surety shall forthwith pay and forfeit to the Obligee, as penalty and liquidated damages, the amount of this bond.

SIGNED, SEALED AND DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

PRINCIPAL:

SURETY:

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

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

---

---

\_\_\_\_\_, 20\_\_\_\_\_

Received return of deposit in the sum of \$ \_\_\_\_\_

\_\_\_\_\_



City of Tacoma

## Certification of Compliance with Wage Payment Statutes

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (**January 31, 2023**), that the bidder is not a “willful” violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

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

\_\_\_\_\_  
Bidder

\_\_\_\_\_  
Signature of Authorized Official\*

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

**Check One:**

Individual ☐

Partnership ☐

Joint Venture ☐

Corporation ☐

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

\_\_\_\_\_

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

\_\_\_\_\_

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

**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.

Specification No. \_\_\_\_\_

Name of Bidder: \_\_\_\_\_

## State Responsibility and Reciprocal Bid Preference Information

Certificate of registration as a contractor  
(Must be in effect at the time of bid submittal):

Number: \_\_\_\_\_

Effective Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Current Washington Unified Business Identifier  
(UBI) Number:

Number: \_\_\_\_\_

Do you have industrial insurance (workers' compensation)  
Coverage nor your employees working in Washington?

☐ Yes      ☐ No  
☐ Not Applicable

Washington Employment Security Department Number

Number: \_\_\_\_\_

☐ Not Applicable

Washington Department of Revenue state excise tax  
Registration number:

Number: \_\_\_\_\_

☐ Not Applicable

Have you been disqualified from bidding any public  
works contracts under RCW 39.06.010 or 39.12.065(3)?

☐ Yes      ☐ No  
If yes, provide an explanation of your  
disqualification on a separate page.

Do you have a physical office located in the state of  
Washington?

☐ Yes      ☐ No

If incorporated, in what state were you incorporated?

State: \_\_\_\_\_ ☐ Not Incorporated

If not incorporated, in what state was your business  
entity formed?

State: \_\_\_\_\_

Have you completed the training required by RCW  
39.04.350, or are you on the list of exempt businesses  
maintained by the Department of Labor and Industries?

☐ Yes      ☐ No



## 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: \_\_\_\_\_ 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: \_\_\_\_\_

Column 1  <b>Name of DBE</b> (See instructions)	Column 2  <b>Project Role</b> (See instructions)	Column 3  <b>Description of Work</b> (See instructions)	Column 4  <b>Dollar Amount Subcontracted to DBE</b> (See instructions)	Column 5  <b>Dollar Amount to be Applied Towards Goal</b> (See instructions)

Disadvantaged Business Enterprise \_\_\_\_\_  
Condition of Award Contract Goal Box 3

Total DBE Commitment Dollar Amount \_\_\_\_\_  
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

# 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.**



## 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

Column 1  <b>Name of DBE</b> <small>See instructions)</small>	Column 2  <b>Project Role</b> <small>See instructions)</small>	Column 3  <b>Description of Work</b> <small>See instructions)</small>	Column 4  <b>Dollar Amount Subcontracted to DBE</b> <small>See instructions)</small>	Column 5  <b>Dollar Amount to be Applied Towards Goal</b> <small>See instructions)</small>
A Plus Construction Company	Prime	Asphalt and concrete paving, asphalt milling, preleveling and pavement repair	N/A	900,000
In the Line Services, Inc.	Subcontractor (Force Account)	Crack sealing	20,000	10,000
In the Line Services, Inc.	Subcontractor	Guideposts, joint seal, pavement markers, temporary signage, construction sign installation	200,000	200,000
The Everything Guys, LLC	Regular Dealer	Rental and sales of highway construction and related equipment and materials	100,000	60,000
Optimus Prime Trucking, Inc.	Subcontractor	Dump Trucking	50,000	50,000
Metalheads, Inc.	Manufacturer	Dowel Bars	75,000	75,000
Erosion Under Control Co.	Broker	Erosion control blankets, straw bales and wattles, sand bags	15,000	250

EXAMPLE

Disadvantaged Business Enterprise 356,968.16  
Condition of Award Contract Goal Box 3

Total DBE Commitment Dollar Amount 1,295,250  
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



*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: \_\_\_\_\_

\_\_\_\_\_



# 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)
Subtotal:							
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:							
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:							
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:							
Name of UDBE	Bid Item #	Full/Partial	Quantity	Description	Unit Price	Total Unit Cost	Dollar Amount to be Applied Towards Goal
Subtotal:							
TOTAL UDBE Dollar Amount:							

## 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 fulfil 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		
		I certify that the above information is complete and accurate.
Email		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		
Phone	Fax	Signature
Address		
		I certify that the above information is complete and accurate.
Email		Date

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.**

## ACKNOWLEDGMENT

SPECIFICATION NO. PW22-0779F

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

The undersigned hereby agrees to pay labor not less than the prevailing rates of wages in accordance with the requirements of the Special provisions for this project.

A bid 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 CITY TREASURER  
BID BOND             \_\_\_\_\_ IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID

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

SIGNATURE OF AUTHORIZED OFFICIAL(S)

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

Firm Name \_\_\_\_\_

Signed and sworn to (or affirmed) before me on \_\_\_\_\_  
Date

\_\_\_\_\_  
Notary Public

My appointment expires \_\_\_\_\_  
(Seal or Stamp)

### NOTE:

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

# CONTRACT

Resolution No.  
Contract No.

This Contract is made and entered into effective this \_\_\_\_\_ day of Choose an item. 20\_\_\_\_, ("Effective Date") by and between the City of Tacoma, a Municipal Corporation of the State of Washington ("City"), and ("Contractor").

That in consideration of the mutual promises and obligations hereinafter set forth the Parties hereto agree as follows:

- I. Contractor shall fully execute and diligently and completely perform all work and provide all services and deliverables described herein and in the items listed below each of which are fully incorporated herein and which collectively are referred to as "Contract Documents":

- 
1. Specification No. \_\_\_\_\_ and \_\_\_\_\_ together with all authorized addenda.
  2. Contractor's submittal (or specifically described portions thereof) dated \_\_\_\_\_ submitted in response to Specification No. \_\_\_\_\_ and \_\_\_\_\_.
  3. Describe with specific detail and list separately any other documents that will make up the contract (fee schedule, work schedule, authorized personnel etc.) or any other additional items mutually intended to be binding upon the parties.
- 

Remove this paragraph and #1 and #2 if there are no additional attachments to the contract (attachments would be things other than a specific, contract, or bonds).

In the event of a conflict or inconsistency between the terms and conditions contained in this document entitled Contract and any terms and conditions contained the above referenced Contract Documents the following order of precedence applies with the first listed item being the most controlling and the last listed item the least controlling:

1. Contract
2. List remaining Contract Documents in applicable controlling order.

- II. The total price to be paid by City for Contracts full and complete performance hereunder may not exceed: \_\_\_\_\_, plus applicable sales tax.
- III. Contractor agrees to accept as full payment hereunder the amounts specified herein and in Contract Documents, and the City agrees to make payments at the times and in the manner and upon the terms and conditions specified. Except as may be otherwise provided herein or in Contract Documents 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 and providing the services and deliverables required by this Contract.
- IV. Contractor acknowledges, and by signing this Contract agrees, that the Indemnification provisions set forth in the controlling Contract Documents, including the Industrial Insurance immunity waiver (if applicable), are totally and fully part of this Contract and, within the context of the competitive bidding laws, have been mutually negotiated by the Parties hereto.
- V. Contractor and for its heirs, executors, administrators, successors, and assigns, does hereby agree to the full performance of all the requirements contained herein and in Contract Documents.
- VI. It is further provided that no liability shall attach to City by reason of entering into this Contract, except as expressly provided herein.

IN WITNESS WHEREOF, the Parties hereto have accepted and executed, as of the Effective Date stated above, which shall be Effective Date for bonding purposes as applicable.

CITY OF TACOMA:

CONTRACTOR:

By: \_\_\_\_\_  
*Enter title of dept or div staff w/auth to sign for this \$ amt*

By: \_\_\_\_\_  
*Signature*

By: \_\_\_\_\_  
*Choose an item.*

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



By: \_\_\_\_\_  
*Director of Finance*

\_\_\_\_\_  
*Title*

APPROVED AS TO FORM:

By: \_\_\_\_\_  
*City Attorney*

Sample



## PAYMENT BOND TO THE CITY OF TACOMA

Resolution No.  
Bond No.

That we, the undersigned,

as principal, and \_\_\_\_\_  
as a surety, are jointly and severally held and firmly bound to the CITY OF TACOMA, in the penal sum of,  
\$ \_\_\_\_\_, for the payment whereof Contractor and Surety bind themselves,  
their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents.

This obligation is entered into in pursuance of the statutes of the State of Washington, the Ordinances of the City of Tacoma.

WHEREAS, under and pursuant to the City Charter and general ordinances of the City of Tacoma, the said City has or is about to enter with the above bounden principal, a contract, providing for

Specification No. \_\_\_\_\_

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

Contract No. \_\_\_\_\_

(which contract is referenced to herein and is made a part hereof as though attached hereto), and

WHEREAS, the said principal has accepted, the said contract, and undertake to perform the work therein provided for in the manner and within the time set forth.

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 39.08, 39.12, and 60.28, including all workers, laborers, mechanics, subcontractors, and materialmen, and all person 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 Titles 50 and 51 RCW and all taxes imposed on the Principal under Title 82 RCW; and if such payment obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract shall in any way affect its obligation on this bond, and waives notice of any changes, 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.

No suit or action shall be commenced hereunder by any claimant unless claimant shall have given the written notices to the City, and where required, the Contractor, in accordance with RCW 39.08.030.

The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of claims which may be properly filed in accordance with RCW 39.08 whether or not suit is commenced under and against this bond.

If any claimant shall commence suit and obtain judgment against the Surety for recovery hereunder, then the Surety, in addition to such judgment and attorney fees as provided by RCW 39.08.030, shall also pay such costs and attorney fees as may be incurred by the City as a result of such suit. Venue for any action arising out of or in connection with this bond shall be in Pierce County, WA.

Surety companies executing bonds must be authorized to transact 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. Department of the Treasury.

Resolution No.  
Bond No.  
Specification No.  
Contract No.

One original bond shall be executed, and be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed power of attorney for the office executing on behalf of the surety.

Principal: Enter Vendor Legal Name

\_\_\_\_\_

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

Surety:

\_\_\_\_\_

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

Agent's Name: \_\_\_\_\_

Agent's Address: \_\_\_\_\_

SAMPLE



## PERFORMANCE BOND TO THE CITY OF TACOMA

Resolution No.  
Bond No.

That we, the undersigned,

as principal, and

as a surety, are jointly and severally held and firmly bound to the CITY OF TACOMA, in the penal sum of

\$ \_\_\_\_\_, for the payment whereof Contractor and Surety bind themselves,

their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents.

This obligation is entered into in pursuance of the statutes of the State of Washington, the Ordinances of the City of Tacoma.

WHEREAS, under and pursuant to the City Charter and general ordinances of the City of Tacoma, the said City has or is about to enter with the above bounden principal, a contract, providing for

Specification No. \_\_\_\_\_

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

Contract No. \_\_\_\_\_

(which contract is referenced to herein and is made a part hereof as though attached hereto), and

WHEREAS, the said principal has accepted, the said contract, and undertake to perform the work therein provided for in the manner and within the time set forth.

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 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 force and effect.

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

If the City shall commence suit and obtain judgment against the Surety for recovery hereunder, then the Surety, in addition to such judgement, shall pay all costs and attorney's fees incurred by the City in enforcement of its rights hereunder. Venue for any action arising out of in connection with this bond shall be in Pierce County, Washington.

Surety companies executing bonds must be authorized to transact 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. Department of the Treasury.

One original bond shall be executed, and signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed power of attorney for the office executing on behalf of the surety.

Principal: Enter Vendor Legal Name

\_\_\_\_\_

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

Surety:

\_\_\_\_\_

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

Agent's Name: \_\_\_\_\_

Agent's Address: \_\_\_\_\_

## GENERAL RELEASE TO THE CITY OF TACOMA

The undersigned, named as the contractor for \_\_\_\_\_  
between \_\_\_\_\_ and the City of Tacoma,  
(Themselves or Itself)  
dated \_\_\_\_\_, 20\_\_\_\_, hereby releases the City of Tacoma, its departmental officers and agents from any and all claim or claims whatsoever in any manner whatsoever at any time whatsoever arising out of and/or in connection with and/or relating to said contract, excepting only the equity of the undersigned in the amount now retained by the City of Tacoma under said contract, to-wit the sum of \$\_\_\_\_\_.  
  
Signed at Tacoma, Washington this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Contractor

By \_\_\_\_\_

Title \_\_\_\_\_

**PART II**

**REQUIRED FEDERAL AID  
CONTRACT PROVISIONS**

## REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Non-segregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

### ATTACHMENTS

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

### I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under title 23, United States Code, as required in 23 CFR 633.102(b) (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). 23 CFR 633.102(e).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider. 23 CFR 633.102(e).

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services) in accordance with 23 CFR 633.102. The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract). 23 CFR 633.102(b).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work

performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract. 23 CFR 633.102(d).

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

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

### II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

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

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

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

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

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

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

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract. 23 CFR 230.409 (g)(4) & (5).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action



within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

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

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

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

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

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

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. 23 CFR 230.409. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

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

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

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

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide

sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

#### **8. Reasonable Accommodation for Applicants /**

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

#### **9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:**

The contractor shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

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

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

#### **10. Assurances Required:**

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

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

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

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

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

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

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

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

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

### III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, the contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location under the contractor's control where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

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

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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

#### 1. Minimum wages (29 CFR 5.5)

a. 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, 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 Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(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 (29 CFR 5.5)**

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 (29 CFR 5.5)**

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. 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 29 CFR 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), 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 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 18 U.S.C. 1001 and 31 U.S.C. 231.

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 (29 CFR 5.5)**

##### **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. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to 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 as provided in 29 CFR 5.5.

**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 as provided in 29 CFR 5.5.

**9. Disputes concerning labor standards.** As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor

set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

#### **10. Certification of eligibility (29 CFR 5.5)**

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**

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

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph 1 of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. 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 currently provided in 29 CFR 5.5(b)(2)\* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1 of this section. 29 CFR 5.5.

\* \$27 as of January 23, 2019 (See 84 FR 213-01, 218) as may be adjusted annually by the Department of Labor; pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990).

### **3. Withholding for unpaid wages and liquidated damages.**

The FHWA or 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 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. 29 CFR 5.5.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs 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. 29 CFR 5.5.

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

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

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

a. The term "perform work with its own organization" in paragraph 1 of Section VI refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or

equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

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

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

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance

with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

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

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

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

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

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

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

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

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

### **IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)**

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.326.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders

or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.326.

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

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

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

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

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant

who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

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

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

\* \* \* \* \*

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

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

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;.

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

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

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

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

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

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is



submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

\*\*\*\*\*

#### **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:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(b) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(c) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

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

\*\*\*\*\*

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

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

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

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

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

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

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier

subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

## **XII. USE OF UNITED STATES-FLAG VESSELS:**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS  
PREFERENCE FOR APPALACHIAN DEVELOPMENT  
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS  
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

## **PART III**

### **SPECIAL PROVISIONS**

## Table of Contents

INTRODUCTION TO THE SPECIAL PROVISIONS.....	1
DESCRIPTION OF WORK.....	1
<b>1-01.3 Definitions.....</b>	<b>2</b>
1-02 BID PROCEDURES AND CONDITIONS.....	4
<b>1-02.1 Prequalification of Bidders .....</b>	<b>4</b>
<b>1-02.1 Qualifications of Bidder .....</b>	<b>4</b>
<b>1-02.2 Plans and Specifications .....</b>	<b>4</b>
<b>1-02.4(1) General .....</b>	<b>4</b>
<b>1-02.5 Proposal Forms .....</b>	<b>5</b>
<b>1-02.6 Preparation of Proposal.....</b>	<b>5</b>
<b>1-02.6(1) Recycled Materials Proposal.....</b>	<b>6</b>
<b>1-02.7 Bid Deposit .....</b>	<b>6</b>
<b>1-02.9 Delivery of Proposal.....</b>	<b>6</b>
<b>1-02.10 Withdrawing, Revising, or Supplementing Proposal .....</b>	<b>8</b>
<b>1-02.12 Public Opening of Proposals.....</b>	<b>8</b>
<b>1-02.13 Irregular Proposals.....</b>	<b>8</b>
<b>1-02.14 Disqualification of Bidders .....</b>	<b>9</b>
<b>1-02.15 Pre Award Information .....</b>	<b>10</b>
1-03 AWARD AND EXECUTION OF CONTRACT .....	11
<b>1-03.1 Consideration of Bids .....</b>	<b>11</b>
<b>1-03.1(1) Identical Bid Totals .....</b>	<b>11</b>
<b>1-03.3 Execution of Contract .....</b>	<b>11</b>
<b>1-03.4 Contract Bond .....</b>	<b>12</b>
1-04 SCOPE OF THE WORK.....	14
<b>1-04.2 Coordination of Contract Documents, Plans, Special Provisions,     Specifications, and Addenda.....</b>	<b>14</b>
<b>1-04.4 Changes .....</b>	<b>14</b>
1-05 CONTROL OF WORK.....	15
<b>1-05.4 Conformity With and Deviations from Plans and Stakes.....</b>	<b>15</b>
<b>1-05.4(1) Contracting Agency Provided Construction Staking .....</b>	<b>15</b>
<b>1-05.4(1)A General.....</b>	<b>15</b>
<b>1-05.4(1)B Control Stakes .....</b>	<b>15</b>
<b>1-05.4(1)C Survey Requests .....</b>	<b>15</b>
<b>1-05.4(1)D Staking Services .....</b>	<b>16</b>

1-05.4(1)E Monuments.....	18
1-05.7 Removal of Defective and Unauthorized Work.....	19
1-05.11 Final Inspection .....	19
1-05.11 Final Inspections and Operational Testing.....	19
1-05.11(1) Substantial Completion Date.....	19
1-05.11(2) Final Inspection and Physical Completion Date .....	20
1-05.11(3) Operational Testing.....	20
1-05.13 Superintendents, Labor and Equipment of Contractor.....	21
1-05.15 Method of Serving Notices .....	21
1-05.16 Water and Power .....	21
1-05.18 Record Drawings .....	21
1-06 CONTROL OF MATERIAL .....	24
1-06.1 Approval of Materials Prior to Use .....	26
1-06.6 Recycled Materials .....	27
1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC .....	28
1-07.1 Laws to be Observed .....	28
1-07.2 State Tax .....	29
1-07.2(1) State Sales Tax — Rule 171.....	29
1-07.2(2) State Sales Tax — Rule 170.....	29
1-07.2(3) Services .....	30
1-07.4(2) Health Hazards .....	30
1-07.9 Wages.....	30
1-07.9(5) Required Documents .....	31
1-07.11 Requirements for Nondiscrimination.....	32
1-07.12 Federal Agency Inspection .....	46
1-07.17 Utilities and Similar Facilities .....	46
1-07.18 Public Liability and Property Damage Insurance .....	47
1-07.18 Insurance .....	47
1-07.18(1) General Requirements .....	47
1-07.18(2) Additional Insured.....	48
1-07.18(3) Subcontractors.....	48
1-07.18(4) Verification of Coverage .....	49
1-07.18(5) Coverages and Limits .....	49
1-07.18(5)A Commercial General Liability.....	49
1-07.18(5)B Automobile Liability .....	50
1-07.18(5)C Workers' Compensation.....	50

1-07.18(5)J Pollution Liability .....	50
1-07.23 Public Convenience and Safety.....	50
1-07.23(1) Construction Under Traffic.....	50
1-07.23(2) Construction and Maintenance of Detours.....	53
1-07.24 Rights of Way .....	54
1-08 PROSECUTION AND PROGRESS.....	56
1-08.0 Preliminary Matters .....	56
1-08.0(1) Preconstruction Conference .....	56
1-08.0(2) Hours of Work .....	56
1-08.1 Subcontracting .....	57
1-08.3(2)A Type A Progress Schedule .....	57
1-08.4 Prosecution of Work .....	58
1-08.4 Notice to Proceed and Prosecution of Work .....	58
1-08.5 Time for Completion.....	58
1-08.6 Suspension of Work.....	59
1-08.9 Liquidated Damages .....	60
1-09 MEASUREMENT AND PAYMENT .....	61
1-09.2(1) General Requirements for Weighing Equipment .....	61
1-09.6 Force Account .....	61
1-09.7 Mobilization .....	61
1-09.9 Payments .....	62
1-09.9(1) Retainage.....	64
1-09.13(3)A Arbitration General .....	64
1-10 TEMPORARY TRAFFIC CONTROL .....	65
1-10.1(2) Description .....	65
1-10.2 Traffic Control Management.....	65
1-10.2(1) General .....	65
1-10.3(1)B Other Traffic Control Labor.....	66
1-10.4 Measurement .....	67
1-10.4(2) Item Bids With Lump Sum for Incidentals.....	67
1-10.5 Payment .....	67
2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP.....	68
2-01.1 Description.....	68
2-01.2 Disposal of Usable Material and Debris.....	68
2-01.3(1) Clearing.....	68
2-01.3(1)A Tree Protection .....	68

2-01.3(2) Grubbing.....	69
2-01.3(5) Definition of Vegetation .....	69
2-01.3(5) Tree and Stump Classifications .....	69
2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS .....	70
2-02.3(3) Removal of Pavement, Sidewalks, and Curbs.....	70
2-03 ROADWAY EXCAVATION AND EMBANKMENT .....	71
2-03.1 Description.....	71
2-03.3(5) Slope Treatment .....	71
2-03.3(19) Removal of Pavement, Sidewalks, Curbs, and Gutters .....	71
2-06 SUBGRADE PREPARATION.....	72
2-06.3 Construction Requirements.....	72
2-06.5 Measurement and Payment .....	72
2-06.5(2) Subgrade Not Constructed Under Same Contract.....	72
2-07 WATERING .....	73
2-07.3 Construction Requirements.....	73
2-07.3(1) Water Supplied from Hydrants .....	73
2-09 STRUCTURE EXCAVATION .....	74
2-09.4 Measurement .....	74
2-09.5 Payment .....	74
2-14 PAVEMENT REMOVAL .....	75
2-14.1 Description.....	75
2-14.2 Pavement Classification .....	75
2-14.3 Construction Requirements.....	76
2-14.4 Measurement .....	76
2-14.5 Payment .....	76
2-15 CURB AND CURB AND GUTTER REMOVAL .....	77
2-15.1 Description.....	77
2-15.2 Curb Classification.....	77
2-15.3 Construction Requirements.....	77
2-15.4 Measurement .....	77
2-15.5 Payment .....	77
3-04 ACCEPTANCE OF AGGREGATE.....	78
3-04.1 Description.....	78
3-04.3(1) General .....	78
3-04.3(4) Testing Results .....	78
3-04.3(6) Statistical Evaluation .....	78



4-04	BALLAST AND CRUSHED SURFACING .....	79
4-04.5	Payment .....	79
5-04	HOT MIX ASPHALT .....	80
5-04.2	Materials.....	80
5-04.2(1)	How to Get an HMA Mix Design on the QPL.....	80
5-04.2(2)	Mix Design – Obtaining Project Approval .....	80
5-04.2(2)B	Using HMA Additives .....	81
5-04.2(1)D	Fiber Reinforced HMA .....	81
5-04.3	Construction Requirements.....	82
5-04.3(2)	Paving Under Traffic .....	82
5-04.3(3)C	Pavers.....	82
5-04.3(3)D	Material Transfer Device or Material Transfer Vehicle .....	82
5-04.3(4)C	Pavement Repair .....	83
5-04.3(6)	Mixing .....	83
5-04.3(8)	Aggregate Acceptance prior to Incorporation in HMA .....	84
5-04.3(9)	HMA Mixture Acceptance .....	84
5-04.3(9)A	Test Sections .....	84
5-04.3(9)B	Mixture Acceptance – Statistical Evaluation .....	85
5-04.3(9)B	Mixture Acceptance – Nonstatistical Evaluation .....	85
5-04.3(9)B1	Mixture Statistical Evaluation – Lots and Sublots.....	85
5-04.3(9)B1	Mixture Nonstatistical Evaluation – Lots and Sublots .....	85
5-04.3(9)E	Mixture Acceptance – Notification of Acceptance Test Results.....	85
5-04.3(10)B	HMA Compaction - Cyclic Density .....	86
5-04.3(10)C1	HMA Compaction Statistical Evaluation – Lots and Sublots.....	86
5-04.3(10)C2	HMA Compaction Statistical Evaluation – Acceptance Testing .....	86
5-04.3(10)C2	HMA Compaction Nonstatistical Evaluation – Acceptance Testing.....	86
5-04.3(17)	Fiber Reinforced HMA.....	86
5-04.4	Measurement .....	87
5-04.5	Payment .....	87
5-05	CEMENT CONCRETE PAVEMENT .....	89
5-05.1	Description.....	89
5-05.3	Construction Requirements.....	89
5-05.3(1)	Concrete Mix Design for Paving.....	89
5-05.3(4)A	Acceptance of Portland Cement Concrete Pavement.....	89
5-05.3(8)	Joints .....	89
5-05.3(11)	Finishing .....	89

<b>5-05.3(14) Cold Weather Work .....</b>	<b>90</b>
<b>5-05.4 Measurement .....</b>	<b>90</b>
<b>5-05.5 Payment .....</b>	<b>91</b>
7-04 STORM SEWERS .....	92
7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS .....	93
<b>7-05.1 Description.....</b>	<b>93</b>
<b>7-05.3 Construction Requirements.....</b>	<b>93</b>
<b>7-05.3(1) Adjusting Manholes and Catch Basins to Grade .....</b>	<b>93</b>
<b>7-05.3(1) Adjusting Utility Structures to Grade .....</b>	<b>93</b>
<b>7-05.3(3) Connections to Existing Manholes .....</b>	<b>93</b>
<b>7-05.4 Measurement .....</b>	<b>93</b>
<b>7-05.5 Payment .....</b>	<b>94</b>
7-07 CLEANING EXISTING DRAINAGE STRUCTURES .....	96
<b>7-07.3 Construction Requirements.....</b>	<b>96</b>
<b>7-07.5 Payment .....</b>	<b>96</b>
7-08 GENERAL PIPE INSTALLATION REQUIREMENTS.....	97
<b>7-08.3(1)A Trenches .....</b>	<b>97</b>
<b>7-08.3(1)C Bedding the Pipe .....</b>	<b>97</b>
<b>7-08.3(2)F Plugs and Connections .....</b>	<b>97</b>
<b>7-08.3(2)G Jointing of Dissimilar Pipe.....</b>	<b>97</b>
<b>7-08.3(3) Backfilling.....</b>	<b>97</b>
<b>7-08.3(5) Temporary Bypass Pumping.....</b>	<b>98</b>
<b>7-08.3(6) Abandon Existing Pipe .....</b>	<b>99</b>
<b>7-08.4 Measurement .....</b>	<b>99</b>
<b>7-08.5 Payment .....</b>	<b>99</b>
7-17 SANITARY SEWERS .....	101
<b>7-17.1 Description.....</b>	<b>101</b>
<b>7-17.2 Materials.....</b>	<b>101</b>
<b>7-17.3 Construction Requirements.....</b>	<b>101</b>
<b>7-17.3(2)A General .....</b>	<b>101</b>
<b>7-17.3(2)H Television Inspection .....</b>	<b>101</b>
<b>7-17.4 Measurement .....</b>	<b>101</b>
<b>7-17.5 Payment .....</b>	<b>102</b>
8-01 EROSION CONTROL AND WATER POLLUTION CONTROL .....	103
<b>8-01.1 Description.....</b>	<b>103</b>
<b>8-01.3(1) General .....</b>	<b>103</b>

8-01.3(1)A Submittals .....	103
8-01.3(1)B Erosion and Sediment Control (ESC) Lead.....	104
8-01.3(1)C Water Management.....	105
8-01.3(2) Temporary Seeding and Mulching .....	105
8-01.3(2)B Temporary Seeding .....	106
8-01.3(2)D Temporary Mulching .....	106
8-01.3(2)E Tackifiers.....	106
8-01.3(7) Stabilized Construction Entrance .....	106
8-01.3(8) Street Cleaning.....	107
8-01.3(9)D Inlet Protection .....	107
8-01.3(10) Wattles .....	107
8-01.4 Measurement .....	107
8-01.4(2) Item Bids.....	107
8-01.5 Payment .....	107
8-01.5(2) Item Bids.....	108
8-02 ROADSIDE RESTORATION .....	109
8-02.2 Materials.....	109
8-02.3 Construction Requirements.....	109
8-02.3(5)B Lawn Area Preparation.....	109
8-02.3(5) Roadside Seeding, Lawn and Planting Area Preparation.....	109
8-02.3(5)C Planting Area Preparation.....	109
8-02.3(6) Mulch and Amendments.....	109
8-02.3(8)C Pruning, Staking, Guying and Wrapping .....	110
8-02.3(8)D Root Barrier .....	110
8-02.3(8)E Tree Watering Bags .....	110
8-02.3(9) Seeding, Fertilizing, and Mulching.....	110
8-02.3(9)A Dates for Seed Application .....	110
8-02.3(9)B Seeding and Fertilizing .....	111
8-02.3(10) Lawn Installation .....	111
8-02.3(10)A Dates and Conditions for Lawn Installation.....	111
8-02.3(10)B Lawn Seeding and Sodding .....	111
8-02.3(10)C Lawn Establishment.....	111
8-02.3(11) Mulch .....	112
8-02.3(11)B Bark or Wood Chip Mulch .....	112
8-02.3(14) Plant Replacement .....	112
8-02.3(17) Site Restoration.....	113

8-02.4 Measurement .....	113
8-02.5 Payment .....	114
8-04 CURBS, GUTTERS, AND SPILLWAYS .....	115
8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways.....	115
8-04.3(1)C Integral Cement Concrete Curb .....	115
8-04.3(6) Cold Weather Work .....	115
8-04.5 Payment .....	115
8-06 CEMENT CONCRETE DRIVEWAY ENTRANCES .....	116
8-06.3 Construction Requirements.....	116
8-06.3(1) Cold Weather Work .....	116
8-06.5 Payment .....	116
8-09 RAISED PAVEMENT MARKERS .....	117
8-09.1 Description.....	117
8-09.2 Materials.....	117
8-09.3 Construction Requirements.....	117
8-09.3(6) Recessed Pavement Marker .....	117
8-09.4 Measurement .....	118
8-09.5 Payment .....	118
8-13 MONUMENT CASES .....	119
8-13 Monuments .....	119
8-13.1 Description.....	119
8-13.2 Materials.....	119
8-13.3 Construction Requirements.....	119
8-13.4 Measurement .....	119
8-13.5 Payment .....	119
8-14 CEMENT CONCRETE SIDEWALKS.....	121
8-14.3 Construction Requirements.....	121
8-14.3(3) Placing and Finishing Concrete .....	121
8-14.3(4) Curing .....	121
8-14.3(20) Cold Weather Work .....	121
8-14.3(21) Thickened Edge for Sidewalk .....	121
8-14.5 Payment .....	121
8-20 ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, AND ELECTRICAL .....	123
8-20.2 Materials.....	123
8-20.2(1) Equipment List and Drawings .....	123
8-20.3 Construction Requirements.....	123

8-20.3(1) General .....	123
8-20.3(1)A Temporary Lighting .....	124
8-20.3(4) Foundations .....	125
8-20.3(5) Conduit .....	125
8-20.3(5)A General .....	125
8-20.3(5)B Conduit Type.....	125
8-20.3(5)D Conduit Placement .....	126
8-20.3(5)E1 Open Trenching .....	126
8-20.3(6) Junction Boxes, Cable Vaults, and Pull boxes .....	126
8-20.3(7) Messenger Cable, Fittings .....	127
8-20.3(8) Wiring.....	127
8-20.3(10) Service, Transformer, and Intelligent Transportation System (ITS) Cabinets .....	129
8-20.3(14)C Induction Loop Vehicle Detectors .....	129
8-20.3(14)F Thermal, Microwave, and LED Optical Vehicle Detection .....	129
8-20.3(17)B “As Built” Plans.....	130
8-20.4 Measurement .....	130
8-20.5 Payment .....	130
8-22 PAVEMENT MARKING .....	131
8-22.1 Description.....	131
8-22.2 Materials.....	131
8-22.3 Construction Requirements.....	131
8-22.3(3)E Installation.....	131
8-22.3(4) Tolerances for Lines .....	132
8-22.4 Measurement .....	132
8-22.5 Payment .....	132
9-03 AGGREGATES .....	133
9-03.1 Aggregates for Portland Cement Concrete .....	133
9-03.1(1) General Requirements .....	133
9-03.6 Vacant .....	133
9-03.6 Aggregates for Asphalt Treated Base (ATB) .....	133
9-03.6(1) General Requirements .....	133
9-03.6(2) Grading .....	133
9-03.6(3) Test Requirements.....	133
9-03.8 Aggregates for Hot Mix Asphalt .....	134
9-03.12 Gravel Backfill .....	134
9-03.12(10) Pea Gravel .....	134

<b>9-03.21 Recycled Material .....</b>	<b>135</b>
<b>9-03.21(1) General Requirements .....</b>	<b>135</b>
Standard Plans .....	135

1 **INTRODUCTION TO THE SPECIAL PROVISIONS**  
2 **(December 10, 2020 APWA GSP)**  
3

4 The work on this project shall be accomplished in accordance with the *Standard Specifications*  
5 *for Road, Bridge and Municipal Construction*, 2023 edition, as issued by the Washington State  
6 Department of Transportation (WSDOT) and the American Public Works Association (APWA),  
7 Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications,  
8 as modified or supplemented by these Special Provisions, all of which are made a part of the  
9 Contract Documents, shall govern all of the Work.

10  
11 These Special Provisions are made up of both General Special Provisions (GSPs) from various  
12 sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each  
13 Provision either supplements, modifies, or replaces the comparable Standard Specification, or is  
14 a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion  
15 of the Standard Specifications is meant to pertain only to that particular portion of the section,  
16 and in no way should it be interpreted that the balance of the section does not apply.

17  
18 The project-specific Special Provisions are not labeled as such. The GSPs are labeled under  
19 the headers of each GSP, with the effective date of the GSP and its source. For example:

20  
21 *(March 8, 2013 APWA GSP)*  
22 *(April 1, 2013 WSDOT GSP)*  
23 *(May 1, 2013 Tacoma GSP)*  
24

25 Also incorporated into the Contract Documents by reference are:

- 26 • *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted  
27 edition, with Washington State modifications, if any
- 28 • *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT/APWA, current  
29 edition
- 30 • City of Tacoma Standard Plans
- 31 • City of Tacoma Traffic Control Handbook  
32

33 Contractor shall obtain copies of these publications, at Contractor's own expense.  
34

35 **DESCRIPTION OF WORK**  
36 **(March 13, 1995)**  
37

38 This Contract shall generally consist of a grind and overlay of the intersection and one block in  
39 each direction of S I Street at 6<sup>th</sup> Avenue and other work, all in accordance with the attached  
40 Contract Plans, these Contract Provisions, and the Standard Specifications.  
41

42  
43 **END OF SECTION**  
44

1 **1-01.3 Definitions**  
2 **(January 19, 2022 APWA GSP)**

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

7 **Dates**

8 ***Bid Opening Date***

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

10 ***Award Date***

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

13 ***Contract Execution Date***

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

15 ***Notice to Proceed Date***

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

17 ***Substantial Completion Date***

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

23 ***Physical Completion Date***

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

27 ***Completion Date***

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

32 ***Final Acceptance Date***

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

35 Supplement this Section with the following:  
36

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

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

46 All references to "State Materials Laboratory" shall be revised to read "Contracting Agency  
47 designated location".  
48



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

5 **Additive**

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

10 **Alternate**

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

15 **Business Day**

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

19 **Contract Bond**

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

24 **Contract Documents**

25 See definition for “Contract”.  
26

27 **Contract Time**

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

31 **Notice of Award**

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

35 **Notice to Proceed**

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

40 **Traffic**

41 Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and  
42 equestrian traffic.  
43  
44  
45

46 **END OF SECTION**  
47  
48  
49

1 **1-02 BID PROCEDURES AND CONDITIONS**

2  
3 **1-02.1 Prequalification of Bidders**

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

5  
6 **1-02.1 Qualifications of Bidder**  
7 **(January 24, 2011 APWA GSP)**

8  
9 Before award of a public works contract, a bidder must meet at least the minimum qualifications  
10 of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a  
11 public works project.

12  
13 **1-02.2 Plans and Specifications**  
14 **(June 27, 2011 APWA GSP)**

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

16  
17 Information as to where Bid Documents can be obtained or reviewed can be found in the Call  
18 for Bids (Advertisement for Bids) for the work.

19  
20 After award of the contract, plans and specifications will be issued to the Contractor at no cost  
21 as detailed below:

22

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	6	Furnished automatically upon award.
Contract Provisions	6	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	2	Furnished only upon request.

23  
24 Additional plans and Contract Provisions may be obtained by the Contractor from the source  
25 stated in the Call for Bids, at the Contractor's own expense.

26  
27 **1-02.4(1) General**

28 *(January 19, 2022 APWA GSP Option B)*

29  
30 The first sentence of the ninth paragraph, beginning with "Any prospective Bidder  
31 desiring...", is revised to read:

32  
33 Any prospective Bidder desiring an explanation or interpretation of the Bid Documents, shall  
34 request the explanation or interpretation in writing by close of business 6 business days  
35 preceding the bid opening to allow a written reply to reach all prospective Bidders before the  
36 submission of their Bids.

1 **1-02.5 Proposal Forms**

2 **(July 31, 2017 APWA GSP)**

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

4  
5 The Proposal Form will identify the project and its location and describe the work. It will also list  
6 estimated quantities, units of measurement, the items of work, and the materials to be furnished  
7 at the unit bid prices. The bidder shall complete spaces on the proposal form that call for, but  
8 are not limited to, unit prices; extensions; summations; the total bid amount; signatures; date;  
9 and, where applicable, retail sales taxes and acknowledgment of addenda; the bidder's name,  
10 address, telephone number, and signature; the bidder's UDBE/DBE/M/WBE commitment, if  
11 applicable; a State of Washington Contractor's Registration Number; and a Business License  
12 Number, if applicable. Bids shall be completed by typing or shall be printed in ink by hand,  
13 preferably in black ink. The required certifications are included as part of the Proposal Form.

14  
15 The Contracting Agency reserves the right to arrange the proposal forms with alternates and  
16 additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all  
17 alternates and additives set forth in the Proposal Form unless otherwise specified.

18  
19 **1-02.6 Preparation of Proposal**

20 **(December 10, 2020 APWA GSP, Option A)**

21  
22 Supplement this section with the following:

23  
24 The Bidder shall submit with the Bid a completed Disadvantaged Business Enterprise (DBE)  
25 Utilization Certification, when required by the Special Provisions. For each and every DBE firm  
26 listed on the Bidder's completed Disadvantaged Business Enterprise Utilization Certification, the  
27 Bidder shall submit written confirmation from that DBE firm that the DBE is in agreement with  
28 the DBE participation commitment that the Bidder has made in the Bidder's completed  
29 Disadvantaged Business Enterprise Utilization Certification.

30  
31 WSDOT Form 422 031 (Disadvantaged Business Enterprise Written Confirmation Document) is  
32 to be used for this purpose. Bidder must submit good faith effort documentation only in the  
33 event the bidder's efforts to solicit sufficient DBE participation have been unsuccessful.

34  
35 The Bidder shall submit a DBE Bid Item Breakdown form defining the scope of work to be  
36 performed by each DBE listed on the DBE Utilization Certification.

37  
38 If the Bidder lists a DBE Trucking firm on the DBE Utilization Certification, then the Bidder must  
39 also submit a DBE Trucking Credit Form (WSDOT Form 272-058) documenting how the DBE  
40 Trucking firm will be able to perform the scope of work subcontracted to them.

41  
42 Directions for delivery of the Disadvantaged Business Enterprise Written Confirmation  
43 Documents, Disadvantaged Business Enterprise Good Faith Effort documentation, DBE Bid  
44 Item Breakdown Form and the DBE Trucking Credit Form are included in Section 1-02.9.

1 **1-02.6(1) Recycled Materials Proposal**  
2 **(January 4, 2016 APWA GSP)**  
3

4 The Bidder shall submit with the Bid, its proposal for incorporating recycled materials into the  
5 project, using the form provided in the Contract Provisions.  
6

7 **1-02.7 Bid Deposit**  
8 **(November 17, 2022 Tacoma GSP)**  
9

10 *Delete this section and replace it with the following:*  
11

12 A deposit of at least 5 percent of the total Bid shall accompany each Bid. This deposit may be  
13 cash, certified check, cashier's check, or a proposal bond (Surety bond). Any proposal bond  
14 shall be on the Contracting Agency's form and shall be signed by the Bidder and the Surety. A  
15 proposal bond shall not be conditioned in any way to modify the minimum 5 percent required.  
16 The Surety shall: (1) be registered with the Washington State Insurance Commissioner, and (2)  
17 appear on the current Authorized Insurance List in the State of Washington published by the  
18 Office of the Insurance Commissioner.  
19

20 The failure to furnish a Bid deposit of a minimum of 5 percent shall make the Bid nonresponsive  
21 and shall cause the Bid to be rejected by the Contracting Agency.  
22

23 If submitting your bid electronically, a scanned version of the original bid bond or cashier's  
24 check shall accompany your electronic bid submittal. The original bid bond or cashier's check  
25 shall be sent to the Contracting Agency and received by the Contracting Agency prior to the bid  
26 opening or the bidder may be deemed non-responsive.  
27

28 **Original bid bonds or cashier's check will be delivered to:**

29 City of Tacoma Procurement & Payables Division  
30 Tacoma Public Utilities  
31 P.O. Box 11007  
32 Tacoma, WA 98411-0007  
33

34 If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.  
35

36 **1-02.9 Delivery of Proposal**  
37 **(March 1, 2021 Tacoma GSP)**  
38

39 *Delete this section and replace it with the following:*  
40

41 Each Proposal shall be submitted in a sealed envelope or shall be submitted electronically  
42 via email to [bids@cityoftacoma.org](mailto:bids@cityoftacoma.org), with the Project Name and Project Number as stated in  
43 the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in  
44 the Bid Documents, to ensure proper handling and delivery.  
45

46 To be considered responsive on a FHWA-funded project, the Bidder may be required to  
47 submit the following items, as required by Section 1-02.6:  
48

- 49 • DBE Utilization Certification (WSDOT 272-056)
- 50 • DBE Written Confirmation Document (WSDOT 422-031) from each DBE firm listed
- 51 on the Bidder's completed DBE Utilization Certification

- Good Faith Effort (GFE) Documentation
- DBE Bid Item Breakdown (WSDOT 272-054)
- DBE Trucking Credit Form (WSDOT 272-058)

#### **DBE Utilization Certification**

The DBE Utilization Certification shall be received at the same location and no later than the time required for delivery of the Proposal. The Contracting Agency will not open or consider any Proposal when the DBE Utilization Certification is received after the time specified for receipt of Proposals or received in a location other than that specified for receipt of Proposals. The DBE Utilization Certification may be submitted in the same envelope as the Bid deposit.

#### **DBE Written Confirmation and/or GFE Documentation**

The DBE Written Confirmation Documents and/or GFE Documents are not required to be submitted with the Proposal. The DBE Written Confirmation Document(s) and/or GFE (if any) 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 Proposal. To be considered responsive, Bidders shall submit Written Confirmation Documentation from each DBE firm listed on the Bidder's completed DBE Utilization Certification and/or the GFE as required by Section 1-02.6.

#### **DBE Bid Item Breakdown and DBE Trucking Credit Form**

The DBE Bid Item Breakdown and the DBE Trucking Credit Forms (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 Proposal. To be considered responsive, Bidders shall submit a completed DBE Bid Item Breakdown and a DBE Trucking Credit Form for each DBE Trucking firm listed on the DBE Utilization Certification, however, minor errors and corrections to DBE Bid Item Breakdown or DBE Trucking Credit Forms will be returned for correction for a period up to five calendar days (not including Saturdays, Sundays and Holidays) after the time for delivery of the Proposal. A DBE Bid Item Breakdown or DBE Trucking Credit Forms that are still incorrect after the correction period will be determined to be non-responsive.

Supplemental bid information submitted after the proposal submittal but within 48 hours of the time and date the proposal is due, shall be submitted as follows:

1. In a sealed envelope labeled the same as for the Proposal, with "Supplemental Information" added, or
2. By e-mail to [bids@cityoftacoma.org](mailto:bids@cityoftacoma.org) with "Supplemental Information" noted in the subject line.

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

1 If an emergency or unanticipated event interrupts normal work processes of the Contracting  
2 Agency so that Proposals cannot be received at the office designated for receipt of bids as  
3 specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to  
4 be extended to the same time of day specified in the solicitation on the Tuesday on which  
5 the normal work processes of the Contracting Agency resume.  
6

7 **1-02.10 Withdrawing, Revising, or Supplementing Proposal**  
8 **(November 17, 2022 Tacoma GSP)**  
9

10 Delete this section and replace it with the following:

11  
12 After submitting a Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or  
13 supplement it if:

- 14 1. The Bidder submits a written request signed by an authorized person and emails it to  
15 bids@cityoftacoma.org, and
- 16 2. The Contracting Agency receives the request before the time set for receipt of  
17 Proposals, and
- 18 3. The revised or supplemented Bid Proposal (if any) is received by the Contracting  
19 Agency before the time set for receipt of Bid Proposals.

20 The Bidder's written request to revise or supplement a Bid Proposal must be accompanied by  
21 the revised or supplemented package in its entirety. If the Bidder does not submit a revised or  
22 supplemented package, then its bid shall be considered withdrawn.

23  
24 Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded  
25 by the Contracting Agency and returned unopened.  
26

27 **1-02.12 Public Opening of Proposals**  
28 **(November 17, 2022 Tacoma GSP)**  
29

30 Proposals will be opened and publicly read via webcast at the time indicated in the call for Bids  
31 unless the Bid opening has been delayed or canceled.

32  
33 This public bid opening will be held via webinar. Please use the link below or on the Request for  
34 Bids page to join the webinar:

35  
36 <https://us02web.zoom.us/j/83250498294>  
37

38 Preliminary and final bid results are posted at [www.TacomaPurchasing.org](http://www.TacomaPurchasing.org).  
39

40 **1-02.13 Irregular Proposals**  
41 **(October 1, 2020 APWA GSP)**  
42

43 Delete this section and replace it with the following:  
44

- 45 1. A Proposal will be considered irregular and will be rejected if:
  - 46 a. The Bidder is not prequalified when so required;
  - 47 b. The authorized Proposal form furnished by the Contracting Agency is not used or  
48 is altered;
  - 49 c. The completed Proposal form contains any unauthorized additions, deletions,  
50 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 A)**

*Delete this section and replace it with the following:*

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

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

If the Contracting Agency determines the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the

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

#### **1-02.15 Pre Award Information (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.

**END OF SECTION**



## **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.

### **1-03.1(1) Identical Bid Totals (January 4, 2016 APWA GSP)**

*Revise this section to read:*

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

### **1-03.3 Execution of Contract (January 19, 2022 APWA GSP)**

*Revise this section to read:*

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

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

1 Within 10 calendar days after the award date, the successful bidder shall return the signed  
2 Contracting Agency-prepared contract, an insurance certification as required by Section 1-  
3 07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage  
4 form for the Construction Stormwater General Permit with sections I, III, and VIII completed  
5 when provided. Before execution of the contract by the Contracting Agency, the successful  
6 bidder shall provide any pre-award information the Contracting Agency may require under  
7 Section 1-02.15.

8  
9 Until the Contracting Agency executes a contract, no proposal shall bind the Contracting  
10 Agency nor shall any work begin within the project limits or within Contracting Agency-  
11 furnished sites. The Contractor shall bear all risks for any work begun outside such areas  
12 and for any materials ordered before the contract is executed by the Contracting Agency.

13  
14 If the bidder experiences circumstances beyond their control that prevents return of the  
15 contract documents within the calendar days after the award date stated above, the  
16 Contracting Agency may grant up to a maximum of 10 additional calendar days for return of  
17 the documents, provided the Contracting Agency deems the circumstances warrant it.

18 **1-03.4 Contract Bond**  
19 **(July 23, 2015 APWA GSP)**

20 *Delete the first paragraph and replace it with the following:*

21  
22 The successful bidder shall provide executed payment and performance bond(s) for the full  
23 contract amount. The bond may be a combined payment and performance bond; or be  
24 separate payment and performance bonds. In the case of separate payment and performance  
25 bonds, each shall be for the full contract amount. The bond(s) shall:

- 26 1. Be on Contracting Agency-furnished form(s);
- 27 2. Be signed by an approved surety (or sureties) that:
  - 28 a. Is registered with the Washington State Insurance Commissioner, and
  - 29 b. Appears on the current Authorized Insurance List in the State of Washington  
30 published by the Office of the Insurance Commissioner,
- 31 3. Guarantee that the Contractor will perform and comply with all obligations, duties, and  
32 conditions under the Contract, including but not limited to the duty and obligation to  
33 indemnify, defend, and protect the Contracting Agency against all losses and claims  
34 related directly or indirectly from any failure:
  - 35 a. Of the Contractor (or any of the employees, subcontractors, or lower tier  
36 subcontractors of the Contractor) to faithfully perform and comply with all contract  
37 obligations, conditions, and duties, or
  - 38 b. Of the Contractor (or the subcontractors or lower tier subcontractors of the  
39 Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors,  
40 material person, or any other person who provides supplies or provisions for carrying  
41 out the work;
- 42 4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the  
43 project under titles 50, 51, and 82 RCW; and
- 44 5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the  
45 bond; and
- 46 6. Be signed by an officer of the Contractor empowered to sign official statements (sole  
47 proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by  
48 the president or vice president, unless accompanied by written proof of the authority of

1 the individual signing the bond(s) to bind the corporation (i.e., corporate resolution,  
2 power of attorney, or a letter to such effect signed by the president or vice president).

3

4

**END OF SECTION**

5

6

1 **1-04 SCOPE OF THE WORK**

2  
3 **1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications,**  
4 **and Addenda**  
5 **(December 10, 2020 APWA GSP)**  
6

7 *Revise the second paragraph to read:*  
8

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

- 11 1. Addenda,
  - 12 2. Proposal Form,
  - 13 3. Special Provisions,
  - 14 4. Contract Plans,
  - 15 5. Standard Specifications,
  - 16 6. Contracting Agency's Standard Plans or Details (if any), and
  - 17 7. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.
- 18

19 **1-04.4 Changes**

20 *(January 19, 2022 APWA GSP)*  
21

22 The first two sentences of the last paragraph of Section 1-04.4 are deleted.  
23  
24  
25

26 **END OF SECTION**

## **1-05 CONTROL OF WORK**

### **1-05.4 Conformity With and Deviations from Plans and Stakes**

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

*(December 10, 2020 APWA GSP, Option 3)*

#### **1-05.4(1) Contracting Agency Provided Construction Staking**

##### **1-05.4(1)A General**

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

##### **1-05.4(1)B Control Stakes**

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

A claim by the Contractor for extra compensation by reason of alterations or reconstruction work allegedly due to error in the Engineer's line and grade will not be allowed unless the original control points set by the Engineer still exist, or unless the Contractor can provide other satisfactory substantiating evidence to prove the error was caused by incorrect Engineer furnished survey data. Three consecutive points set on line or grade shall be the minimum points used to determine any variation from a straight line or grade. Any such variation shall, upon discovery, be reported to the Engineer.

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

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

##### **1-05.4(1)C Survey Requests**

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

Roadway grading	+/-1500 lineal feet of centerline
Storm or sanitary sewer	Approximately 8-10 structures
Water main	+/-1500 lineal feet of pipe
Curb and gutter	+/-1300 lineal feet (one side only)
Base and top course	+/-1000 lineal feet of centerline

Slope staking	+/-800-1200 lineal feet (top and toe)
Illumination/signalization	Approximately 15-20 structures

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

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

The Contractor shall provide staking requests at least three (3) working days before the Engineer needs to begin the staking operation. If the work site is obstructed so that survey work cannot be done, a new survey request shall be submitted by the Contractor so that the survey work can be rescheduled once the site is properly prepared. An additional 3 working days may be required to complete the rescheduled work.

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

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

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

#### **1-05.4(1)D Staking Services**

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

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

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

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

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

#### 4 5 **Roadway and Utility Surveys**

6 The County will furnish the following stakes and reference marks:

- 7
- 8 • Clearing Limits - One set of clearing limit stakes will be set at approximately 50-  
9 foot stations or as needed.
- 10 • Rough Grading - One set of rough grade stakes will be set along the construction  
11 centerline of streets at 50-foot stations as required. (If superelevations require  
12 intermediate stakes along vertical curves, the County will provide staking at  
13 closer intervals.) One set of primary cut and fill stakes will be set for site work.  
14 One set of secondary final grade cut and fill stakes will be set where deemed  
15 applicable as determined by the Engineer.
- 16 • Storm Sewers - Two cut or fill stakes for each inlet, catch basin or manhole will  
17 be set at appropriate offsets to the center of the structure. After installation and  
18 backfill, inverts will be checked for correctness.
- 19 • Sanitary Sewers - Two cut or fill stakes for each manhole or cleanout location will  
20 be set at appropriate offsets to the center of the structure. After installation and  
21 backfill, inverts will be checked for correctness.
- 22 • Water Main - One set of line stakes will be furnished for water mains at 50-foot  
23 stations. Additionally, two reference stakes for each valve, hydrant, tee and angle  
24 point location will be set concurrently with these line stakes.
- 25 • Staking for Embankments - Catch points and one-line stake will be set in those  
26 cases where the vertical difference in elevation from the construction centerline  
27 to the toe or top of a cut or fill slope exceeds 3 feet. In all other areas, stakes  
28 shall be set at an appropriate offset to the street centerline to allow for the  
29 preservation of said offsets through the rough grading phase. In both cases the  
30 stakes shall be clearly marked with appropriate information necessary to  
31 complete the rough grading phase.
- 32 • Curb and Gutters - One set of curb and gutter stakes shall be set at an  
33 appropriate offset at 25-foot intervals, beginning and end points of curves and  
34 curb returns, wheelchair ramps, driveways, and sufficient mid-curve points to  
35 establish proper alignment.
- 36 • Base and Top Course - One set of final construction centerline grade hubs will be  
37 set for each course, at not less than 50-foot stations. No intermediate stakes  
38 shall be provided unless superelevations require them. In those circumstances,  
39 one grade hub left and right of construction centerline at the transition stations  
40 will be set at an appropriate offset to centerline not less than 25-foot stations.
- 41 • Adjacent or Adjoining Wetlands - One set of stakes delineating adjacent wetland  
42 perimeters will be set at 25 to 50-foot stations as required.
- 43 • Illumination and Traffic Signals System - One set of stakes for luminaires and  
44 traffic signal pole foundations will be set as required. One set of stakes for vaults,  
45 junction boxes, and conduits will be set, only if curb and gutter is not in place at  
46 the time of the survey request. If curb and gutter is in place, staking for vaults,  
47 junction boxes, and conduits will be provided at an additional expense to the  
48 Contractor.
- 49

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

4  
5 The Contractor is responsible for staking all other items deemed necessary to construct the  
6 project per the Plans and Specifications. All costs associated with Contractor staking shall be  
7 incidental to the Work and be included in the Contract unit prices.

#### 8 9 **Structure Survey**

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

13  
14 The survey work by the Engineer will include but not be limited to the following:

- 15
- 16 • Establish, by placing hubs and/or marked stakes, the location with offsets of
- 17 foundation shafts and piles.
- 18 • Establish offsets to footing centerline of bearing for structure excavation.
- 19 • Establish offsets to footing centerline of bearing for footing forms.
- 20 • Establish wing wall, retaining wall, and noise wall horizontal alignment.
- 21 • Establish retaining wall top of wall profile grade.
- 22 • Establish elevation benchmarks for all substructure formwork.
- 23 • Check elevations at top of footing concrete line inside footing formwork
- 24 immediately prior to concrete placement.
- 25 • Check column location and pier centerline of bearing at top of footing
- 26 immediately prior to concrete placement.
- 27 • Establish location and plumbness of column forms and monitor column
- 28 plumbness during concrete placement.
- 29 • Establish pier cap and crossbeam top and bottom elevations and centerline of
- 30 bearing.
- 31 • Check pier cap and crossbeam top and bottom elevations and centerline of
- 32 bearing prior to and during concrete placement.
- 33 • Establish grout pad locations and elevations.
- 34 • Establish structure bearing locations and elevations, including locations of anchor
- 35 bolt assemblies.
- 36 • Establish box girder bottom slab grades and locations.
- 37 • Establish girder and/or web wall profiles and locations.
- 38 • Establish diaphragm locations and centerline of bearing.
- 39 • Establish roadway slab alignment, grades and provide dimensions from top of
- 40 girder to top of roadway slab. Set elevations for deck paving machine rails.
- 41 • Establish traffic barrier and curb profile.
- 42 • Profile all girders prior to the placement of any deadload or construction live load
- 43 that may affect the girder's profile.
- 44

#### 45 **1-05.4(1)E Monuments**

46 The Contractor shall work to preserve the existing monumentation as provided in RCW  
47 58.09.130 and WAC 332-120. The Contractor shall notify the Engineer immediately if it  
48 becomes apparent that a survey marker will be disturbed due to construction. The Contractor  
49 shall allow ample time for the Engineer to acquire adequate information so that the monument  
50 may be replaced in its original position after construction.



1 **1-05.7 Removal of Defective and Unauthorized Work**  
2 **(October 1, 2005 APWA GSP)**

3 *Supplement this section with the following:*  
4

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

10  
11 If the Contractor fails to comply with a written order to remedy what the Engineer determines to  
12 be an emergency situation, the Engineer may have the defective and unauthorized work  
13 corrected immediately, have the rejected work removed and replaced, or have work the  
14 Contractor refuses to perform completed by using Contracting Agency or other forces. An  
15 emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy  
16 could be potentially unsafe, or might cause serious risk of loss or damage to the public.  
17 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and  
18 remedying defective or unauthorized work, or work the Contractor failed or refused to perform,  
19 shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due, or  
20 to become due, the Contractor. Such direct and indirect costs shall include in particular, but  
21 without limitation, compensation for additional professional services required, and costs for  
22 repair and replacement of work of others destroyed or damaged by correction, removal, or  
23 replacement of the Contractor's unauthorized work.  
24

25 No adjustment in Contract time or compensation will be allowed because of the delay in the  
26 performance of the work attributable to the exercise of the Contracting Agency's rights provided  
27 by this Section.  
28

29 The rights exercised under the provisions of this section shall not diminish the Contracting  
30 Agency's right to pursue any other avenue for additional remedy or damages with respect to the  
31 Contractor's failure to perform the work as required.  
32

33 **1-05.11 Final Inspection**

34 *Delete this section and replace it with the following:*  
35

36 **1-05.11 Final Inspections and Operational Testing**  
37 **(October 1, 2005 APWA GSP)**  
38

39 **1-05.11(1) Substantial Completion Date**  
40

41 When the Contractor considers the work to be substantially complete, the Contractor shall so  
42 notify the Engineer and request the Engineer establish the Substantial Completion Date. The  
43 Contractor's request shall list the specific items of work that remain to be completed in order to  
44 reach physical completion. The Engineer will schedule an inspection of the work with the  
45 Contractor to determine the status of completion. The Engineer may also establish the  
46 Substantial Completion Date unilaterally.  
47

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

1  
2 Upon receipt of written notice concurring in or denying substantial completion, whichever is  
3 applicable, the Contractor shall pursue vigorously, diligently and without unauthorized  
4 interruption, the work necessary to reach Substantial and Physical Completion. The Contractor  
5 shall provide the Engineer with a revised schedule indicating when the Contractor expects to  
6 reach substantial and physical completion of the work.  
7

8 The above process shall be repeated until the Engineer establishes the Substantial Completion  
9 Date and the Contractor considers the work physically complete and ready for final inspection.  
10

#### 11 **1-05.11(2) Final Inspection and Physical Completion Date** 12

13 When the Contractor considers the work physically complete and ready for final inspection, the  
14 Contractor by written notice, shall request the Engineer to schedule a final inspection. The  
15 Engineer will set a date for final inspection. The Engineer and the Contractor will then make a  
16 final inspection and the Engineer will notify the Contractor in writing of all particulars in which the  
17 final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately  
18 take such corrective measures as are necessary to remedy the listed deficiencies. Corrective  
19 work shall be pursued vigorously, diligently, and without interruption until physical completion of  
20 the listed deficiencies. This process will continue until the Engineer is satisfied the listed  
21 deficiencies have been corrected.  
22

23 If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written  
24 notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take  
25 whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.  
26 The Contractor will not be allowed an extension of Contract time because of a delay in the  
27 performance of the work attributable to the exercise of the Engineer's right hereunder.  
28

29 Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting  
30 Agency, in writing, of the date upon which the work was considered physically complete. That  
31 date shall constitute the Physical Completion Date of the Contract, but shall not imply  
32 acceptance of the work or that all the obligations of the Contractor under the contract have been  
33 fulfilled.  
34

#### 35 **1-05.11(3) Operational Testing** 36

37 It is the intent of the Contracting Agency to have at the Physical Completion Date a complete  
38 and operable system. Therefore when the work involves the installation of machinery or other  
39 mechanical equipment; street lighting, electrical distribution or signal systems; irrigation  
40 systems; buildings; or other similar work it may be desirable for the Engineer to have the  
41 Contractor operate and test the work for a period of time after final inspection but prior to the  
42 physical completion date. Whenever items of work are listed in the Contract Provisions for  
43 operational testing they shall be fully tested under operating conditions for the time period  
44 specified to ensure their acceptability prior to the Physical Completion Date. During and  
45 following the test period, the Contractor shall correct any items of workmanship, materials, or  
46 equipment which prove faulty, or that are not in first class operating condition. Equipment,  
47 electrical controls, meters, or other devices and equipment to be tested during this period shall  
48 be tested under the observation of the Engineer, so that the Engineer may determine their  
49 suitability for the purpose for which they were installed. The Physical Completion Date cannot  
50 be established until testing and corrections have been completed to the satisfaction of the  
51 Engineer.  
52

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

4  
5 Operational and test periods, when required by the Engineer, shall not affect a manufacturer's  
6 guaranties or warranties furnished under the terms of the Contract.

7  
8 *Add the following new section:*

9  
10 **1-05.13 Superintendents, Labor and Equipment of Contractor**  
11 **(August 14, 2013 APWA GSP)**

12  
13 *Delete the sixth and seventh paragraphs of this section.*

14  
15 **1-05.15 Method of Serving Notices**  
16 **(March 25, 2009 APWA GSP)**

17 *Revise the second paragraph to read:*

18  
19 All correspondence from the Contractor shall be directed to the Project Engineer. All  
20 correspondence from the Contractor constituting any notification, notice of protest, notice of  
21 dispute, or other correspondence constituting notification required to be furnished under the  
22 Contract, must be in paper format, hand delivered or sent via mail delivery service to the Project  
23 Engineer's office. Electronic copies such as e-mails or electronically delivered copies of  
24 correspondence will not constitute such notice and will not comply with the requirements of the  
25 Contract.

26  
27 *Add the following new section:*

28  
29 **1-05.16 Water and Power**  
30 **(October 1, 2005 APWA GSP)**

31  
32 The Contractor shall make necessary arrangements, and shall bear the costs for power and  
33 water necessary for the performance of the work, unless the Contract includes power and water  
34 as a pay item.

35  
36 *Add the following new section:*

37  
38 **1-05.18 Record Drawings**  
39 **(March 8, 2013 APWA GSP)**

40  
41 The Contractor shall maintain one set of full size plans for Record Drawings, updated with clear  
42 and accurate red-lined field revisions on a daily basis, and within 2 business days after receipt  
43 of information that a change in Work has occurred. The Contractor shall not conceal any work  
44 until the required information is recorded.

45  
46 This Record Drawing set shall be used for this purpose alone, shall be kept separate from other  
47 Plan sheets, and shall be clearly marked as Record Drawings. These Record Drawings shall be  
48 kept on site at the Contractor's field office, and shall be available for review by the Contracting  
49 Agency at all times. The Contractor shall bring the Record Drawings to each progress meeting  
50 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.

**END OF SECTION**

## 1-06 CONTROL OF MATERIAL

*Section 1-06 is supplemented with the following:*

### **Build America/Buy America (October 5, 2022)**

#### **General Requirements**

In accordance with Division G, Title IX - Build America, Buy America Act (BABA), of Public Law 117-58 (Infrastructure Investment and Jobs Act), the following materials must be American-made:

1. All steel and iron used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
2. All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
3. All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

An article, material, or supply will be classified in one of three categories: 1) Steel and Iron, 2) Manufactured Product or 3) Construction Material. Only a single category will apply to an item and be subject to the requirements of the BABA requirements of that category. Some contract items are composed of multiple parts that may fall into different categories. Individual components will be categorized as a construction material, manufactured product, or steel and iron based on their composition when they arrive at the staging area or work site.

#### **Definitions**

1. Construction material: Defined as any article, material, or supply brought to the construction site for incorporation into the final product. Construction materials include an article, material, or supply that is or consists primarily of:
  - a. Non-ferrous metals;
  - b. Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
  - c. Glass (including optic glass);
  - d. Lumber; or
  - e. Drywall.

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

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

### ***Steel and Iron Requirements***

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

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

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

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

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

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

The following are considered to be steel manufacturing processes:

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

A certification of materials origin will be required for 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 WSDOT Form 350-109EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-109EF.

#### **Manufactured Products**

Due to a nationwide waiver, BABA requirements do not apply to manufactured products.

#### **Construction Material Requirements**

A Contractor provided certification of materials origin will be required before each progress estimate or payment. The Contractor will not receive payment until the certification is received by the Engineer. The Contractor shall certify that all construction materials installed during the current progress estimate period meets the Build America, Buy America Act. The certification shall be on WSDOT Form 350-110EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-110EF Certificate of Materials Origin (WSDOT Form 2 350-109).

#### **1-06.1 Approval of Materials Prior to Use (April 3, 2017)**

*Section 1-06.1 is supplemented with the following:*

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  
2 **1-06.6 Recycled Materials**  
3 **(January 4, 2016 APWA GSP)**  
4

5 *Delete this section, including its subsections, and replace it with the following:*  
6

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

10  
11 Prior to Physical Completion the Contractor shall report the quantity of recycled materials that  
12 were utilized in the construction of the project for each of the items listed in Section 9-03.21.  
13 The report shall include hot mix asphalt, recycled concrete aggregate, recycled glass, steel  
14 furnace slag and other recycled materials (e.g. utilization of on-site material and aggregates  
15 from concrete returned to the supplier). The Contractor's report shall be provided on DOT form  
16 350-075 Recycled Materials Reporting.  
17

18 **END OF SECTION**  
19

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

2  
3 **1-07.1 Laws to be Observed**  
4 **(October 1, 2005 APWA GSP)**

5 *Supplement this section with the following:*

6  
7 In cases of conflict between different safety regulations, the more stringent regulation shall  
8 apply.

9  
10 The Washington State Department of Labor and Industries shall be the sole and paramount  
11 administrative agency responsible for the administration of the provisions of the Washington  
12 Industrial Safety and Health Act of 1973 (WISHA).

13  
14 The Contractor shall maintain at the project site office, or other well-known place at the project  
15 site, all articles necessary for providing first aid to the injured. The Contractor shall establish,  
16 publish, and make known to all employees, procedures for ensuring immediate removal to a  
17 hospital, or doctor's care, persons, including employees, who may have been injured on the  
18 project site. Employees should not be permitted to work on the project site before the  
19 Contractor has established and made known procedures for removal of injured persons to a  
20 hospital or a doctor's care.

21  
22 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the  
23 Contractor's plant, appliances, and methods, and for any damage or injury resulting from their  
24 failure, or improper maintenance, use, or operation. The Contractor shall be solely and  
25 completely responsible for the conditions of the project site, including safety for all persons and  
26 property in the performance of the work. This requirement shall apply continuously, and not be  
27 limited to normal working hours. The required or implied duty of the Engineer to conduct  
28 construction review of the Contractor's performance does not, and shall not, be intended to  
29 include review and adequacy of the Contractor's safety measures in, on, or near the project site.

30  
31 **Health and Safety**

32 Section 1-07.1(2) is supplemented with the following:

33  
34 **(September 27, 2021)**

35 Governor's Proclamation 20-05/21-14

36 The Contractor, by submitting its Bid, agrees that it will comply with Governor's Proclamations  
37 20-05 as amended and 21-14 as amended, regarding COVID-19 Vaccination Requirements,  
38 and that it will require its workers, service providers, subcontractors, suppliers, and their workers  
39 to comply as well. Furthermore, prior to starting Work, the Contractor shall provide a Vaccine  
40 Declaration form (WSDOT  
41 Form #271-050).

42  
43 The Proclamations are available at: [https://www.governor.wa.gov/office-governor/official-](https://www.governor.wa.gov/office-governor/official-actions/proclamations)  
44 [actions/proclamations](https://www.governor.wa.gov/office-governor/official-actions/proclamations)

45  
46 All costs related to the Governor's Proclamations shall be considered included with  
47 or incidental to other Bid items  
48  
49  
50

**1-07.2 State 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(2) Health Hazards**

Section 1-07.4(2) is supplemented with the following:

**(June 8, 2022)**

#### **COVID-19 Health and Safety Plan (CHSP)**

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

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

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

#### **COVID-19 Health and Safety Plan (CHSP) Inspection**

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

### **1-07.9 Wages**

#### **1-07.9(1) General**

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

**(January 9, 2023)**

The Federal wage rates for Highway Construction incorporated in this contract have been established by the Secretary of Labor under United States Department

1 of Labor General Decision No. WA20230001. These rates are applicable to  
2 highway construction.

3  
4 The Federal wage rates for Heavy Construction incorporated in this contract have  
5 been established by the Secretary of Labor under United States Department of  
6 Labor General Decision No. WA68-WA104. These rates are applicable to heavy  
7 construction.

8  
9 The State rates incorporated in this contract are applicable to all construction  
10 activities associated with this contract.

11  
12 **1-07.9(5) Required Documents**  
13 **(January 3, 2020 APWA GSP)**

14  
15 Delete this section and replace it with the following:

16  
17 **General**

18 All "Statements of Intent to Pay Prevailing Wages", "Affidavits of Wages Paid" and Certified  
19 Payrolls, including a signed Statement of Compliance for Federal-aid projects, shall be  
20 submitted to the Engineer and the State L&I online Prevailing Wage Intent & Affidavit  
21 (PWIA) system.

22  
23 **Intents and Affidavits**

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

- 27  
28 1. The approved "Statement of Intent to Pay Prevailing Wages" State L&I's form  
29 number F700-029-000. The Contracting Agency will make no payment under this  
30 Contract until this statement has been approved by State L&I and reviewed by the  
31 Engineer.  
32  
33 2. The approved "Affidavit of Prevailing Wages Paid", State L&I's form number F700-  
34 007-000. The Contracting Agency will not grant Completion until all approved  
35 Affidavit of Wages paid for the Contractor and all Subcontractors have been received  
36 by the Engineer. The Contracting Agency will not release to the Contractor any funds  
37 retained under RCW 60.28.011 until "Affidavit of Prevailing Wages Paid" forms have  
38 been approved by State L&I and all of the approved forms have been submitted to  
39 the Engineer for every firm that worked on the Contract.

40  
41 The Contractor is responsible for requesting these forms from State L&I and for paying any  
42 fees required by State L&I.

43  
44 **Certified Payrolls**

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

1 **Penalties for Noncompliance**

2 The Contractor is advised, if these payrolls are not supplied within the prescribed deadlines,  
3 any or all payments may be withheld until compliance is achieved. In addition, failure to  
4 provide these payrolls may result in other sanctions as provided by State laws (RCW  
5 39.12.050) and/or Federal regulations (29 CFR 5.12).  
6

7 **1-07.11 Requirements for Nondiscrimination**  
8 **(October 1, 2020 APWA GSP, Option B)**  
9

10 Supplement this section with the following:

11  
12 ***Disadvantaged Business Enterprise Participation***

13 The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and  
14 USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract.  
15 Demonstrating compliance with these Specifications is a Condition of Award (COA) of this  
16 Contract. Failure to comply with the requirements of this Specification may result in your  
17 Bid being found to be nonresponsive resulting in rejection or other sanctions as provided by  
18 Contract.  
19

20 **DBE Abbreviations and Definitions**

21 **Broker** – A business firm that provides a bona fide service, such as professional,  
22 technical, consultant or managerial services and assistance in the procurement of  
23 essential personnel, facilities, equipment, materials, or supplies required for the  
24 performance of the Contract; or, persons/companies who arrange or expedite  
25 transactions.  
26

27 **Certified Business Description** – Specific descriptions of work the DBE is  
28 certified to perform, as identified in the Certified Firm Directory, under the Vendor  
29 Information page.  
30

31 **Certified Firm Directory** – A database of all Minority, Women, and  
32 Disadvantaged Business Enterprises currently certified by Washington State. The  
33 on-line Directory is available to Bidders for their use in identifying and soliciting  
34 interest from DBE firms. The database is located under the Firm Certification  
35 section of the Diversity Management and Compliance System web page at:  
36 <https://omwbe.diversitycompliance.com>.  
37

38 **Commercially Useful Function (CUF)** – 49 CFR 26.55(c)(1) defines  
39 commercially useful function as: *"A DBE performs a commercially useful function*  
40 *when it is responsible for execution of the work of the contract and is carrying out*  
41 *its responsibilities by actually performing, managing, and supervising the work*  
42 *involved. To perform a commercially useful function, the DBE must also be*  
43 *responsible, with respect to materials and supplies used on the contract, for*  
44 *negotiating price, determining quality and quantity, ordering the material, and*  
45 *installing (where applicable) and paying for the material itself. To determine*  
46 *whether a DBE is performing a commercially useful function, you must evaluate*  
47 *the amount of work subcontracted, industry practices, whether the amount the firm*  
48 *is to be paid under the contract is commensurate with the work it is actually*  
49 *performing and the DBE credit claimed for its performance of the work, and other*  
50 *relevant factors."*  
51

1 **Disadvantaged Business Enterprise (DBE)** – A business firm certified by the  
2 Washington State Office of Minority and Women’s Business Enterprises, as  
3 meeting the criteria outlined in 49 CFR 26 regarding DBE certification.  
4

5 **Force Account Work** – Work measured and paid in accordance with Section 1-  
6 09.6.  
7

8 **Good Faith Efforts** – Efforts to achieve the DBE COA Goal or other requirements  
9 of this part which, by their scope, intensity, and appropriateness to the objective,  
10 can reasonably be expected to fulfill the program requirement.  
11

12 **Manufacturer (DBE)** – A DBE firm that operates or maintains a factory or  
13 establishment that produces on the premises the materials, supplies, articles, or  
14 equipment required under the Contract. A DBE Manufacturer shall produce  
15 finished goods or products from raw or unfinished material or purchase and  
16 substantially alters goods and materials to make them suitable for construction  
17 use before reselling them.  
18

19 **Reasonable Fee (DBE)** – For purposes of Brokers or service providers a  
20 reasonable fee shall not exceed 5% of the total cost of the goods or services  
21 brokered.  
22

23 **Regular Dealer (DBE)** – A DBE firm that owns, operates, or maintains a store,  
24 warehouse, or other establishment in which the materials or supplies required for  
25 the performance of a Contract are bought, kept in stock, and regularly sold to the  
26 public in the usual course of business. To be a Regular Dealer, the DBE firm must  
27 be an established regular business that engages in as its principal business and in  
28 its own name the purchase and sale of the products in question. A Regular Dealer  
29 in such items as steel, cement, gravel, stone, and petroleum products need not  
30 own, operate or maintain a place of business if it both owns and operates  
31 distribution equipment for the products. Any supplementing of regular dealers’  
32 own distribution equipment shall be by long-term formal lease agreements and not  
33 on an ad-hoc basis. Brokers, packagers, manufacturers’ representatives, or other  
34 persons who arrange or expedite transactions shall not be regarded as Regular  
35 Dealers within the meaning of this definition.  
36

37 **DBE Commitment** – The scope of work and dollar amount the Bidder indicates  
38 they will be subcontracting to be applied towards the DBE Condition of Award  
39 Goal as shown on the DBE Utilization Certification Form for each DBE  
40 Subcontractor. This DBE Commitment amount will be incorporated into the  
41 Contract and shall be considered a Contract requirement. The Contractor shall  
42 utilize the COA DBEs to perform the work and supply the materials for which they  
43 are committed. Any changes to the DBE Commitment require the Engineer’s prior  
44 written approval.  
45

46 **DBE Condition of Award (COA) Goal** – An assigned numerical amount specified  
47 as a percentage of the Contract. Initially, this is the minimum amount that the  
48 Bidder must commit to by submission of the Utilization Certification Form and/or  
49 by Good Faith Effort (GFE).  
50

1 **DBE COA Goal**

2 The Contracting Agency has established a DBE COA Goal for this Contract in the  
3 amount of: **16%**  
4

5 **Crediting DBE Participation**

6 Subcontractors proposed as COA must be certified prior to the due date for bids on the  
7 Contract. All non-COA DBE Subcontractors shall be certified before the subcontract on  
8 which they are participating is executed.  
9

10 DBE participation is only credited upon payment to the DBE.

11 The following are some definitions of what may be counted as DBE participation.  
12

13  
14 **DBE Prime Contractor**

15 Only take credit for that portion of the total dollar value of the Contract equal to the  
16 distinct, clearly defined portion of the Work that the DBE Prime Contractor  
17 performs with its own forces and is certified to perform.  
18

19 **DBE Subcontractor**

20 Only take credit for that portion of the total dollar value of the subcontract that is  
21 equal to the distinct, clearly defined portion of the Work that the DBE performs  
22 with its own forces and is certified to perform. The value of work performed by the  
23 DBE includes the cost of supplies and materials purchased by the DBE and  
24 equipment leased by the DBE, for its work on the contract. Supplies, materials or  
25 equipment obtained by a DBE that are not utilized or incorporated in the contract  
26 work by the DBE will not be eligible for DBE credit.  
27

28 The supplies, materials, and equipment purchased or leased from the Contractor  
29 or its affiliate, including any Contractor's resources available to DBE  
30 subcontractors at no cost, shall not be credited.  
31

32 DBE credit will not be given in instances where the equipment lease includes the  
33 operator. The DBE is expected to operate the equipment used in the performance  
34 of its work under the contract with its own forces. Situations where equipment is  
35 leased and used by the DBE, but payment is deducted from the Contractor's  
36 payment to the DBE is not allowed.  
37

38 When the subcontractor is part of a DBE Commitment, the following apply:  
39

- 40 1. If a DBE subcontracts a portion of the Work of its contract to another firm,  
41 the value of the subcontracted Work may be counted toward the DBE COA  
42 Goal only if the Lower-Tier Subcontractor is also a DBE.  
43
- 44 2. Work subcontracted to a Lower-Tier Subcontractor that is a DBE, may be  
45 counted toward the DBE COA Goal.  
46
- 47 3. Work subcontracted to a non-DBE does not count towards the DBE COA  
48 Goal.  
49



## **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.

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

3  
4 The DBE may lease trucks from a truck leasing company (recognized truck rental  
5 center), but can only receive credit towards DBE participation if the DBE uses its  
6 own employees as drivers.

7  
8 **DBE Manufacturer and DBE Regular Dealer**

9 One hundred percent (100%) of the cost of the manufactured product obtained  
10 from a DBE manufacturer may count towards the DBE COA Goal.

11  
12 Sixty percent (60%) of the cost of materials or supplies purchased from a DBE  
13 Regular Dealer may be credited towards the DBE Goal. If the role of the DBE  
14 Regular Dealer is determined to be that of a Broker, then DBE credit shall be  
15 limited to the fee or commission it receives for its services. Regular Dealer status  
16 and the amount of credit is determined on a Contract-by-Contract basis.

17  
18 DBE firms proposed to be used as a Regular Dealer must be approved before  
19 being listed as a COA/used on a project. The WSDOT Approved Regular Dealer  
20 list published on WSDOT's Office of Equal Opportunity (OEO) web site must  
21 include the specific project for which approval is being requested. For purposes of  
22 the DBE COA Goal participation, the Regular Dealer must submit the Regular  
23 Dealer Status Request form a minimum of five calendar days prior to bid opening.

24  
25 Purchase of materials or supplies from a DBE which is neither a manufacturer nor  
26 a regular dealer, (i.e. Broker) only the fees or commissions charged for assistance  
27 in the procurement of the materials and supplies, or fees or transportation charges  
28 for the delivery of materials or supplies required on the job site, may count  
29 towards the DBE COA Goal provided the fees are not excessive as compared  
30 with fees customarily allowed for similar services. Documentation will be required  
31 to support the fee/commission charged by the DBE. The cost of the materials and  
32 supplies themselves cannot be counted toward the DBE COA Goal.

33  
34 Note: Requests to be listed as a Regular Dealer will only be processed if the  
35 requesting firm is a material supplier certified by the Office of Minority and  
36 Women's Business Enterprises in a NAICS code that falls within the  
37 42XXXX NAICS Wholesale code section.

38  
39 **Disadvantaged Business Enterprise Utilization**

40 To be eligible for award of the Contract, the Bidder shall properly complete and submit  
41 a Disadvantaged Business Enterprise (DBE) Utilization Certification with the Bidder's  
42 sealed Bid Proposal, as specified in Section 1-02.9 Delivery of Proposal. The Bidder's  
43 DBE Utilization Certification must clearly demonstrate how the Bidder intends to meet  
44 the DBE COA Goal. A DBE Utilization Certification (WSDOT Form 272-056) is included  
45 in the Proposal package for this purpose as well as instructions on how to properly fill  
46 out the form.

47  
48 The Bidder is advised that the items listed below when listed in the Utilization  
49 Certification must have their amounts reduced to the percentages shown and those  
50 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.

- 1                   3.   Providing interested DBEs with adequate information about the Plans,  
2                   Specifications, and requirements of the Contract in a timely manner to assist  
3                   them in responding to a solicitation.  
4  
5                   a.   Negotiating in good faith with interested DBEs. It is the Bidder's  
6                   responsibility to make a portion of the Work available to DBE  
7                   subcontractors and suppliers and to select those portions of the Work or  
8                   material needs consistent with the available DBE subcontractors and  
9                   suppliers, so as to facilitate DBE participation. Evidence of such  
10                  negotiation includes the names, addresses, and telephone numbers of  
11                  DBEs that were considered; a description of the information provided  
12                  regarding the Plans and Specifications for the Work selected for  
13                  subcontracting; and evidence as to why additional agreements could not  
14                  be reached for DBEs to perform the Work.  
15  
16                  b.   A Bidder using good business judgment would consider a number of  
17                  factors in negotiating with subcontractors, including DBE subcontractors,  
18                  and would take a firm's price and capabilities as well as the DBE COA  
19                  Goal into consideration. However, the fact that there may be some  
20                  additional costs involved in finding and using DBEs is not in itself  
21                  sufficient reason for a Bidder's failure to meet the DBE COA Goal, as  
22                  long as such costs are reasonable. Also, the ability or desire of a Bidder  
23                  to perform the Work of a Contract with its own organization does not  
24                  relieve the Bidder of the responsibility to make Good Faith Efforts.  
25                  Bidders are not, however, required to accept higher quotes from DBEs if  
26                  the price difference is excessive or unreasonable.  
27  
28                  4.   Not rejecting DBEs as being unqualified without sound reasons based on a  
29                  thorough investigation of their capabilities. The Bidder's standing within its  
30                  industry, membership in specific groups, organizations, or associations and  
31                  political or social affiliations (for example union vs. non-union employee  
32                  status) are not legitimate causes for the rejection or non-solicitation of bids in  
33                  the Bidder's efforts to meet the DBE COA Goal.  
34  
35                  5.   Making efforts to assist interested DBEs in obtaining bonding, lines of credit,  
36                  or insurance as required by the recipient or Bidder.  
37  
38                  6.   Making efforts to assist interested DBEs in obtaining necessary equipment,  
39                  supplies, materials, or related assistance or services.  
40  
41                  7.   Effectively using the services of available minority/women community  
42                  organizations; minority/women contractors' groups; local, State, and Federal  
43                  minority/women business assistance offices; and other organizations as  
44                  allowed on a case-by-case basis to provide assistance in the recruitment and  
45                  placement of DBEs.  
46  
47                  8.   Documentation of GFE must include copies of each DBE and non-DBE  
48                  subcontractor quotes submitted to the Bidder when a non-DBE subcontractor  
49                  is selected over a DBE for Work on the Contract. (ref. updated DBE  
50                  regulations – 26.53(b)(2)(vi) & App. A)  
51

### **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.



1           **Subcontracts**

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

5                               ORegionOEO@wsdot.wa.gov  
6  
7

8           The prime contractor shall notify the Engineer in writing within five calendar days  
9           of subcontract submittal.  
10

11           **Reporting**

12           The Contractor and all subcontractors/suppliers/service providers that utilize  
13           DBEs to perform work on the project, shall maintain appropriate records that will  
14           enable the Engineer to verify DBE participation throughout the life of the project.  
15

16           Refer to Section 1-08.1 for additional reporting requirements associated with this  
17           contract.  
18

19           **Changes in COA Work Committed to DBE**

20           The Contractor shall utilize the COA DBEs to perform the work and supply the materials  
21           for which each is committed unless prior written approval by the Engineer is received by  
22           the Contractor. The Contractor shall not be entitled to any payment for work or material  
23           completed by the Contractor or subcontractors that was committed to be completed by  
24           the COA DBEs in the DBE Utilization Certification form.  
25

26           **Owner Initiated Changes**

27           In instances where the Engineer makes changes that result in changes to Work  
28           that was committed to a COA DBE the Contractor may be directed to substitute  
29           for the Work.  
30

31           **Contractor Initiated Changes**

32           The Contractor cannot change the scope or reduce the amount of work committed  
33           to a COA DBE without good cause. Reducing DBE Commitment is viewed as  
34           partial DBE termination, and therefore subject to the termination procedures  
35           below.  
36

37           **Original Quantity Underruns**

38           In the event that Work committed to a DBE firm as part of the COA underruns the  
39           original planned quantities the Contractor may be required to substitute other  
40           remaining Work to another DBE.  
41

42           **Contractor Proposed DBE Substitutions**

43           Requests to substitute a COA DBE must be for good cause (see DBE termination  
44           process below), and requires prior written approval of the Engineer. After  
45           receiving a termination with good cause approval, the Contractor may only replace  
46           a DBE with another certified DBE. When any changes between Contract Award  
47           and Execution result in a substitution of COA DBE, the substitute DBE shall have  
48           been certified prior to the bid opening on the Contract.  
49

## **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.

1 Good cause does not exist if:

- 2
- 3 • The Contractor seeks to terminate a COA DBE so that the Contractor
- 4 can self-perform the Work.
- 5
- 6 • The Contractor seeks to terminate a COA DBE so the Contractor can
- 7 substitute another DBE contractor or non-DBE contractor after Contract
- 8 Award.
- 9
- 10 • The failure or refusal of the COA DBE to perform its Work on the
- 11 subcontract results from the bad faith or discriminatory action of the
- 12 Contractor (e.g., the failure of the Contractor to make timely payments or
- 13 the unnecessary placing of obstacles in the path of the DBE's Work).
- 14

#### 15 **Decertification**

16 When a DBE is "decertified" from the DBE program during the course of the  
17 Contract, the participation of that DBE shall continue to count as DBE participation  
18 as long as the subcontract with the DBE was executed prior to the decertification  
19 notice. The Contractor is obligated to substitute when a DBE does not have an  
20 executed subcontract agreement at the time of decertification.

#### 21 **Consequences of Non-Compliance**

##### 22 **Breach of Contract**

23 Each contract with a Contractor (and each subcontract the Contractor signs with a  
24 Subcontractor) must include the following assurance clause:

25  
26 The Contractor, subrecipient, or Subcontractor shall not discriminate on the basis  
27 of race, color, national origin, or sex in the performance of this contract. The  
28 Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award  
29 and administration of DOT-assisted contracts. Failure by the Contractor to carry  
30 out these requirements is a material breach of this Contract, which may result in  
31 the termination of this Contract or such other remedy as the recipient deems  
32 appropriate, which may include, but is not limited to:

- 33 (1) Withholding monthly progress payments;
- 34
- 35 (2) Assessing sanctions;
- 36
- 37 (3) Liquidated damages; and/or
- 38
- 39 (4) Disqualifying the Contractor from future bidding as non-responsible.
- 40

##### 41 **Notice**

42 If the Contractor or any Subcontractor, Consultant, Regular Dealer, or service  
43 provider is deemed to be in non-compliance, the Contractor will be informed in  
44 writing, by certified mail by the Engineer that sanctions will be imposed for failure  
45 to meet the DBE COA Commitment and/or submit documentation of good faith  
46 efforts. The notice will state the specific sanctions to be imposed which may  
47 include impacting a Contractor or other entity's ability to participate in future  
48 contracts.  
49  
50

1           **Sanctions**

2           If it is determined that the Contractor's failure to meet all or part of the DBE COA  
3           Commitment is due to the Contractor's inadequate good faith efforts throughout the life  
4           of the Contract, including failure to submit timely, required Good Faith Efforts information  
5           and documentation, the Contractor may be required to pay DBE penalty equal to the  
6           amount of the unmet Commitment, in addition to the sanctions outlined in Section 1-  
7           07.11(5).  
8

9           **Payment**

10          Compensation for all costs involved with complying with the conditions of this  
11          Specification and any other associated DBE requirements is included in payment for the  
12          associated Contract items of Work, except otherwise provided in the Specifications.  
13

14       **1-07.12 Federal Agency Inspection**

15       *Section 1-07.12 is supplemented with the following:*  
16       **(July 25, 2022)**  
17

18       **Required Federal Aid Provisions**

19       The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised  
20       July 5, 2022 and the amendments thereto supersede any conflicting provisions of the Standard  
21       Specifications and are made a part of this Contract; provided, however, that if any of the  
22       provisions of FHWA 1273, as amended, are less restrictive than Washington State Law, then  
23       the Washington State Law shall prevail.  
24

25       The provisions of FHWA 1273, as amended, included in this Contract require that the  
26       Contractor insert the FHWA 1273 and amendments thereto in each subcontract, together with  
27       the wage rates which are part of the FHWA 1273, as amended. Also, a clause shall be included  
28       in each subcontract requiring the subcontractors to insert the FHWA 1273 and amendments  
29       thereto in any lower tier subcontracts, together with the wage rates. The Contractor shall also  
30       ensure that this section, REQUIRED FEDERAL AID PROVISIONS, is inserted in each  
31       subcontract for subcontractors and lower tier subcontractors. For this purpose, upon request to  
32       the Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the  
33       amendments thereto, the applicable wage rates, and this Special Provision.  
34

35       **1-07.17 Utilities and Similar Facilities**

36       *Section 1-07.17 is supplemented with the following:*  
37       **(April 2, 2007)**  
38

39       Locations and dimensions shown in the Plans for existing facilities are in accordance with  
40       available information obtained without uncovering, measuring, or other verification.  
41

42       The following addresses and telephone numbers of utility companies or their Contractors that  
43       will be adjusting, relocating, replacing or constructing utilities within the project limits are  
44       supplied for the Contractor's use:  
45

- 46       • Troy Saghafi, Tacoma Water, 253.502.8746, tsaghafi@cityoftacoma.org
- 47       • Greg Horodyski, Tacoma Power, 253.502.8557, GHorodyski@cityoftacoma.org
- 48       • Christa Lee, Environmental Services, 253.502.2256, CLEE@cityoftacoma.org
- 49       • City of Tacoma Light Division, Contact: Kevin Kelley, phone: (253) 502-8229
- 50       • City of Tacoma Water Division, Contact: Kimberly Baard, phone: (253) 396-3317

- City of Tacoma Traffic Division, Signal/Streetlight Shop, phone: (253) 591-5287
- Rainier Connect, Contact: Brian Munson, phone: (253) 312-2819;  
[Brian.Munson@Rainierconnect.net](mailto:Brian.Munson@Rainierconnect.net)
- Puget Sound Energy, Contact: Mike Klapperich, Electric, phone: (253) 313-3790 OR  
Amber Uhls, Gas, phone: (253) 476-6137
- CenturyLink, Contact: Eric Charity, phone: (206) 733-8871
- Comcast, Contact: Todd Gallant, phone: (253) 878-4955
- AT&T Broadband Information Services, Contact: Dan McGeough, phone: (425) 896-9830
- Level 3 Communications, [Level3NetworkRelocations@Level3.com](mailto:Level3NetworkRelocations@Level3.com)
- One-Number Locator Service "One Call System" telephone **1-800-424-5555**
- Verizon, Contact: David Lacombe, phone: (206) 305-5366
- MCI Metro Utility, Contact: Brad Landis, phone: (425) 229-3123
- T-Mobile, Contact: Steven Schauer, Phone: (360) 402-7725; [steven.schauer@t-mobile.com](mailto:steven.schauer@t-mobile.com)

#### **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.

- 1 E. The Contractor shall provide the Contracting Agency and all additional insureds with written  
2 notice of any policy cancellation, within two business days of their receipt of such notice.  
3
- 4 G. The Contractor shall not begin work under the Contract until the required insurance has  
5 been obtained and approved by the Contracting Agency  
6
- 7 H. Failure on the part of the Contractor to maintain the insurance as required shall constitute a  
8 material breach of contract, upon which the Contracting Agency may, after giving five  
9 business days' notice to the Contractor to correct the breach, immediately terminate the  
10 Contract or, at its discretion, procure or renew such insurance and pay any and all premiums  
11 in connection therewith, with any sums so expended to be repaid to the Contracting Agency  
12 on demand, or at the sole discretion of the Contracting Agency, offset against funds due the  
13 Contractor from the Contracting Agency.  
14
- 15 I. All costs for insurance shall be incidental to and included in the unit or lump sum prices of  
16 the Contract and no additional payment will be made.  
17

#### 18 **1-07.18(2) Additional Insured**

19

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

- 23     ▪ the Contracting Agency and its officers, elected officials, employees, agents, and  
24         volunteers  
25

26 The above-listed entities shall be additional insured(s) for the full available limits of liability  
27 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor  
28 are greater than those required by this Contract, and irrespective of whether the Certificate of  
29 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those  
30 maintained by the Contractor.  
31

32 For Commercial General Liability insurance coverage, the required additional insured  
33 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations  
34 and CG 20 37 10 01 for completed operations.  
35

#### 36 **1-07.18(3) Subcontractors**

37

38 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that  
39 complies with all applicable requirements of the Contractor-provided insurance as set forth  
40 herein, except the Contractor shall have sole responsibility for determining the limits of coverage  
41 required to be obtained by Subcontractors.  
42

43 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in  
44 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that  
45 section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10  
46 01 for ongoing operations and CG 20 37 10 01 for completed operations.  
47

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

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

2  
3 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and  
4 endorsements for each policy of insurance meeting the requirements set forth herein when the  
5 Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand  
6 such verification of coverage with these insurance requirements or failure of Contracting Agency  
7 to identify a deficiency from the insurance documentation provided shall not be construed as a  
8 waiver of Contractor's obligation to maintain such insurance.

9 Verification of coverage shall include:

- 10 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
- 11 2. Copies of all endorsements naming Contracting Agency and all other entities listed in  
12 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit  
13 a copy of any blanket additional insured clause from its policies instead of a separate  
14 endorsement.
- 15 3. Any other amendatory endorsements to show the coverage required herein.
- 16 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these  
17 requirements – actual endorsements must be submitted.

18  
19 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting  
20 Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required  
21 on this Project, a full and certified copy of that policy is required when the Contractor delivers  
22 the signed Contract for the work.

23  
24 **1-07.18(5) Coverages and Limits**

25  
26 The insurance shall provide the minimum coverages and limits set forth below. Contractor's  
27 maintenance of insurance, its scope of coverage, and limits as required herein shall not be  
28 construed to limit the liability of the Contractor to the coverage provided by such insurance, or  
29 otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

30  
31 All deductibles and self-insured retentions must be disclosed and are subject to approval by the  
32 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured  
33 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a  
34 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-  
35 insured retention shall be the responsibility of the Contractor.

36  
37 **1-07.18(5)A Commercial General Liability**

38  
39 Commercial General Liability insurance shall be written on coverage forms at least as broad as  
40 ISO occurrence form CG 00 01, including but not limited to liability arising from premises,  
41 operations, stop gap liability, independent contractors, products-completed operations, personal  
42 and advertising injury, and liability assumed under an insured contract. There shall be no  
43 exclusion for liability arising from explosion, collapse or underground property damage.

44  
45 The Commercial General Liability insurance shall be endorsed to provide a per project general  
46 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

47  
48 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's  
49 completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

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

#### **1-07.18(5)B Automobile Liability**

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

Such policy must provide the following minimum limit:

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

#### **1-07.18(5)C Workers' Compensation**

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

#### **1-07.18(5)J Pollution Liability (January 4, 2016 APWA GSP)**

The Contractor shall provide a Contractors Pollution Liability policy, providing coverage for claims involving bodily injury, property damage (including loss of use of tangible property that has not been physically injured), cleanup costs, remediation, disposal or other handling of pollutants, including costs and expenses incurred in the investigation, defense, or settlement of claims, arising out of any one or more of the following:

1. Contractor's operations related to this project.
2. Remediation, abatement, repair, maintenance or other work with lead-based paint or materials containing asbestos.
3. Transportation of hazardous materials away from any site related to this project.

All entities listed under 1-07.18(2) of these Special Provisions shall be named by endorsement as additional insureds on the Contractors Pollution Liability insurance policy.

Such Pollution Liability policy shall provide the following minimum limits:  
\$1,000,000 each loss and \$2,000,000 annual aggregate

#### **1-07.23 Public Convenience and Safety**

##### **1-07.23(1) Construction Under Traffic (May 2, 2017 APWA GSP)**

*Revise the third sentence of the second paragraph to read:*

Accessibility to existing or temporary pedestrian push buttons shall not be impaired; if approved by the Contracting Agency activating pedestrian recall timing or other accommodation may be allowed during construction.



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

(January 5, 2015)

Lane closures are subject to the following restrictions:

The following special traffic requirements shall be adhered to during all phases of construction:

South J Street (arterial), Yakima Avenue (arterial), South I Street (arterial), 6<sup>th</sup> Avenue (arterial), and Division Avenue (arterial) shall remain fully open to vehicular and pedestrian traffic at all times.

**EXCEPTION:**

1. Non-arterial classified roadways (and alleys) are permitted to be closed to traffic, if related to supportable active construction needs, so long as local access to properties and businesses is accommodated in the following scenarios:

- During construction working hours (i.e., weekdays 7 AM to 7 PM) when arrangements in advance have been made through coordination between the requestor, the contractor, and the City;
- During construction working hours when special/emergency access is needed;
- During construction working hours when emergency services needs to use the roadway;
- During construction working hours when passage through/along the work area is the only means to access an intersecting road and/or adjacent property; and
- During non-construction hours (i.e., all other hours other than the working hours).

2 . Any demolition, or closure of pedestrian accessibility, at a given corner of an intersection must be limited to that given corner, with the remaining three corners at the intersection (at a minimum) being used to facilitate a pedestrian detour, until full accessibility or an accessible connection with at least one other corner can be reestablished. Any temporary pedestrian access path/route that may be employed shall provide equivalent to, or better, accessibility than the unavailable path/route in accordance with the Americans with Disabilities Act and the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG).

3. Project work areas adjacent to or intersecting arterial streets (as identified above) shall not hinder the safety or traffic operations of the arterial street such that two-way vehicular traffic cannot be maintained at all times (which can include parking restrictions to allow for the roadway space needed). If the work occurring on an arterial street cannot practicably be completed while maintaining two-way traffic, then a directional (or movement-specific) closure and associated detour must be established using an alternate arterial route to be submitted for review and approval by the City. In either case, an intersection specific traffic control plan (unless already a part of the bid documents) must be developed for arterial streets intersecting one another and submitted for City review and approval at least 10 working days in advance of the work commencing. Intersection specific allowances/restrictions, in addition to any of the above that apply, are as follows:

#### **6th Avenue/South I Street Intersection:**

- Maintain two-lane, two-way traffic (in separate lanes of no less than 10-foot clear width, with 11-foot preferred for bus accommodations, and appropriate-for-the-conditions channelized delineation) through the work zone where the contractor is working. Maintained traffic lanes are permitted to be shifted (with proper temporary traffic control set-up) to utilize available roadway/intersection space. In doing so, signalized operations would need to be confirmed viable for the temporary configuration, arranged (10 working days in advance) to be modified satisfactory, and/or have UPO to control traffic/countermand the signal indications while the temporary configuration was active. To complete the work in accordance with these specifications, a directional closure (and associated arterial-based detour for the affected direction) may be required—if so, it shall only apply to South I Street (north of 6<sup>th</sup> Avenue) and shall only be utilized when necessary to carry out the construction safely. Contractor shall reopen the vehicle travel lanes at the conclusion of each workday unless there is a construction quality and/or safety reason to not do so.
- In advance of intersection work starting, PCMS shall be deployed (and notifications send out to City departments and other stakeholder agencies) at least 7 calendar days in advance on any/all streets leading into the specific work area. The PCMS shall be left in place for the duration of the work to complement the temporary traffic control set-up once construction begins. PCMS messaging shall be updated, as necessary, to conform with the construction activities and affected traffic operations.

#### **Adjacent Intersections:**

- 6<sup>th</sup> Avenue/Yakima Avenue (east of I Street): given Yakima Avenue at this location is only a one-way street (northbound) that dead-ends into 6<sup>th</sup> Avenue, any work and associated temporary traffic control shall not affect its vehicular or pedestrian movements and accessibility.
- 6<sup>th</sup> Avenue/J Street (west of I Street): given this intersection's proximity to the 6<sup>th</sup> Avenue/I Street intersection, it may be affected by temporary traffic control conditions and elements. However, at no time shall it not be able to safely accommodate and maintain two-way traffic (in separate lanes) in both directions for both roadways. In order to align with temporary traffic controls needed at the 6<sup>th</sup> Avenue/I Street intersection, its lanes may need to be shifted and the resulting signalized operations would need to be confirmed viable for the temporary configuration. If not confirmed viable due to the temporary traffic control elements affecting the intersection's operation, then the contractor would have to arrange (10 working days in advance) with the City to have the signal controls modified (and re-set afterward) to meet MUTCD requirements or have UPO present at the intersection to supplement the temporary traffic controls and ensure orderly and safe traffic operations while the temporary configuration is in effect, or, if the situation dictates, have UPO to control traffic/countermand the signal indications while the temporary configuration was active.
- I Street/Yakima Avenue (south of 6<sup>th</sup> Avenue): given Yakima Avenue at this location is only a one-way street (northbound) that dead-ends into 6<sup>th</sup> Avenue, any work and associated temporary traffic control shall not affect its vehicular or pedestrian movements and accessibility.
- 6<sup>th</sup> Avenue at Alley (west of I Street): the alley north or south of 6<sup>th</sup> Avenue may be closed (but not at the same time) to traffic if shown to be necessary for construction purposes and so long as the closures abide with the conditions presented farther above.

1 To minimize the disruption to access to adjacent properties, and to Pierce Transit operations,  
2 the lane closure area shall be limited to that area of active work and necessary for appropriate  
3 lane closure tapers. The Contractor shall stage work to maintain access to and egress from  
4 all properties at all times.

5  
6 A safe pedestrian access shall be provided at all times through the project area. All lane  
7 closures supported by an approved traffic control plan shall be conveyed at least 48 hours in  
8 advance to adjacent businesses, school/school district (as applicable), other contractors  
9 working within the project vicinity, local transit agencies and the City. As reflected in the traffic  
10 control plans and when requested in writing the Engineer may approve the restriction of  
11 parking through the construction work area. Parking restrictions shall be limited to the actually  
12 areas where work is occurring, the Engineer may revise or place further restrictions on this  
13 approval, if in the Engineer's sole judgement, the restriction is unnecessary to perform the  
14 work operation. Temporary/portable signs for restricting parking shall be approved by the City  
15 and placed by the Contractor at least seventy-two (72) hours in advance. The Contractor shall  
16 be responsible for and shall maintain all such signs.

17  
18 The Contractor shall notify all property owners and tenants of detours, street and alley  
19 closures, or other restrictions that may interfere with their access. Notification shall be at least  
20 seven (7) calendar days in advance for any affected properties/access. A minimum of ten (10)  
21 calendar days' notice shall be provided to Pierce Transit for any routes, route movements,  
22 and/or bus stops affected by work zones and/or work zone provisions. Emergency traffic,  
23 such as police, fire, and disaster units, shall be provided access at all times. In addition, the  
24 Contractor shall convey their activities at least 7 calendar days in advance with all disposal  
25 firms and transit bus service that may be operating in the project area. If street closures or  
26 lane restrictions, not provided for in the Specifications, are allowed subsequent to award of  
27 the contract, an equitable adjustment of the Contract amount shall be negotiated.

28  
29 If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer  
30 may adjust the hours accordingly. The Engineer will notify the Contractor in writing of any  
31 change in the closure hours.

32  
33 Lane closures are not allowed on any of the following:

- 34 1. A holiday,
  - 35 2. A holiday weekend; holidays that occur on Friday, Saturday, Sunday or Monday are  
36 considered a holiday weekend. A holiday weekend includes Saturday, Sunday, and the  
37 holiday.
  - 38 3. After 3:00pm on the day prior to a holiday or holiday weekend, and
  - 39 4. Before 9:00 am on the day after the holiday or holiday weekend.
- 40

#### 41 **1-07.23(2) Construction and Maintenance of Detours**

42 **(\*\*\*\*\*)**

43 *This section is supplemented with the following:*

44  
45 Detour signing during any allowed road closures shall be in accordance with Detour Plans,  
46 when included in the Contract Documents. The Contractor may submit for City consideration  
47 alternate traffic control/detour plans to those included in the contract documents. Such  
48 alternate plans must comply with the MUTCD and shall be in writing and submitted to the  
49 Engineer at least fifteen (15) calendar days in advance of their intended use. In general,  
50 detouring of arterial traffic must be accomplished on streets designated as City Arterials.  
51 Detouring of arterial traffic on non-arterial streets will not be allowed. The acceptance of any

1 alternate plan shall be entirely at the discretion of the Engineer. There shall not be any  
2 additional payment by reason of using a substitute plan.

3  
4 The Contractor shall notify the Engineer ten (10) working days in advance of implementation  
5 of any street closures/detours allowed under the Contract. Advance notice signing shall be  
6 placed a minimum of seven (7) calendar days prior to implementation of any street  
7 closure/detour.

8  
9 A minimum of seven (7) calendar days prior to any street closure, the Contractor shall notify  
10 all entities below:

11	Tacoma Fire Dept.	(253-591-5775)
12	Tacoma Police Dept.	(253-591-5932)
13	LESA Communications Center	(253-798-4721 - Opt.#2)
14	Tacoma Public Schools Transportation Office	(253-571-1853)
15	Pierce Transit	(253-377-5027)
16	Tacoma Environmental Services Solid Waste	(253-591-5544)
17	Tacoma Public Works Engineering Division	(253-591-5500)
18	Tacoma Public Works Streets and Grounds	(253-591-5495)
19		
20		

21 **1-07.24 Rights of Way**  
22 **(July 23, 2015 APWA GSP)**

23  
24 *Delete this section and replace it with the following:*

25  
26 Street Right of Way lines, limits of easements, and limits of construction permits are indicated in  
27 the Plans. The Contractor's construction activities shall be confined within these limits, unless  
28 arrangements for use of private property are made.

29  
30 Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and  
31 easements, both permanent and temporary, necessary for carrying out the work. Exceptions to  
32 this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly  
33 issued Addendum.

34  
35 Whenever any of the work is accomplished on or through property other than public Right of  
36 Way, the Contractor shall meet and fulfill all covenants and stipulations of any easement  
37 agreement obtained by the Contracting Agency from the owner of the private property. Copies  
38 of the easement agreements may be included in the Contract Provisions or made available to  
39 the Contractor as soon as practical after they have been obtained by the Engineer.

40  
41 Whenever easements or rights of entry have not been acquired prior to advertising, these areas  
42 are so noted in the Plans. The Contractor shall not proceed with any portion of the work in  
43 areas where right of way, easements or rights of entry have not been acquired until the  
44 Engineer certifies to the Contractor that the right of way or easement is available or that the right  
45 of entry has been received. If the Contractor is delayed due to acts of omission on the part of  
46 the Contracting Agency in obtaining easements, rights of entry or right of way, the Contractor  
47 will be entitled to an extension of time. The Contractor agrees that such delay shall not be a  
48 breach of contract.

49  
50 Each property owner shall be given 48 hours notice prior to entry by the Contractor. This  
51 includes entry onto easements and private property where private improvements must be  
52 adjusted.

1  
2 The Contractor shall be responsible for providing, without expense or liability to the Contracting  
3 Agency, any additional land and access thereto that the Contractor may desire for temporary  
4 construction facilities, storage of materials, or other Contractor needs. However, before using  
5 any private property, whether adjoining the work or not, the Contractor shall file with the  
6 Engineer a written permission of the private property owner, and, upon vacating the premises, a  
7 written release from the property owner of each property disturbed or otherwise interfered with  
8 by reasons of construction pursued under this contract. The statement shall be signed by the  
9 private property owner, or proper authority acting for the owner of the private property affected,  
10 stating that permission has been granted to use the property and all necessary permits have  
11 been obtained or, in the case of a release, that the restoration of the property has been  
12 satisfactorily accomplished. The statement shall include the parcel number, address, and date  
13 of signature. Written releases must be filed with the Engineer before the Completion Date will  
14 be established.  
15

16 **END OF SECTION**  
17

## **1-08 PROSECUTION AND PROGRESS**

### **1-08.0 Preliminary Matters (May 25, 2006 APWA GSP)**

#### **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.

#### **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 **two (2) working days** prior to the day(s) the Contractor is requesting to change the hours.

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

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

employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)

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

#### **1-08.1 Subcontracting (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(2)A Type A Progress Schedule (March 13, 2012 APWA GSP)**

*Revise this section to read:*

The Contractor shall submit **four (4)** 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 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**

*(January 19, 2022 APWA GSP, Option A)*

Revise the third and fourth paragraphs to read:

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

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



Revise the sixth paragraph to read:

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

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
  - a. Certified Payrolls (per Section 1-07.9(5)).
  - b. Material Acceptance Certification Documents
  - c. Monthly Reports 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

*This section is supplemented with the following:*  
**(March 13, 1995)**

This project shall be physically completed within **75** working days.

#### **1-08.6 Suspension of Work**

*Section 1-08.6 is supplemented with the following*

**(January 2, 2018)**

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 Poles”  
“Pedestrian Poles”

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 \$1,650.00 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.

**END OF SECTION**

1 **1-09 MEASUREMENT AND PAYMENT**

2  
3 **1-09.2(1) General Requirements for Weighing Equipment**  
4 **(July 23, 2015 APWA GSP, Option 2)**

5  
6 *Revise item 4 of the fifth paragraph to read:*

- 7  
8 4. Test results and scale weight records for each day's hauling operations are provided to  
9 the Engineer daily. Reporting shall utilize WSDOT form 422-027, Scaleman's Daily  
10 Report, unless the printed ticket contains the same information that is on the Scaleman's  
11 Daily Report Form. The scale operator must provide AM and/or PM tare weights for  
12 each truck on the printed ticket.

13  
14 **1-09.6 Force Account**  
15 **(October 10, 2008 APWA GSP)**

16 *Supplement this Section with the following:*

17  
18 The Contracting Agency has estimated and included in the Proposal, dollar amounts for all  
19 items to be paid per force account, only to provide a common proposal for Bidders. All such  
20 dollar amounts are to become a part of Contractor's total bid. However, the Contracting Agency  
21 does not warrant expressly or by implication, that the actual amount of work will correspond with  
22 those estimates. Payment will be made on the basis of the amount of work actually authorized  
23 by Engineer.

24  
25 **1-09.7 Mobilization**  
26 **(December 10, 2020 APWA GSP)**

27  
28 Delete this Section and replace it with the following:

29  
30 Mobilization consists of preconstruction expenses and the costs of preparatory Work and  
31 operations performed by the Contractor which occur before 10 percent of the total original  
32 amount of an individual Bid Schedule is earned from other Contract items on that Bid  
33 Schedule. Items which are not to be included in the item of Mobilization include but are not  
34 limited to:

- 35  
36 1. Any portion of the Work covered by the specific Contract item or incidental Work  
37 which is to be included in a Contract item or items.  
38 2. Profit, interest on borrowed money, overhead, or management costs.  
39 3. Any costs of mobilizing equipment for force account Work.

40  
41 Based on the lump sum Contract price for "Mobilization", partial payments will be made as  
42 follows:

- 43  
44 1. When 5 percent of the total original Bid Schedule amount is earned from other  
45 Contract items on that original Bid Schedule, excluding amounts paid for materials  
46 on hand, 50 percent of the Bid Item for mobilization on that original Bid Schedule, 5  
47 percent of the total of that original Bid Schedule, or 5 percent of the total original  
48 Contract amount, whichever is the least, will be paid.  
49 2. When 10 percent of the total original Bid Schedule amount is earned from other  
50 Contract items on that original Bid Schedule, excluding amounts paid for materials  
51 on hand, 100 percent of the Bid Item for mobilization on that original Bid Schedule,

- 1 10 percent of the total of that original Bid Schedule, or 10 percent of the total original  
2 Contract amount, whichever is the least, will be paid.  
3 3. When the Substantial Completion Date has been established for the project,  
4 payment of any remaining amount Bid for mobilization will be paid.  
5

6 Nothing herein shall be construed to limit or preclude partial payments otherwise provided  
7 by the Contract.  
8

9 **1-09.9 Payments**

10 *(January 19, 2022 APWA GSP)*  
11

12 Section 1-09.9 is revised to read:  
13

14 The basis of payment will be the actual quantities of Work performed according to the  
15 Contract and as specified for payment.  
16

17 The Contractor shall submit a breakdown of the cost of lump sum bid items at the  
18 Preconstruction Conference, to enable the Project Engineer to determine the Work  
19 performed on a monthly basis. A breakdown is not required for lump sum items that include  
20 a basis for incremental payments as part of the respective Specification. Absent a lump  
21 sum breakdown, the Project Engineer will make a determination based on information  
22 available. The Project Engineer's determination of the cost of work shall be final.  
23

24 Progress payments for completed work and material on hand will be based upon progress  
25 estimates prepared by the Engineer. A progress estimate cutoff date will be established at  
26 the preconstruction conference.  
27

28 The initial progress estimate will be made not later than 30 days after the Contractor  
29 commences the work, and successive progress estimates will be made every month  
30 thereafter until the Completion Date. Progress estimates made during progress of the work  
31 are tentative, and made only for the purpose of determining progress payments. The  
32 progress estimates are subject to change at any time prior to the calculation of the final  
33 payment.  
34

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

- 36 1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of  
37 work completed multiplied by the unit price.  
38 2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum  
39 breakdown for that item, or absent such a breakdown, based on the Engineer's  
40 determination.  
41 3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or  
42 other storage area approved by the Engineer.  
43 4. Change Orders — entitlement for approved extra cost or completed extra work as  
44 determined by the Engineer.  
45  
46  
47

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.

Failure to perform any of the obligations under the Contract by the Contractor may be decreed by the Contracting Agency to be adequate reason for withholding any payments until compliance is achieved.

Upon completion of all Work and after final inspection (Section 1-05.11), the amount due the Contractor under the Contract will be paid based upon the final estimate made by the Engineer and presentation of a Final Contract Voucher Certification to be signed by the Contractor. The Contractor's signature on such voucher shall be deemed a release of all claims of the Contractor unless a Certified Claim is filed in accordance with the requirements of Section 1-09.11 and is expressly excepted from the Contractor's certification on the Final Contract Voucher Certification. The date the Contracting Agency signs the Final Contract Voucher Certification constitutes the final acceptance date (Section 1-05.12).

If the Contractor fails, refuses, or is unable to sign and return the Final Contract Voucher Certification or any other documentation required for completion and final acceptance of the Contract, the Contracting Agency reserves the right to establish a Completion Date (for the purpose of meeting the requirements of RCW 60.28) and unilaterally accept the Contract. Unilateral final acceptance will occur only after the Contractor has been provided the opportunity, by written request from the Engineer, to voluntarily submit such documents. If voluntary compliance is not achieved, formal notification of the impending establishment of a Completion Date and unilateral final acceptance will be provided by email with delivery confirmation from the Contracting Agency to the Contractor, which will provide 30 calendar days for the Contractor to submit the necessary documents. The 30 calendar day period will begin on the date the email with delivery confirmation is received by the Contractor. The date the Contracting Agency unilaterally signs the Final Contract Voucher Certification shall constitute the Completion Date and the final acceptance date (Section 1-05.12). The reservation by the Contracting Agency to unilaterally accept the Contract will apply to Contracts that are Physically Completed in accordance with Section 1-08.5, or for Contracts that are terminated in accordance with Section 1-08.10. Unilateral final acceptance of the Contract by the Contracting Agency does not in any way relieve the Contractor of their responsibility to comply with all Federal, State, tribal, or local laws, ordinances, and regulations that affect the Work under the Contract.

Payment to the Contractor of partial estimates, final estimates, and retained percentages shall be subject to controlling laws.

1 **1-09.9(1) Retainage**

2  
3 Section 1-09.9(1) content and title is deleted and replaced with the following:

4 **(June 27, 2011)**

5 **Vacant**

6  
7 **1-09.13(3)A Arbitration General**

8 *(January 19, 2022 APWA GSP)*

9  
10 Revise the third paragraph to read:

11  
12 The Contracting Agency and the Contractor mutually agree to be bound by the decision of  
13 the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in  
14 the Superior Court of the county in which the Contracting Agency's headquarters is located,  
15 provided that where claims subject to arbitration are asserted against a county, RCW  
16 36.01.050 shall control venue and jurisdiction of the Superior Court. The decision of the  
17 arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use  
18 the Contract as a basis for decisions.  
19

20  
21 **END OF SECTION**  
22

1 **1-10 TEMPORARY TRAFFIC CONTROL**

2  
3 **1-10.1(2) Description**

4 **(July 22, 2019 Tacoma GSP)**

5 *The first sentence of the fourth paragraph is revised to read:*

6  
7 The Contractor shall keep lanes, on-ramps, and off-ramps open to traffic at all times except  
8 when Work requires closure(s) that have been requested and approved in accordance with  
9 section 1-10.2(2).

10  
11 *The third sentence of the fourth paragraph is revised to read:*

12  
13 Approved lane and ramp closures shall be for the minimum time required to complete the  
14 Work.

15  
16 *This section is supplemented with the following:*

17  
18 Only uniformed off-duty police officers shall be used to countermand traffic signal indications  
19 as supplement to an overall temporary traffic control plan and provisions being utilized at the  
20 signalized intersection(s).

21  
22 The City will make all necessary temporary adjustments to existing traffic signals and traffic  
23 signal activators.

24  
25 Preservation of temporary traffic control and any temporary traffic control devices shall be the  
26 sole responsibility of the Contractor.

27  
28 As the work progresses and permits, temporarily relocated and/or removed traffic control  
29 devices shall be reset at to their pre-construction positions. Traffic control devices damaged  
30 at any stage in this process, or lost by the Contractor, shall be replaced or repaired at the  
31 Contractor's expense.

32  
33 **1-10.2 Traffic Control Management**

34  
35 **Traffic Control Management**

36 **1-10.2(1) General**

37 **(January 3, 2017)**

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

39  
40 (January 10, 2022)

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

42  
43 The Northwest Laborers-Employers Training Trust  
44 27055 Ohio Ave.  
45 Kingston, WA 98346  
46 (360) 297-3035

47  
48 Evergreen Safety Council  
49 12545 135<sup>th</sup> Ave. NE  
50 Kirkland, WA 98034-8709  
51 1-800-521-0778  
52

1 The American Traffic Safety Services Association  
2 15 Riverside Parkway, Suite 100  
3 Fredericksburg, Virginia 22406-1022  
4 Training Dept. Toll Free (877) 642-4637  
5 Phone: (540) 368-1701  
6

7 Integrity Safety  
8 13912 NE 20th Ave.  
9 Vancouver, WA 98686  
10 (360) 574-6071  
11 <https://www.integritysafety.com>  
12

13 US Safety Alliance  
14 (904) 705-5660  
15 <https://www.ussafetyalliance.com>  
16

17 K&D Services Inc.  
18 2719 Rockefeller Ave.  
19 Everett, WA 98201  
20 (800) 343-4049  
21 <https://www.kndservices.net>  
22

23 **1-10.3(1)B Other Traffic Control Labor**  
24 **(\*\*\*\*\*)**  
25

26 Section 1-10.3(1)B is supplemented with the following:  
27

28 **Uniformed Police Officer**  
29

30 **Definitions:**

31 Uniformed Police Officer as used in this specification is a "General Authority Washington  
32 Peace Officer" as defined by RCW 10.93.020 (3), or a "Specially Commissioned Washington  
33 Peace Officer" as defined by RCW 10.93.020(5).

34 Law Enforcement Agency as used in this specification is a "General Authority Washington  
35 Law Enforcement Agency" as defined by RCW 10.93.020 (1).  
36

37 The Contractor shall arrange for off-duty Uniformed Police Officers to be present for the  
38 following activities:

- 39 1. At the commissioning of a new traffic signal, or the recommissioning of an existing  
40 traffic signal which has been upgraded.
  - 41 2. Countermanding a traffic signal indication at a signalized intersection.
  - 42 3. Directing vehicle and pedestrian traffic when a traffic signal indication is turned off or  
43 is inoperative.
  - 44 4. Where the Engineer deems it necessary for safety, including work during hours of  
45 darkness.
- 46



1 It shall be the Contractor's responsibility to secure the off duty Uniformed Police Officer as  
2 required by the contract, including the costs to arrange, coordinate, and supervise.

3  
4 The following contact information is supplied for the Contractor's convenience:

5  
6 Agency Police Officer  
7 Contact: Special Events Sergeant  
8 Phone: 253-591-5932  
9 Email: TacomaPoliceEvents@cityoftacoma.org

10  
11 County Deputy Sheriff  
12 Contact: Deputy Corey Olson  
13 Phone: 253-377-3278  
14 Email: corey.olson@piercecountywa.gov

15  
16 Washington State Patrol  
17 Contact: Cindy Slater  
18 Phone: 253-538-3113  
19 Email: cindy.slater@wsp.wa.gov

20  
21 The services provided under the bid item "Uniformed Police Officer" shall be considered a  
22 subcontractor with the attendant requirements and responsibilities.

23  
24 **1-10.4 Measurement**

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

26  
27 **1-10.4(2) Item Bids With Lump Sum for Incidentals**

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

29  
30 **(August 2, 2004)**

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

33  
34 **1-10.5 Payment**

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

36  
37 **(May 20, 2020)**

38 "Contractor Provided Uniformed Police Officer", per hour.

39  
40 The unit Contract price per hour for "Contractor Provided Uniformed Police Officer"  
41 shall be full pay for performing the Work as specified and as shown in the Plans,  
42 including all costs for arrangement for and supervision of a uniformed law  
43 enforcement personnel and vehicles to participate in the Contractor's traffic control  
44 activities.

45  
46  
47  
48 **END OF SECTION**  
49

1 **2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP**  
2 **(March 17, 2016 Tacoma GSP)**  
3

4 **2-01.1 Description**

5 *The first sentence of the first paragraph is revised to read:*

6 The Contractor shall clear, grub, and cleanup those areas contained within the "Clearing &  
7 Grubbing" limits indicated on the Plans.

8  
9 *This section is supplemented with the following:*

10  
11 Trees, stumps, shrubs, and brush located outside the Clearing & Grubbing limits shall be  
12 considered as part of "Clearing and Grubbing" when identified for removal on the Plans.  
13

14 **2-01.2 Disposal of Usable Material and Debris**

15 *The second paragraph is revised to read:*

16  
17 The Contractor shall dispose of all debris in accordance with Section 2-01.2(2).  
18

19 **2-01.3(1) Clearing**

20 *This section is revised to read:*

- 21 1. Fell trees only within the area to be cleared.
- 22 2. Close-cut parallel to the slope of the ground all stumps to be left in the cleared area  
23 outside the slope stakes.
- 24 3. Close cut all stumps that will be buried by fills 5-feet or less in depth.
- 25 4. Follow these requirements for all stumps that will be buried by fills deeper than 5-feet  
26 from the top, side, or end surface of the embankment or any structure and are in a  
27 location that will not be terraced as described in Section 2-03.3(14):
  - 28 a. Close-cut stumps under 18-inches in diameter.
  - 29 b. Trim stumps that exceed 18-inches in diameter to no more than 12-inches  
30 above original ground level.
- 31 5. Leave standing any trees or native growth indicated by the Engineer.
- 32 6. Trim all trees to be left standing to the height specified by the Engineer, with a  
33 minimum height of eight (8) feet above sidewalk and fourteen (14) feet above the  
34 roadway surface. Neatly cut all limbs close to the tree trunk.
- 35 7. Thin clumps of native growth as the Engineer may direct.
- 36 8. Protect, by fencing or other means if necessary, all trees or native growth from any  
37 damage caused by construction operations per City of Tacoma Standard Plan LS-08.
- 38 9. Clean and remove all vegetation from existing curb and gutter.

39  
40 *This section is added:*

41 **2-01.3(1)A Tree Protection**  
42

43 Trees not marked for removal or in clearing and grubbing limits shall be protected in accordance  
44 with Standard Specifications, Urban Forestry Manual, City of Tacoma Standard Plan, and  
45 certified arborist recommendations. Protection activities shall include, but are not limited to, use  
46 of straight edge buckets for excavation, hand digging where necessary, clean cutting roots that  
47 need removal, root shaving, installing wire mesh and fencing, protecting cut roots  
48

1 **2-01.3(2) Grubbing**

2 *Item e is revised to read:*

3  
4 Upon which embankments will be placed, except stumps may be close-cut or trimmed as  
5 allowed in Section 2-01.3(1) item 4.  
6

7 **2-01.3(5) Definition of Vegetation**

8  
9 A “tree” is defined as any self-supporting, woody perennial plant having a main stem (trunk) and  
10 which normally attains a height of at least ten (10) feet at maturity, usually with one (1) main  
11 stem or trunk and many branches.  
12

13 A “shrub” is defined as any woody perennial plant which normally attains a height of less than  
14 ten (10) feet at maturity and which can be construed to have some landscape value.  
15

16 “Brush” is defined as any perennial vegetation which normally attains a height of ten (10) feet or  
17 less at maturity, which is not maintained as part of a landscape feature, which is “volunteer”  
18 growth or which exists in a naturalized state. Examples include but are not limited to stands of  
19 blackberries and scotch broom.  
20

21 **2-01.3(5) Tree and Stump Classifications**

22  
23 Trees shall be classified by the measured diameter at a point four and one-half (4-½) feet above  
24 average ground level. Trees that have several stems at the four and one-half (4-½) foot height  
25 will be considered a tree clump. The largest diameter single stem will be measured and will  
26 dictate the class rating. Only the largest, single stem in the clump will be utilized for  
27 measurement and payment.  
28

29 Stumps shall be classified by the measured diameter at the highest point of the stump above  
30 the average ground level or a point four and one-half (4-1/2) feet above the average ground  
31 level, whichever is less.  
32

33 Trees and stumps will be classified as follows:

34		
35	Less than 4 inches	Class 0
36	4 inches up to but not including 12 inches	Class I
37	12 inches up to but not including 24 inches	Class II
38	24 inches up to and including 42 inches	Class III
39	Greater than 42 inches (Tree height greater than 30 feet)	Class IV
40	Greater than 42 inches (Tree height of 30 feet or less)	Class V
41		
42		
43		
44		
45		

**END OF SECTION**

**2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**  
**(December 9, 2005 Tacoma GSP)**

**2-02.3(3) Removal of Pavement, Sidewalks, and Curbs**  
*This section is deleted.*

*Section 2-02.3 is supplemented with the following:*

**END OF SECTION**

1 **2-03 ROADWAY EXCAVATION AND EMBANKMENT**  
2 **(August 14, 2019 Tacoma GSP)**  
3

4 **2-03.1 Description**

5 *The last sentence of the first paragraph is deleted.*  
6  
7

8 **2-03.3(5) Slope Treatment**

9 *This section is deleted.*  
10

11 **2-03.3(19) Removal of Pavement, Sidewalks, Curbs, and Gutters**

12 *This section is deleted.*  
13  
14  
15

16 **END OF SECTION**  
17  
18

1 **2-06 SUBGRADE PREPARATION**  
2 **(September 20, 2018 Tacoma GSP)**  
3

4 **2-06.3 Construction Requirements**

5 *This section is supplemented with the following:*  
6

7 **Subgrade Repair for Subgrade Not Constructed Under Same Contract**

8 Upon removal of pavement, the Contractor and City Inspector shall walk the subgrade surface  
9 to determine and delineate any subgrade areas that need to be repaired. Any Subgrade areas  
10 that require repair, from the initial walkthrough, shall be determined solely by the City Inspector.  
11 Any initial subgrade repairs shall be paid for according to Section 2-06.5(2). Subgrade repair  
12 shall be performed in accordance with Section 2-06 and immediately after it has been  
13 determined and delineated. In order to minimize damage to the subgrade, the Contractor is  
14 encouraged to minimize pavement removal during the work.  
15

16 **Subgrade Maintenance and Protection**

17 Immediately after the contractor constructs the subgrade or completes initial subgrade repair to  
18 the City's satisfaction, the contractor shall maintain and protect the subgrade. Any defects or  
19 damage of the subgrade thereafter shall be repaired or replaced according to Section 2-06, at  
20 the Contractor's expense before placement of any succeeding courses or pavement.  
21 Maintenance and protection of the subgrade shall be the responsibility of the Contractor. The  
22 Contractor shall be required to take precautionary measures to prevent damage by heavy loads  
23 or equipment, as well as from inclement weather.  
24

25 The Contractor and City Inspector should walk the exposed subgrade on a daily basis to  
26 determine if there is damage to the subgrade. Any Subgrade areas that require repair  
27 according to this section shall be determined solely by the City Inspector.  
28

29 **2-06.5 Measurement and Payment**

30 *This section is supplemented with the following:*  
31

32 If the contractor fails to protect the subgrade so that additional subgrade repairs are required as  
33 determined by the City Inspector, then the city shall not owe payment for these additional  
34 subgrade repairs in accordance with Section 2-06.3.  
35

36 **2-06.5(2) Subgrade Not Constructed Under Same Contract**

37 *Item 5 under this section is deleted.*  
38  
39

40 **END OF SECTION**  
41

1 **2-07 WATERING**  
2 **(August 3, 2009 Tacoma GSP)**  
3

4 **2-07.3 Construction Requirements**

5 *The last sentence of the first paragraph is revised to read:*  
6

7 The Engineer may direct that the Contractor apply water during non-working hours such as  
8 evenings, weekends, or recognized holidays.  
9

10 *Section 2-07.3 is supplemented with the following:*  
11

12 **2-07.3(1) Water Supplied from Hydrants**  
13

14 There is no guarantee that all fire hydrants will be available for use for cleaning, lining, or any  
15 other construction activities associated with this project. Prior to construction activities, it shall  
16 be the Contractor's responsibility to verify which hydrants will be available by contacting  
17 Tacoma Water. The Contractor shall use only those hydrants designated by Tacoma Water.  
18

19 Water supplied from hydrants governed by Tacoma Water shall be used in strict compliance  
20 with the "Operating Procedures for the use of Water Division Hydrants" available at the Tacoma  
21 Water Permit Counter.  
22

23 The Contractor shall obtain a Hydrant Permit prior to start of work by contacting the Water  
24 Permit Counter at (253) 502-8247, 2<sup>nd</sup> floor, Tacoma Public Utilities, Administrative Building,  
25 3628 South 35<sup>th</sup> Street, Tacoma, WA 98409. A copy of the approved Hydrant Permit shall be  
26 submitted to the Engineer.  
27

28 Contractor personnel shall be in possession of a valid Tacoma Public Utilities Hydrant  
29 Certification Card prior to obtaining a permit. If necessary, contractor personnel shall undergo  
30 training to receive the required certification. Contact the Water Permit Counter to set up training  
31 as necessary.  
32

33  
34 **END OF SECTION**  
35

1  
2 **2-09 STRUCTURE EXCAVATION**  
3 **(March 17, 2016 Tacoma GSP)**  
4

5 **2-09.4 Measurement**

6 *This section is supplemented with the following:*  
7

8 **Longitudinal Limits.** For all storm and sanitary sewers, the longitudinal measurement will be  
9 from center of manhole to center of manhole or to the inside face of catch basins and similar  
10 type structures.  
11

12 *The fourth paragraph is revised to read:*  
13

14 There will be no specific unit of measure for the excavation required for manholes, catch basins,  
15 grate inlets, and drop inlets.  
16

17 **2-09.5 Payment**

18 *The pay item for "Structure Excavation Class B" is supplemented with the following:*  
19

20 "Structure Excavation Class B", per cubic yard.  
21

22 The unit Contract price for "Structure Excavation Class B" shall be full payment for all  
23 excavation, removal of water; storing, protecting and re-handling of suitable backfill material;  
24 backfilling of the trench, compaction of backfill, and all other work necessary for the construction  
25 of the sewer trench.  
26  
27

28 **END OF SECTION**  
29  
30



**2-14 PAVEMENT REMOVAL**  
**(March 17, 2003 Tacoma GSP)**

**2-14.1 Description**

The Work described in this section includes the removal and disposal of pavement surfaces identified on the Plans or as marked in the field.

**2-14.2 Pavement Classification**

Removal of pavement will be according to type and class based on composition and thickness, as defined below:

<b>Type I</b>	Pavement removal where all or portions of the existing pavement is being removed in conjunction with street construction or any other removal not described below for Type II or Type III.
<b>Type II</b>	Pavement removal required for the placing of utilities at greater and varying depths, such as sewers.
<b>Type III</b>	Pavement removal required for narrow and shallow utility cuts in order to install light cables, conduits and similar shallow utilities.
<b>Class A2</b>	Class A2 pavement removal shall apply to the removal of asphalt concrete, bituminous road surfacing, multiple lift bituminous surface treatments or any combination of these components having an average thickness of two inches or less.
<b>Class A4</b>	Class A4 pavement removal shall apply to the removal of asphalt concrete, bituminous road surfacing, multiple lift bituminous surface treatments or any combination of these components having an average thickness between two inches and four inches.
<b>Class A8</b>	Class A8 pavement removal shall apply to the removal of asphalt concrete, bituminous road surfacing, multiple lift bituminous surface treatments or any combination of these components having an average thickness between four inches and eight inches.
<b>Class C6</b>	Class C6 pavement removal shall apply to all non-reinforced cement concrete pavements or slabs having an average thickness of six inches or less. After the curbs and pavement have been constructed, the Contractor may be required to remove additional sidewalk necessary to provide proper connections and grades, as determined by the Engineer.
<b>Class C12</b>	Class C12 pavement removal shall apply to all non-reinforced cement concrete pavements or slabs having an average thickness of between 6 inches and 12 inches.

**Class CA** Class CA pavement removal shall apply to all pavements that have a wearing surface of asphalt concrete upon a cement concrete pavement or, cement concrete base, and for which the total combined thickness of the pavement averages between six inches and twelve inches.

**Class H** Class H pavement removal shall apply to early type pavement of a cement concrete base with a brick or cobblestone surface and potentially an additional layer of asphalt concrete pavement for which the total combined thickness of the pavement averages between ten inches and twenty inches.

### **2-14.3 Construction Requirements**

All final meetlines shall be sawcut.

Where monolithic cement concrete pavement and curb are being removed, the curb removal shall be considered as pavement removal, and the measurement for payment will be to the back of the curb.

The removal of existing street improvements shall be conducted in such a manner as not to damage utilities and any portion of the improvement that is to remain in place. Any deviation in this matter will obligate the Contractor, at no expense to the Contracting Agency, to repair, replace, or otherwise make proper restoration to the satisfaction of the Engineer.

In the event a pavement averages more than the maximum thickness specified for its class, an additional payment will be made to cover the extra thickness removed by a proportional conversion into additional square yards.

### **2-14.4 Measurement**

Pavement removal will be measured per square yard.

Type I pavement removal will be measured in its original position through the use of survey techniques.

### **2-14.5 Payment**

Payment will be made in accordance with Section 1-04.1.

“Remove Existing Pavement, Type \_\_\_\_ Class\_\_\_\_”, per square yard

All costs associated with saw cutting meet lines shall be included in the unit Contract price for pavement removal.

**END OF SECTION**

1 **2-15 CURB AND CURB AND GUTTER REMOVAL**  
2 **(March 17, 2003 Tacoma GSP)**  
3

4 **2-15.1 Description**  
5

6 The Work described in this section includes the complete removal and disposal of curbs and  
7 curb and gutter identified on the Plans or as marked in the field.  
8

9 **2-15.2 Curb Classification**  
10

11 Removal of curb and/or curb and gutter will be based on composition, as defined below:  
12

13 **Integral Curb** - Integral curb shall consist of curb that is constructed monolithic with the  
14 adjacent cement concrete pavement.  
15

16 **Curb** - Curb may consist of cement concrete curb, granite curb, or any other combination of  
17 rigid material that extends below the pavement surface elevation.  
18

19 **Extruded/Precast Curb** - Extruded or precast curb may consist of asphalt or concrete extruded  
20 or precast curb that is installed on a pavement surface.  
21

22 **Curb and Gutter** - Curb and gutter may be cement concrete, or a cement concrete curb with a  
23 brick gutter on a cement concrete base, or other combination of rigid material, including asphalt  
24 overlay.  
25

26 **2-15.3 Construction Requirements**  
27

28 Integral curb removal shall consist of the removal of the curb and the integral base section  
29 under the curb. The removal shall be accomplished by sawcutting along the face of the curb.  
30

31 The removal of the curb and/or curb and gutter shall be conducted in such a manner as not to  
32 damage utilities and any portion of the improvement that is to remain in place. Any deviation in  
33 this matter will obligate the Contractor, at no expense to the Contracting Agency, to repair,  
34 replace, or otherwise make proper restoration to the satisfaction of the Engineer.  
35

36 **2-15.4 Measurement**  
37

38 All types of the curb, as defined in this Section, removal will be measured per linear foot.  
39

40 **2-15.5 Payment**  
41

42 Payment will be made in accordance with Section 1-04.1.  
43

44 "Remove Curb", per linear foot  
45

46 The bid item "Remove Curb", per linear foot shall include removal of all types of curb as defined  
47 in this Section. All costs associated with saw cutting necessary for the removal of all types of  
48 curb, as defined in this Section, shall be included in the unit Contract price for removal.  
49

50  
51 **END OF SECTION**

1 **3-04 ACCEPTANCE OF AGGREGATE**  
2 **(April 1, 2012 Tacoma GSP)**  
3

4 **3-04.1 Description**

5 *The first and third paragraphs are deleted.*  
6

7 *The fourth paragraph is revised to read:*  
8

9 Nonstatistical evaluation will be used for the acceptance of aggregate materials.  
10

11 **3-04.3(1) General**

12 *The first sentence is revised to read:*  
13

14 For the purpose of acceptance sampling and testing, all test results obtained for a material type  
15 will be evaluated collectively.  
16

17 **3-04.3(4) Testing Results**

18 *This section is replaced with the following:*  
19

20 The results of all acceptance testing will be provided by the City's Project Engineer within 3  
21 working day of testing.  
22

23 **3-04.3(6) Statistical Evaluation**

24 *This section is deleted:*  
25  
26  
27

28 **END OF SECTION**  
29  
30

1  
2 **4-04 BALLAST AND CRUSHED SURFACING**  
3 **(March 17, 2003 Tacoma GSP)**  
4

5 **4-04.5 Payment**

6 *This section is supplemented with the following:*  
7

8 All costs for labor, equipment, and materials required to furnish, place, and compact the crushed  
9 surfacing top course for all asphalt concrete approaches and non-paved approaches shall be  
10 included in the unit Contract price for "Crushed Surfacing Top Course", per ton.  
11

12  
13 **END OF SECTION**  
14  
15

## **5-04 HOT MIX ASPHALT**

**(April 1, 2018 Tacoma GSP)**

*This Section is revised according to the following overriding provisions:*

Nonstatistical or test point evaluation shall be the method for HMA compaction acceptance for all HMA pavement, except where visual or commercial evaluation is specified. Visual evaluation shall be considered synonymous with commercial evaluation. The Contracting Agency will not be required to perform any acceptance by statistical evaluation.

All references to “statistical” are revised to read “nonstatistical”, and “nonstatistical” evaluation shall be considered synonymous with “test point” evaluation. Thus, all Specifications for test procedures, methods, construction requirements, and requirements for evaluation and acceptance shall apply to the Work with the following exceptions:

- The Contracting Agency shall not be required to perform statistical analysis of any acceptance test results.
- Quantities for sublots and lots shall be as determined by the Engineer. If test results are found not to be within specification requirements, additional testing as needed to determine a CPF may be performed.
- The Contracting Agency shall not be required to make price adjustments based on pay factors and composite pay factors.

### **5-04.2 Materials**

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

**(April 1, 2018 Tacoma GSP)**

*For Subsection 5-04.2(1) the term “Contracting Agency” is revised to read “WSDOT”.*

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

**(April 1, 2018 Tacoma GSP)**

*This section is revised to read:*

The Contactor shall submit each HMA mix design to the Contracting Agency on WSDOT Form 350-042. The Contractor shall provide a mix design based upon 3 million ESAL's.

No paving shall begin prior to the HMA mix design acceptance by the Engineer for the Job Mix Formula (JMF) that will be used for the same paving. The Contracting Agency will evaluate HMA mix design submittals according to Visual Evaluation per Table 1. The mix design will be the initial JMF for the class of HMA. The Contractor may request a change in the JMF. Any adjustments to the JMF will require the approval of the Project Engineer and must be made in accordance with Section 9-03.8(7).

Mix designs for HMA shall have the aggregate structure and asphalt binder content determined in accordance with WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-03.8(2) and 9-03.8(6). The Contractor shall determine anti-strip additive requirements for the HMA and submit laboratory test data for anti-stripping and rutting in accordance with the following options:

- Hamburg Wheel track Test and Section 9-03.8(2), or
- Tensile Strength Ratio (TSR) Test per AASHTO T 283, or

- Previous WSDOT Lab mix design verification test data and stripping evaluation, per the Engineer's discretion and as stated below.

With the HMA mix design submittal the Contractor shall provide one of the following mix design verification certifications for Contracting Agency review:

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

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

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

For the use of Commercial HMA, the Contractor shall select a class of HMA and design level of Equivalent Single Axle Loads (ESAL's) appropriate for the required use. Commercial HMA can be accepted by a Contractor certificate of compliance letter stating the material meets the HMA requirements defined in the Contract.

#### **5-04.2(2)B Using HMA Additives (April 1, 2018 Tacoma GSP)**

*This section is revised to read:*

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

- Do not use additives that reduce the mixing temperature in the production of High RAP/Any RAS mixtures.
- Before using additives, obtain the Engineer's approval using WSDOT Form 350-076 to describe the proposed additive and process.

*Add this new section:*

#### **5-04.2(1)D Fiber Reinforced HMA (\*\*\*\*\*)**

Fiber reinforcement shall consist of Aramid fibers and polyolefin fibers, with the polyolefin fibers intended to keep the Aramid fibers together until incorporation into the HMA mix. Once

incorporated into the mix and during the HMA production process polyolefin fibers will melt and/or become plastically deformed allowing Aramid fibers to separate.

Aramid fibers shall meet the following requirements:

Length	3/4" (19 mm)
Form	Monofilament
Acid/Alkali Resistance	Inert
Tensile Strength	400,000 psi
Specific Gravity	1.44
Operating Temperatures	-300° F to 800° F (-73° C to 427° C)

Polyolefin fibers shall meet the following requirements:

Length	3/4" (19 mm)
Form	Fillibrated
Acid/Alkali Resistance	Inert
Specific Gravity	0.91

### **5-04.3 Construction Requirements**

#### **5-04.3(2) Paving Under Traffic (April 1, 2018 Tacoma GSP)**

*The second paragraph is supplemented with the following:*

No traffic shall be allowed on any newly placed pavement without the approval of the Engineer.

#### **5-04.3(3)C Pavers (April 1, 2018 Tacoma GSP)**

*The second paragraph is deleted.*

#### **5-04.3(3)D Material Transfer Device or Material Transfer Vehicle (April 1, 2018 Tacoma GSP)**

*The first paragraph is revised to read:*

A Material Transfer Device/Vehicle (MTD/V) shall not be used unless specific paving areas are specified below. A MTD/V shall only be used according to this special provision for the following paving areas:

None



1 **5-04.3(4)C Pavement Repair**  
2 **(April 1, 2018 Tacoma GSP)**

3 *This section is revised to read:*

4  
5 Pavement repair shall be in accordance with the City of Tacoma Right-of-Way Restoration  
6 Policy found at:

7  
8 [https://www.cityoftacoma.org/government/city\\_departments/public\\_works/right-of-way](https://www.cityoftacoma.org/government/city_departments/public_works/right-of-way)  
9

10 Pavement repair consists of asphalt concrete saw-cutting, removing asphalt concrete pavement,  
11 removing crushed surfacing and subgrade, and installing Construction Geotextile for  
12 Separation, placing crushed surfacing top course over the Construction Geotextile, and HMA in  
13 accordance with the Contract or as directed by the Engineer.

14  
15 Pavement repair excavation may also be performed by the use of a milling machine of a type  
16 that has operated successfully on work comparable with that to be done under the Contract and  
17 shall be approved by the Engineer prior to use. If a milling machine is used for excavation, the  
18 excavation shall be as directed by the Engineer.

19  
20 In all types of excavation, after the removal of the asphalt, the base material will be evaluated by  
21 the Engineer to determine if it is suitable. If the base is determined not to be suitable, the  
22 Contractor shall remove the base material and restore the sub-grade in accordance with Section  
23 2-06 and the Plans, regardless of the method used for excavation.

24  
25 Estimated plan quantities for pavement repair are approximate and are provided for bidding  
26 purposes only. The actual dimensions to be used will be verified by the Engineer at the time of  
27 construction. Contrary to Section 1-04.6, no changes to the unit prices bid for the various items  
28 will be permitted due to any increase or decrease in the amount of pavement repair.

29  
30 Payment for pavement repair shall be by the unit Bid prices according to the Contract for all  
31 materials, labor, and equipment required to complete the pavement repair. Items not included  
32 in the Proposal shall be paid for according to Section 1-04.1(2).

33  
34 **5-04.3(6) Mixing**  
35 **(Aug 1, 2020 Tacoma GSP)**

36 *The first paragraph is revised to read:*

37  
38 The asphalt supplier shall add any recycling agent and anti-stripping additive to the liquid  
39 asphalt binder prior to shipment to the asphalt mixing plant, when the mix design includes these  
40 additives. The Contractor shall submit the anti-stripping additive amount and the manufacturer's  
41 certification, together with the HMA mix design submittal in accordance with Section 5-04.2.  
42 Paving shall not begin before the anti-stripping additive submittal is accepted by the Engineer.

**5-04.3(8) Aggregate Acceptance prior to Incorporation in HMA  
(Aug 1, 2020 Tacoma GSP)**

*This section is revised to read:*

Sample aggregate in accordance with Section 3-04 prior to being incorporated into HMA. The Contracting Agency shall evaluate the aggregate according to Special Provision 3-04. Aggregate contributed from RAP or RAS shall not be evaluated under Section 3-04.

The combined aggregate bulk specific gravity (Gsb) blend as shown on the HMA Mix Design report or evaluation report per Special Provision 5-04.2(2) will be used for VMA calculations. The Contracting Agency shall not be required to perform a Gsb test.

**5-04.3(9) HMA Mixture Acceptance  
(April 1, 2018 Tacoma GSP)**

*The first paragraph is revised to read:*

The Contracting Agency will evaluate the HMA mixture by nonstatistical or visual evaluation as determined from the criteria in Table 7 or as determined by the Engineer.

**5-04.3(9)A Test Sections  
(April 1, 2018 Tacoma GSP)**

*The first paragraph is revised to read:*

At the start of paving, if requested by the Contractor, a compaction test section shall be constructed as directed by the Engineer to determine the compactibility of the mix design. Compactibility shall be based on the ability of the mix to attain the specified minimum density (91 percent of the maximum density determined by WSDOT SOP 729, and FOP for AASHTO T 209).

Following determination of compactibility, the Contractor is responsible for the control of the compaction effort. If the Contractor does not request a test section, the mix will be considered compactible. See also Section 5-04.3(10)C2.

The Contractor shall also construct a test section when requested by the Engineer. Test sections that are in complete compliance with the requirements of Section 5-04 can be incorporated into the Work, and shall be included in the quantities for related Bid Items; otherwise, the Contractor shall remove the defective pavement in failed test sections as determined by the Engineer and at no cost to the Contracting Agency. The Contracting Agency will only pay for HMA pavement that is accepted and incorporated into the project at the discretion of the Engineer. See also Section 5-04.3(10)C2.

*The second paragraph is revised to read:*

The purpose of a test section is to determine whether or not the Contractor's mix design and production processes will produce HMA meeting the Contract requirements related to mixture. Construct HMA mixture test sections at the beginning of paving, using at least 100 tons and a maximum of 800 tons or as specified by the Engineer. Each test section shall be constructed in one continuous operation.

**5-04.3(9)B Mixture Acceptance – Statistical Evaluation  
(April 1, 2018 Tacoma GSP)**

*The title of this section is revised to read:*

**5-04.3(9)B Mixture Acceptance – Nonstatistical Evaluation**

**5-04.3(9)B1 Mixture Statistical Evaluation – Lots and Sublots  
(April 1, 2018 Tacoma GSP)**

*The title of this section is revised to read:*

**5-04.3(9)B1 Mixture Nonstatistical Evaluation – Lots and Sublots**

*This section is revised to read:*

For HMA in a structural application, sampling and testing for total project quantities less than 400 tons is at the discretion of the engineer. For HMA used in a structural application and with a total project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance test shall be performed:

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

If test results are found not to be within specification requirements, additional testing as needed to determine a CPF shall be performed.

For a mixture lot in progress with a mixture CPF less than 0.75, a new mixture lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced. See also Section 5-04.3(11)F.

If, before completing a mixture lot, the Contractor requests a change to the JMF which is approved by the Engineer, the mixture produced in that lot after the approved change will be evaluated on the basis of the changed JMF, and the mixture produced in that lot before the approved change will be evaluated on the basis of the unchanged JMF; however, the mixture before and after the change will be evaluated in the same lot. Acceptance of subsequent mixture lots will be evaluated on the basis of the changed JMF.

**5-04.3(9)E Mixture Acceptance – Notification of Acceptance Test Results  
(Aug 1, 2020 Tacoma GSP)**

*This section is revised to read:*

The Contracting Agency will endeavor to provide written notification (via email to the Contractor's designee) of acceptance test results within 24 hours of the sample being made available to the Contracting Agency. However, the Contractor agrees:

Quality control, defined as the system used by the Contractor to monitor, assess, and adjust its production processes to ensure that the final HMA mixture will meet the specified level of quality, is the sole responsibility of the Contractor.

The Contractor has no right to rely on any testing performed by the Contracting Agency, nor does the Contractor have any right to rely on timely notification by the Contracting Agency of the Contracting Agency's test results (or statistical analysis thereof), for any part of quality control and/or for making changes or correction to any aspect of the HMA mixture.

The Contractor shall make no claim for untimely notification by the Contracting Agency of the Contracting Agency's test results (or statistical analysis thereof).

**5-04.3(10)B HMA Compaction - Cyclic Density  
(April 1, 2018 Tacoma GSP)**

*This section is deleted.*

**5-04.3(10)C1 HMA Compaction Statistical Evaluation – Lots and Sublots  
(April 1, 2018 Tacoma GSP)**

*This section is deleted.*

**5-04.3(10)C2 HMA Compaction Statistical Evaluation – Acceptance Testing  
(April 1, 2018 Tacoma GSP)**

*The title of this section is revised to read:*

**5-04.3(10)C2 HMA Compaction Nonstatistical Evaluation – Acceptance Testing**

*The second paragraph is revised to read:*

Compaction tests will be performed at a minimum of 5 various locations, as determined by the Engineer, for each 400 tons placed. The locations will be determined by the stratified random sampling procedure conforming to WSDOT Test Method T 716. For an area in progress with a CPF less than 0.75, a new compaction sequence will begin at the Contractor's request after the Project Engineer is satisfied that material conforming to the Specifications can be produced. The Compaction Test Procedures will be provided to the Contractor by the Contracting Agency at the Pre-Construction Conference or a Pre-Paving Meeting, prior to the placement of HMA material on site.

*This section is supplemented with the following:*

Cores may be used as an addition to the nuclear density gauge tests. When cores are taken by the Engineer at the request of the Contractor, the request shall be made by noon of the first working day following placement of the mix. The Engineer shall be reimbursed for the coring expenses.

The Engineer will inform the Contractor of field compaction test results as work is being performed. Formal Test Report(s) will be provided to the Contractor within 3 Working Days.

HMA for preleveling shall be compacted to the satisfaction of the Engineer.

*Add this new Section:*

**5-04.3(17) Fiber Reinforced HMA  
(\*\*\*\*\*)**

Fiber reinforcement shall be added to the approved HMA mix at a rate of 1 pound of fiber per 1 ton of HMA.

Fiber shall be added to the HMA mix through specialized equipment that can accurately proportion and/or meter, by weight, the proper amount per batch for batch plants, or continuously and in a steady uniform manner for drum plants. Alternatively, upon the approval of the engineer, fiber may be added manually using pre-weighed dissolvable bags.

1 Specialized equipment shall be of the type and capable of controlling the weight of fibers added  
2 as recommended by the fiber manufacturer.

3  
4 Fiber shall be mixed with the HMA in accordance with the fiber manufacturer's  
5 recommendations.

6  
7 **5-04.4 Measurement**  
8 **(April 1, 2018 Tacoma GSP)**

9 *The first paragraph is revised to read:*

10  
11 HMA Cl. \_\_\_\_ PG \_\_\_\_, Fiber Reinforced HMA Cl. \_\_\_\_ PG \_\_\_\_, and Commercial HMA will be  
12 measured by the ton in accordance with Section 1-09.2, with no deduction being made for the  
13 weight of asphalt binder, blending sand, mineral filler, anti-stripping additive, or any other  
14 component of the mixture; and the measurement shall include asphalt wedge curbs and  
15 thickened edges in accordance with the Plans or as directed by the Engineer. If the Contractor  
16 elects to remove and replace mix as allowed in Section 5-04.3(11), the material removed will not  
17 be measured.

18  
19 *The second paragraph is revised to read:*

20  
21 No specific unit of measure will apply to roadway cores, which shall be included in the  
22 measurements for the HMA items that are included in the Proposal.

23  
24 *This section is supplemented with the following:*

25  
26 HMA for Approach Cl. \_\_\_\_ PG 58H-22 shall be measured per square yard of finished driveway  
27 and approach.

28  
29 No specific unit of measure will apply to anti-stripping additive, which shall be included in the  
30 measurements for the HMA items that are included in the Proposal.

31  
32 **5-04.5 Payment**  
33 **(April 1, 2018 Tacoma GSP)**

34 *Pay items for "Job Mix Compliance Price Adjustment" and "Compaction Price Adjustment" are*  
35 *deleted.*

36  
37 *The following pay items for HMA are revised to read:*

38  
39 "HMA Cl. \_\_\_\_ PG \_\_\_\_", per ton.

40 "HMA for \_\_\_\_ Cl. \_\_\_\_ PG \_\_\_\_", per ton.

41  
42 The unit Contract price per ton for "HMA Cl. \_\_\_\_ PG \_\_\_\_" and "HMA for \_\_\_\_ Cl. \_\_\_\_ PG \_\_\_\_" shall  
43 be full payment for all costs incurred to carry out the requirements of Section 5-04, including  
44 coring and testing, and shall include anti-stripping additive, asphalt wedge curbs, thickened  
45 edges, curb drains, and connection to existing drains in accordance with the Contract. Any  
46 costs that are already included in other Bid items in the Proposal shall not be included in the unit  
47 Contract prices per ton for these HMA Bid items.

1    *The pay item “HMA for Approach Cl. \_\_PG\_\_” is revised to read:*  
2

3    “HMA for Approach Cl. \_\_PG 58H-22”, per square yard.  
4

5    The unit Contract price per square yard for “HMA for Approach Cl. \_\_PG 58H-22” shall be full  
6    payment for all costs incurred to carry out the requirements of Section 5-04, including anti-  
7    stripping additive; and shall include asphalt wedge curbs, thickened edges, curb drains, and  
8    connection to existing drains in accordance with the Contract. Any costs that are already  
9    included in other Bid items in the Proposal shall not be included in the unit Contract price per  
10   square yard for this HMA Bid item. The Contractor shall also include all costs associated with  
11   excavating for driveways and approach, including haul and disposal in the unit Contract price  
12   per square yard for “HMA for Approach Cl. \_\_ PG 58H-22” , regardless of the depth.  
13

14   *This section is supplemented with the following:*  
15

16   “Fiber Reinforced HMA Cl. \_\_\_\_ PG \_\_\_\_”, per ton.  
17

18   The unit Contract price per ton for “Fiber Reinforced HMA Cl. \_\_\_\_ PG \_\_\_\_” shall be full payment  
19   for all costs incurred to carry out the requirements of Section 5-04, including coring and testing,  
20   and shall include fiber reinforcement anti-stripping additive, asphalt wedge curbs, thickened  
21   edges, curb drains, and connection to existing drains in accordance with the Contract. Any  
22   costs that are already included in other Bid items in the Proposal shall not be included in the unit  
23   Contract prices per ton for these HMA Bid items.  
24

25   “HMA Cl. \_\_ PG \_\_ for Pavement Patch”, per ton.  
26

27   The unit Contract price for pavement patch shall be full pay for all labor, equipment, and  
28   materials required to complete the patching of the street, including joints, where required, and  
29   removal of temporary base.  
30

31   “HMA for Temporary Pavement Patch CL \_\_\_\_\_”, per ton.  
32

33   The unit Contract price for “HMA for Temporary Pavement Patch CL\_\_\_\_\_” shall be full pay for  
34   all labor, equipment, and materials required to furnish and install; maintain; and remove and  
35   dispose of the temporary patch.  
36

37   Temporary pavement patches placed between October 1<sup>st</sup> and March 31<sup>st</sup> shall be HMA Cl. ½”  
38   PG 58H-22.  
39

40                                   **END OF SECTION**  
41

1 **5-05 CEMENT CONCRETE PAVEMENT**  
2 **(June 16, 2016 Tacoma GSP)**  
3

4 **5-05.1 Description**

5 *This section is supplemented with the following:*  
6

7 All concrete pavement restoration shall be performed in accordance with the City of Tacoma's  
8 Right-of-Way Restoration Policy found at [www.govME.org](http://www.govME.org).  
9

10 **5-05.3 Construction Requirements**  
11

12 **5-05.3(1) Concrete Mix Design for Paving**

13 *The sixth paragraph is supplemented with the following:*  
14

15 The submittal for the concrete mix design shall provide the following: the date, the amount of  
16 materials (i.e. cement, sand, aggregates, water), the type and amount of each admixture, and  
17 the designated 28-day compressive strength specific to the mix design being submitted. The  
18 design compressive strength shall be a minimum of 4000 psi.  
19

20 **5-05.3(4)A Acceptance of Portland Cement Concrete Pavement**

21 *This section is supplemented with the following:*  
22

23 Acceptance of concrete will be on a non-statistical acceptance only.  
24

25 *The first, second, third and fourth paragraphs are deleted.*  
26

27 **5-05.3(8) Joints**

28 *The second paragraph is revised to read:*  
29

30 The Contractor shall submit a concrete panel jointing plan in accordance with the Plans and  
31 these Specifications. When a concrete panel jointing plan is included in the Plans, the  
32 Contractor may adopt or submit a revised jointing plan in accordance with Standard Plans and  
33 the Specifications at the Contractor's own expense. The Contractor's jointing plan shall be  
34 approved in writing by the Engineer before the start of concrete paving.  
35

36 When new pavement abuts existing pavement, the locations of the joints in the new pavement  
37 shall match with the joints in the existing pavement unless otherwise approved by the Engineer.  
38

39 **5-05.3(11) Finishing**  
40

41 *The third paragraph is revised to read:*  
42

43 In advance of curing operations, the pavement shall receive an initial texturing followed by final  
44 finishing. Initial texturing shall be performed with a burlap drag or broom device, creating  
45 striations in the same orientation as the final finish. The concrete roadway surface shall be  
46 finished with a transverse tining. Where integral concrete curbs are constructed, the roadway  
47 surface finish shall end 12 inches from the flowline.  
48

*The fourth paragraph is revised to read:*

Burlap drags, brooms and tine devices may be installed on self-propelled equipment having external alignment control. When texturing the pavement with burlap, the area of burlap in contact with the pavement shall be maintained constant at all times. Broom and tine devices shall be provided with positive elevation control. Downward pressure on pavement surface shall be maintained at all times during texturing so as to achieve uniform texturing without measurable variations in pavement profile. If self-propelled texturing machines are used, these shall be operated so that travel speed during texturing is maintained constant. Failure of the texturing equipment to perform according to this section shall constitute cause for stopping placement of concrete until the equipment deficiency or malfunction is corrected.

*The seventh paragraph is revised to read:*

**Test Panel:**

At the start of concrete pavement construction, the Contractor shall first finish a textured concrete test panel and the Engineer shall give approval of the achieved finish according to this section prior to further concrete pavement construction. If the test panel is rejected by the Engineer, the Contractor shall remove and replace the test panel at no additional cost to the Contracting Agency. The Contractor can designate one of the project panels as a test panel or create a sacrificial test panel on site of at least four feet by eight feet.

Project panels not meeting the characteristics of the test panel shall be removed and replaced at no additional cost to the Contracting Agency.

*The eighth through tenth paragraphs are deleted.*

**5-05.3(14) Cold Weather Work**

*This section is supplemented with the following:*

The following additional requirements for placing concrete shall be in effect from November 1 to April 1:

- 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 that time, the forms shall be adjusted and subgrade repaired as determined by the Engineer.

**5-05.4 Measurement**

*This section is revised to read:*

Measurement for cement concrete pavement and concrete base pavement shall be by the square yard for the pavement completed and accepted according to Section 5-05 and the Plans, including the area underneath curbs. No deduction will be made for castings in pavement.

Cement Concrete Pavement for Pavement Patches will be measured by the square yard



1 Epoxy-Coated Tie Bars with Drill Hole that are drilled into existing cement concrete pavement  
2 will be measured per each tie bar installed according to the Plans and Section 5-05.

3  
4 Dowel Bar Retrofit shall be measured per each retrofitted dowel bar installed into an existing  
5 concrete pavement edge according to the Plans and Section 5-05.

6  
7 **5-05.5 Payment**

8 *This section is revised to read:*

9  
10 Payment will be made in accordance with Section 1-04.1.

11  
12 "Cement Conc. Pavement, \_\_\_\_-Inch Section", per square yard.

13  
14 The unit Contract price per square yard for "Cement Conc. Pavement, \_\_\_\_-Inch Section" shall  
15 be full payment for all costs incurred to carry out the requirements of Section 5-05 and the  
16 Plans, and shall include furnishing and installing epoxy coated dowel bars and tie bars except  
17 as specified for "Dowell Bar Retrofit" and "Epoxy-Coated Tie Bar with Drill Hole" in this section.

18  
19 Tie bars that are drilled into existing cement concrete pavement that is not constructed under  
20 the Contract will be paid for under the item "Epoxy-Coated Tie Bar with Drill Hole" when  
21 included in the Proposal.

22  
23 Dowell bars that are retrofitted into an existing concrete pavement that is not constructed under  
24 the Contract will be paid for under the Bid item "Dowel Bar Retrofit" when included in the  
25 Proposal.

26  
27 **END OF SECTION**  
28

**7-04 STORM SEWERS**  
**(March 17, 2003 Tacoma GSP)**

*This section is deleted. The requirements of Section 7-17 shall apply to storm sewers.*

**END OF SECTION**

1 **7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS**  
2 **(March 23, 2010 Tacoma GSP)**  
3

4 **7-05.1 Description**

5 *This section is supplemented with the following:*  
6

7 All references to sanitary sewers shall be construed to also mean storm sewers.  
8

9 **7-05.3 Construction Requirements**

10 *The first sentence of the eleventh paragraph is revised to read:*  
11

12 A flexible pipe-to-manhole connector shall be used in all connections of rigid and thermoplastic  
13 pipes to **new** precast concrete manholes to provide a watertight joint between the pipe and the  
14 manhole, unless otherwise directed by the Engineer. The connector shall be "Kor-N-Seal" with  
15 "Wedge Korband" (Type I or II as required for pipe diameter), manufactured by NPC, Inc.,  
16 Milford, New Hampshire, or Engineer approved equal. The connectors shall be installed in  
17 accordance with the manufacturer's recommendations.  
18

19 **7-05.3(1) Adjusting Manholes and Catch Basins to Grade**

20 *This section is revised to read:*  
21

22 **7-05.3(1) Adjusting Utility Structures to Grade**  
23

24 Where shown in the Plans or where directed by the Engineer, utility structures shall be adjusted  
25 to grade as staked or as otherwise designated by the Engineer.  
26

27 The materials and methods of construction shall conform to the requirements specified in  
28 Section 7-05.3 and Standard Plan No. SU-25 and SU-37. The finished structure shall conform  
29 to the requirements of the standard plan for the specific structure.  
30

31 **7-05.3(3) Connections to Existing Manholes**

32 *The first sentence is revised to read:*  
33

34 The Contractor shall inspect the existing manholes in the field to verify invert elevations and the  
35 scope of work necessary to make the connection(s) prior to construction.  
36

37 **7-05.4 Measurement**

38 *The sixth paragraph is revised to read:*  
39

40 Connections to existing structures will be measured per each.  
41

42 *This section is supplemented with the following:*  
43

44 Reconnecting existing sewer pipes to new manhole structures will be measured per each.  
45

46 Manholes with Cast-in-Place Base will be measured per each.  
47

Catch Basin Type 2 \_\_ in excess of 10 feet in height will be measured per linear foot for each additional foot of height over 10 feet. Measurement will be the distance from the flow line of the outlet pipe to the top of the manhole ring measured to the nearest foot.

#### **7-05.5 Payment**

*The first paragraph is supplemented with the following:*

The unit Contract price for "Manhole\_\_\_\_\_" shall be full pay for all work required to furnish and install the new manhole to finished grade, including, but not limited to, excavating for, furnishing backfill, compaction of backfill, connection of new pipe(s), channeling, covers, frames, ladders, steps, and handholds, as applicable per Standard Plans.

The unit Contract price for "Catch Basin\_\_\_\_\_" shall be full pay for all work required to furnish and install the new catch basin to finished grade, including, but not limited to, excavating for, furnishing backfill, compaction of backfill, connection of new pipe(s), frame, cover, as applicable per Standard Plans.

*The pay item for "Drop Manhole Connection" is revised to read:*

"Drop Manhole Connection, \_\_\_\_-Inch Diam.", per each.

*The pay item for "Connection to Drainage Structure" is revised to read:*

"Connect New Sewer Pipe to Existing Structure", per each

The unit Contract price per each shall be full pay for all labor, equipment and materials necessary to connect the new sewer pipe of any diameter to the existing structure as specified in Section 7-05.3 and as shown on the Plans.

*This section is supplemented with the following:*

"Reconnect Existing Sewer Pipe to New Structure", per each.

The unit Contract price per each shall be full pay for all labor, equipment and materials necessary to reconnect the existing sewer pipe of any diameter to the new structure as specified in Section 7-05.3 and as shown on the Plans.

"Adjust Existing Catch Basin, Furnish New Frame and Grate", per each

The unit Contract price per each for "Adjust Existing Catch Basin, Furnish New Frame and Grate" shall be full pay for all costs associated with adjusting the frame and grate to finished grade, including but not limited to, excavating, furnish and place backfill, furnishing and installing the new frame and grate, compacting, surfacing, and restoration.

"Adjust Existing Manhole, Furnish New Frame and Cover", per each

1 The unit Contract price per each for "Adjust Existing Manhole, Furnish New Frame and Cover"  
2 shall be full pay for all costs associated with adjusting the frame and cover to finished grade,  
3 including but not limited to, excavating, furnish and place backfill, furnishing and installing the  
4 new frame and cover, compacting, surfacing, and restoration.

5  
6 "Adjust Existing Valve Chamber to Grade", per each  
7

8 The unit Contract price per each for "Adjust Existing Valve Chamber to Grade" shall be full pay  
9 for all costs associated with the adjusting the valve chamber to finished grade, including but not  
10 limited to, excavating, furnish and place backfill, compacting, surfacing, and restoration.

11  
12 "Adjust Existing Sewer Cleanout to Grade", per each  
13

14 The unit Contract price per each for "Adjust Existing Valve Chamber to Grade" shall be full pay  
15 for all costs associated with the adjusting the valve chamber to finished grade, including but not  
16 limited to, excavating, furnish and place backfill, compacting, surfacing, and restoration.

17  
18 "Manhole \_\_\_\_-In. Diam. Type \_\_\_\_, with Cast-in-Place Base", per each.  
19

20 The unit Contract price per each for "Manhole \_\_\_\_-In. Diam. Type \_\_\_\_, with Cast-in-Place Base"  
21 shall be full pay for all labor, equipment and materials required to furnish, excavate for, furnish  
22 and place backfill, compact, and install to finished grade the new manhole with a cast-in-place  
23 base, including, but not limited to, insuring proper support of existing main, channeling,  
24 connection of new pipe, covers, frames, ladders, steps, and handholds, as applicable per  
25 Standard Plans

26  
27 "Catch Basin Type 2 Additional Height, \_\_\_\_ In. Diam.", per linear foot.  
28  
29

30 **END OF SECTION**  
31

1  
2 **7-07 CLEANING EXISTING DRAINAGE STRUCTURES**  
3 **(March 23, 2010 Tacoma GSP)**  
4

5 **7-07.3 Construction Requirements**

6 *Item three of paragraph two is revised to read:*  
7

- 8           1. If sediment and water from structures does not meet the conditions described in  
9           1 or 2 above, the Contractor shall collect and dispose of all water used and all  
10           debris generated in cleaning operations. No cleaning water or debris shall be  
11           flushed downstream beyond the limits of the work.  
12

13 *This Section is supplemented with:*  
14

15 All lines shall be cleaned prior to any inspection of an existing drainage line or structure.  
16

17 **7-07.5 Payment**

18 *This section is revised to read:*  
19

20 All costs for cleaning existing drainage structures shall be included in other bid items in the Bid  
21 Proposal.  
22  
23

24 **END OF SECTION**  
25  
26

1 **7-08 GENERAL PIPE INSTALLATION REQUIREMENTS**  
2 **(September 20, 2018 Tacoma GSP)**  
3

4 **7-08.3(1)A Trenches**

5 *The tenth paragraph of this section is deleted. All dewatering requirements are found in section*  
6 *8-01.3(1)C.*  
7

8 **7-08.3(1)C Bedding the Pipe**

9 *This section is supplemented with the following:*

10  
11 Pipe bedding for sanitary and storm sewers shall be in accordance with City of Tacoma  
12 Standard Plan No. SU-16.  
13

14 **7-08.3(2)F Plugs and Connections**

15 *This section is supplemented with the following:*

16  
17 Rigid Couplings, manufactured by Romac Industries, Inc., or Engineer approved equal, shall be  
18 used at any pipe joint in which bell and spigot or fused joints are not used. Flexible couplings  
19 are not permitted, except for side sewer installation.  
20

21 **7-08.3(2)G Jointing of Dissimilar Pipe**

22 *This section is revised to read:*  
23

24 Dissimilar pipe shall be joined by use of rigid couplings manufactured by Romac Industries, Inc.,  
25 or Engineer approved equal, except for side sewer installation.  
26

27 **7-08.3(3) Backfilling**

28 *The second paragraph is revised to read:*  
29

30 Pipe zone bedding and trench backfill shall be in accordance with City of Tacoma Standard Plan  
31 No. SU-16. (Pipe zone backfill shall meet the requirements of Section 9-03.9(3) for Crushed  
32 Surfacing Top Course. Backfill above pipe zone and extra excavation area backfill material  
33 shall meet the requirements of Section 9-03.12(2), Gravel Backfill for Walls.) Recycled concrete  
34 shall not be used for pipe zone bedding, pipe zone backfill, backfill above pipe zone, and extra  
35 excavation area backfill.  
36

37 *The fourth paragraph is revised to read:*  
38

39 Backfill above the pipe zone shall be accomplished in such a manner that the pipe will not be  
40 shifted out of position nor damaged by impact or overloading. If pipe is being placed in a new  
41 embankment, backfill above the pipe zone shall be placed in accordance with Section 2-  
42 03.3(14)C. If pipe is being placed under existing paved areas, or roadways, backfill above the  
43 pipe zone shall be placed in horizontal layers no more than 12-inches thick and compacted to  
44 95-percent maximum density. If pipe is being placed in non-traffic areas, backfill above the pipe  
45 zone shall be placed in horizontal layers no more than 12-inches thick and compacted to 85-  
46 percent maximum density. All compaction shall be in accordance with the Compaction Control  
47 Test of Section 2-03.3(14)D. Material excavated from the trench shall be used for backfill above  
48 the pipe zone, except that organic material, frozen lumps, wood, rocks, or pavement chunks

larger than 6-inches in maximum dimension shall not be used. Material determined by the Engineer to be unsuitable for backfill at the time of excavation shall be removed and replaced with imported backfill material meeting the requirements of Section 9-03.12(2). Material determined to be suitable for backfill at the time of excavation shall be stockpiled and used for backfill material. If the stockpiled material becomes unsuitable, the Contractor shall furnish suitable material in an amount equal to that, which became unsuitable, at no expense to the Contracting Agency.

*Section 7-08.3 is supplemented with the following:*

#### **7-08.3(5) Temporary Bypass Pumping**

It shall be the Contractor's responsibility to maintain operation of the existing storm and/or sanitary sewer systems throughout the duration of the project without any interruption of sewer service. The Contractor shall divert all flows around each segment of the pipe designated for replacement. This diversion shall consist of redirecting flow from an upstream manhole and pumping it to a manhole downstream of the replacement operation. After the pipe replacement work is completed and accepted by the City, flow shall be returned to the reconstructed storm or sanitary sewer. The area affected by the bypass operation shall be fully restored.

Bypass pumping shall be scheduled for continuous operation with back-up equipment available at all times for periods of maintenance and refueling or failure of the primary bypass pump(s) or diversion system. If the Contractor's operation requires bypass pumping at night, he/she must provide monitoring personnel at all times to ensure the system remains functional.

Bypass pumping shall be done in such a manner as not to damage private or public property, or create a nuisance or public menace. The pumped sewage or stormwater shall be in enclosed hoses or pipes that are adequately protected from traffic, and shall be redirected into the appropriate sewer system. The discharge of storm water to private property, city streets, sidewalks, sanitary sewer, or any location other than an approved storm sewer is prohibited. The discharge of sewage to private property, city streets, sidewalks, storm sewer, or any location other than an approved sanitary sewer is prohibited. The Contractor shall be liable for all cleanup, damages, and resultant fines should the Contractor's operation cause any backups, overflows, or property damage.

The Contractor's bypass operation shall be sized to handle, at a minimum, the full pipe capacity in each subject line removed from service. If flow conditions are greater than full pipe, the Contractor may elect to wait for flow conditions to subside prior to removing the subject line from service. Working days may be adjusted per Specification 1-08.5. Once the Contractor removes a section of line from service he/she is responsible to bypass any and all flow in the system during construction, even in the event the system surcharges and exceeds the full pipe capacity, until the line is returned to service.

The City's estimates of gravity flows in the existing sewers assuming full pipe are as follows:

The Contractor shall submit a Bypass Pumping Plan in accordance with Section 1-05. The Contractor's plan for bypass pumping shall be reviewed by the City before the Contractor will be allowed to commence bypass pumping. The review of the bypassing system and equipment by the Engineer shall in no way relieve the Contractor of his responsibility and public liability.



1 The Contractor shall use hard pipe to bypass sewers 12-inches in diameter or greater. The  
2 Contractor shall not block any driveways or intersections, but shall bury the pipe to allow  
3 continuous access through intersections and driveways.

4  
5 The Contractor may use lay-flat hose to bypass storm and sanitary sewers that are less than 12  
6 inches in diameter. The Contractor shall ensure that sewage spills do not occur with the use of  
7 lay flat hoses. If sewage spills occur, the Contractor will be required to use hard pipe for all  
8 sanitary sewers.

#### 10 **7-08.3(6) Abandon Existing Pipe**

11  
12 If construction of the new sewer pipe does not result in the removal of the existing pipe due to  
13 differing alignments, then the existing pipe shall be abandoned in place as shown in the Plans.  
14 The Contractor shall plug all pipe branches, stubs, or other open ends of the pipe to be  
15 abandoned and fill with CDF. The Contractor shall submit a Pipe Abandonment Plan in  
16 accordance with Section 1-05.3 describing the proposed methods for filling the pipes with CDF,  
17 specifically addressing how the pipes will be filled in a manner that will prevent air pockets from  
18 being left in the abandoned pipe. The CDF mix design shall meet the requirements of Section  
19 2-09.3(1)E.

20  
21 If the pipes to be abandoned are removed and disposed of during construction of the new  
22 sewers, all costs for the removal and disposal shall be included in the unit contract price for  
23 "Structure Excavation, Class B," at per cubic yard.

#### 25 **7-08.4 Measurement**

26 *This section is supplemented with the following:*

27  
28 No specific measurement shall apply to the lump sum item "Temporary \_\_\_\_ Sewer Bypass".

29  
30 No specific measurement shall apply to the lump sum item "Temporary \_\_\_\_ Sewer Bypass  
31 Plan".

32  
33 Abandonment of existing sewer pipes will be measured by the cubic yard of CDF necessary to  
34 fill the existing pipes.

#### 36 **7-08.5 Payment**

37 *This section is supplemented with the following:*

38  
39 "Temporary \_\_\_\_ Sewer Bypass", per lump sum.

40  
41 The lump sum Contract prices for "Temporary \_\_\_\_ Sewer Bypass" shall be full payment for  
42 labor, equipment, and materials, including but not limited to, personnel, fuel, monitoring, power,  
43 pumps, piping, barricades, emergency stand-by equipment, trenching, surface restoration costs,  
44 and all other work necessary to maintain uninterrupted storm and sanitary sewer services by  
45 bypassing the applicable sewer system flows.

1 "Temporary \_\_\_\_ Sewer Bypass Plan", per lump sum

2  
3 The lump sum Contract price for "Temporary \_\_\_\_ Sewer Bypass Plan" shall be full pay for all  
4 costs, including but not limited to, preparing, submitting, revising, and resubmitting revisions for  
5 the Temporary Bypass Plan.

6  
7 "CDF for Pipe Abandonment", per cubic yard.

8  
9 The unit Contract price for "CDF for Pipe Abandonment" shall be full payment for all labor,  
10 materials, and equipment necessary to abandon the sewer pipes.

11  
12  
13 **END OF SECTION**  
14  
15

**7-17 SANITARY SEWERS**  
**(March 4, 2014 Tacoma GSP)**

**7-17.1 Description**

*This section is supplemented with the following:*

All references to sanitary sewer shall also mean storm sewers.

**7-17.2 Materials**

*The first paragraph is revised to read:*

Pipe materials used for storm and sanitary sewers shall be as shown on plans. All references to PVC shall mean Solid Wall PVC Sewer Pipe. Profile Wall PVC will not be permitted.

*This section is supplemented with the following:*

Polyvinyl Chloride (PVC) Pressure Pipe (4-inches and over) 9-30.1(5)A

**7-17.3 Construction Requirements**

*This section is supplemented with the following:*

Material excavated in areas labeled on the Plans as contaminated shall be hauled to LRI Landfill, located at 30919 Meridian Street East, Graham, WA or an approved licensed solid waste disposal facility per Section 2-17 of these Specifications.

**7-17.3(2)A General**

*The first paragraph is revised to read:*

Sewers and appurtenances shall be cleaned and tested after backfilling by either exfiltration or low-pressure air method at the option of the Contractor, except where the ground water table is such that the Engineer may require the infiltration test.

**7-17.3(2)H Television Inspection**

*The first sentence is revised to read:*

The Contractor shall video inspect all sanitary and storm sewers prior to paving where paving occurs over sewers, or prior to final acceptance.

**7-17.4 Measurement**

*This section is supplemented with the following:*

Removal and replacement of unsuitable, contaminated and non-contaminated, backfill material will be determined by the cubic yard in place, based on a neat line measurement per this Section and Section 2-09. Any removal and replacement of unsuitable material outside neat line measurement shall be incidental to the Bid item.

1 **Horizontal Limits:** The horizontal limits shall be as defined in Section 2-09.4.

2  
3 **Longitudinal Limits:** The longitudinal limits shall be as defined in Section 2-09.4.

4  
5 **Lower Limits:** The lower limits shall be the top of the pipe zone as shown on Standard Plan  
6 No. SU-16.

7  
8 **Upper Limits:** The upper limits shall be the subgrade elevation of the proposed roadway  
9 section or pavement patch section.

10  
11 All costs associated with the disposal of material located above the upper limits shall be  
12 included in the unit contract price for other items of work, unless a proposal item is included for  
13 this specific item of work.

14  
15 Pipe zone limits are as defined in Standard Plan SU-16.

#### 16 17 **7-17.5 Payment**

18 *The first paragraph is supplemented with the following:*

19  
20 "PVC Storm Sewer Pipe \_\_\_\_ In. Diam.", per linear foot.

21  
22 *The second paragraph is revised to read:*

23  
24 The unit Contract price per linear foot for sewer pipe of the kind and size specified shall be full  
25 pay for the furnishing, hauling, and assembling in place the complete installation, including but  
26 not limited to, disposal of material excavated within the pipe zone, furnishing and installing pipe  
27 bedding and backfill material within the pipe zone, and all wyes, tees, special fitting, joint  
28 materials, and other appurtenances necessary for the completion of the installation to the  
29 required line and grade, unless proposal items are included for these specific items of work.  
30 This includes all work to test and television inspect all installed sewer pipe, as described in this  
31 Section.

32  
33 *The pay item "Removal and Replacement of Unsuitable Material" is revised to read:*

34  
35 "Removal and Replacement of Unsuitable Material", per cubic yard.

36  
37 The unit Contract price per cubic yard for "Removal and Replacement of Unsuitable Material"  
38 shall be full pay for all work required to haul and dispose of the unsuitable material as specified  
39 in Section 7-08.3(1)A and the furnishing of suitable backfill material as specified in Section 7-  
40 08.3(3).

41  
42 For the purpose of providing a common proposal for bidders, the proposal quantity for "Removal  
43 and Replacement of Unsuitable Material" is based on removal and replacement of all backfill  
44 material.

45  
46  
47 **END OF SECTION**

## **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**

**(\*\*\*\*\*)**

### **8-01.1 Description**

*This section is supplemented with the following:*

The City of Tacoma Stormwater Management Manual is available on the City's website at [www.cityoftacoma.org/stormwatermanual](http://www.cityoftacoma.org/stormwatermanual).

### **8-01.3(1) General**

*The third sentence of the first paragraph is revised to read:*

The adaptive management shall use the means and methods identified in this section and the means and methods identified in the Washington State Department of Transportation's *Temporary Erosion and Sediment Control Manual* or the City of Tacoma's *Stormwater Management Manual* for construction stormwater.

*This section is supplemented with the following:*

The permit shall be transferred to the Contractor prior to issuance of a Notice to Proceed and terminated upon completion of the project per the following:

1. The City will provide the Contractor with a Transfer of Coverage form prior to issuing a Notice to Proceed.
2. The Contractor shall sign and return the Transfer of Coverage form to the City.
3. The City will process the transfer and pay any associated transfer fees to the Washington State Department of Ecology.
4. Once the transfer is complete and a Notice to Proceed has been issued, the Contractor is responsible for performing all work in compliance with the permit and the plans and specifications.
5. The Contractor shall pay any renewal fees if the need for permit renewal is caused by contractor, otherwise the City will pay all renewal fees.
6. Upon Physical Completion of the Work the Contractor shall submit a Notice of Termination to the Washington State Department of Ecology and provide the City documentation that the termination is effective.

### **8-01.3(1)A Submittals**

*This section is revised to read:*

The Contractor shall prepare and implement a project-specific Construction Stormwater Pollution Prevention Plan (SWPPP) in accordance with the City of Tacoma Stormwater Management Manual (SWMM), Volume 2. The SWPPP is a document that describes the potential for pollution problems on a construction site and explains and illustrates the measures to be taken on the construction site to control those problems.

The Construction SWPPP shall be prepared as a stand-alone document consisting of two sections: Section 1) Construction SWPPP Narrative and Section 2) Temporary Erosion and Sediment Control (TESC) Plans.

1 The Contracting Agency has prepared the Construction Stormwater Pollution Prevention Plan  
2 Checklist to aid the Contractor in development of the SWPPP. This checklist provides the  
3 Contractor with a tool to determine if all the major items are included in the Construction  
4 SWPPP and on the TESC Plans and can be found in Volume 2, Chapter 2 of the SWMM.  
5 Contractors are encouraged to complete and submit this checklist with the Construction  
6 SWPPP.

7  
8 The Department of Ecology has prepared a SWPPP template that can be used for projects in  
9 the City of Tacoma. The template can be found on Ecology's website at:  
10 <http://www.ecy.wa.gov/programs/wq/stormwater/construction/resourcesguidance.html>. The  
11 Contractor developing the SWPPP must ensure that all references are appropriate for the City  
12 of Tacoma.

13  
14 The SWPPP is considered a "living" document that shall be revised to account for additional  
15 erosion control/pollution prevention BMPs as they become necessary and are implemented in  
16 the field during project construction. A copy of the most current SWPPP and TESC Plan shall  
17 remain on-site at all times and an additional copy shall be forwarded to the Engineer. At the  
18 Contractor's preference, revisions to the SWPPP and TESC Plan may be forwarded to the  
19 Engineer rather than submitting a complete document. Revisions to the SWPPP and TESC  
20 Plan may be kept on-site in a file along with the original SWPPP document.

21  
22 The Contractor shall provide Stormwater Pollution Prevention Plan inspection reports or forms  
23 per 8-01.3(1) B to the Project Engineer no later than the end of the next working day following  
24 the inspection.

#### 25 26 **8-01.3(1)B Erosion and Sediment Control (ESC) Lead**

27 *This section is revised to read:*

28  
29 The Contractor shall identify the ESC Lead at the Preconstruction Meeting and the contact  
30 information for the ESC Lead shall be added to the Stormwater Pollution Prevention Plan  
31 (SWPPP) Report and the Temporary Erosion and Sediment Control (TESC) Plan Sheet. The  
32 ESC Lead shall maintain, for the life of the contract, a current Certified Erosion and Sediment  
33 Control Lead (CESCL) certificate or maintain a current Certified Professional in Erosion and  
34 Sediment Control (CPESC) certificate from a course approved by the Washington State  
35 Department of Ecology. The CESCL or CPESC shall be listed on the Emergency Contact List  
36 required under Section 1-05.13(1).

37  
38 The CESCL or CPESC shall direct implementation of the measures identified in the SWPPP  
39 and as shown on the TESC plan. Implementation shall include, but is not limited to the  
40 following:

- 41  
42 1. Installing and maintaining all temporary erosion and sediment control Best  
43 Management Practices (BMPs) included in the SWPPP and as shown on the TESC  
44 plan. Damaged or inadequate BMPs shall be corrected as needed to assure  
45 continued performance of their intended function in accordance with BMP  
46 specifications and Permit requirements.
- 47 2. Performing monitoring as required by the NPDES Construction Stormwater General  
48 Permit.

3. Inspecting all on-site erosion and sediment control BMPs at least once every calendar week and within 24 hours of any discharge from the site. 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. National Pollutant Discharge Elimination System Construction Stormwater General Permit (Notice of Intent).
  - d. All documentation and correspondence related to the NPDES Construction Stormwater General Permit.
  - e. Other applicable permits.

Upon request, the file shall be provided to the Engineer for review.

### **8-01.3(1)C Water Management**

*This section is revised to read:*

**General.** The Contractor is responsible for keeping excavations free from standing water during construction and disposing of the water in a manner that will not cause pollution, injury to public or private property, or cause a nuisance to the public. Groundwater flowing toward, into, or within excavations shall be controlled to prevent sloughing of excavation walls, boils, uplift, and heave in the excavation, and to eliminate interference with orderly progress of construction. The control of groundwater shall be such that softening of the bottom of excavations, or formation of "quick" conditions or "boils" during excavation, shall not occur. The Contractor is responsible for all foundation material required due to lack of dewatering efforts.

All "normal trench dewatering" work associated with maintaining a trench or excavation area suitable for pipeline and Stormwater Treatment Facility construction will be incidental and included in the other items of work. "Normal trench dewatering" is defined as dewatering methods occurring in or directly adjacent to the trench, including trash pumps, sump pumps, or other methods in excavated areas. Normal trench dewatering does not include a dewatering system, such as well points, well screens, or deep wells.

### **8-01.3(2) Temporary Seeding and Mulching**

1 **8-01.3(2)B Temporary Seeding**

2 *The first paragraph is supplemented with the following:*

3  
4 All seeding areas shall be seeded with the following mix:

5

Type of Seed	% by Weight
Chewings or Annual Bluegrass <i>Festuca rubra var. commutate</i> or <i>Poa anna</i>	40
Perennial Rye <i>Lolium perenne</i>	50
Redtop or Colonial Bentgrass <i>Agrostis alba</i> or <i>Agrostis tenuis</i>	5
White Dutch Clover <i>Trifolium repens</i>	5

6  
7 The rate of application shall be 120 lbs per acre.

8  
9 Seeding fertilizer shall be per seed supplier's recommendations for hydroseed application.

10  
11 *The fifth paragraph is supplemented with the following:*

12  
13 Seed shall be distributed uniformly over the designated area. Half of the seed shall be sown  
14 with the sower moving in one direction, and the remainder with the sower moving at right angles  
15 to the first sowing.

16  
17 **8-01.3(2)D Temporary Mulching**

18 *This section is supplemented with the following:*

19  
20 The Contractor shall reapply mulch as needed to protect exposed soil and seeded areas from  
21 erosion.

22  
23 **8-01.3(2)E Tackifiers**

24 *This section is supplemented with the following:*

25  
26 The Contractor shall follow the requirements of the City of Tacoma Surface Water Management  
27 Manual BMP C120 for using tackifiers with hydro seeding.

28  
29 **8-01.3(7) Stabilized Construction Entrance**

30 *The third paragraph is revised to read:*

31  
32 When the contract requires a wheel wash in conjunction with the stabilized entrance, the details  
33 for the wheel wash and the method for containing and treating the sediment-laden runoff shall  
34 be included as part of the SWPPP and TESC Plan.



1 **8-01.3(8) Street Cleaning**

2 *The fourth paragraph is revised to read:*

3  
4 Street washing with water shall not be permitted.

5  
6 **8-01.3(9)D Inlet Protection**

7 *Replace the third paragraph of this section with the following:*

8  
9 When the depth of accumulated sediment and debris reaches approximately 1/3 the height of  
10 an internal device or 1/3 the height of the external device (or less when so specified by the  
11 manufacturer), or as designated by the Engineer, the sediment and debris shall be removed and  
12 disposed of per SWMM BMP C220 or as specified on the Plans or within the SWPPP.

13  
14 *The section is supplemented with the following:*

15  
16 Only bag-type filters are allowed for use in the public right of way.

17  
18 **8-01.3(10) Wattles**

19 *The fifth and sixth sentences of the first paragraph are revised to read:*

20  
21 On gradually sloped or clay-type soils trenches shall be 3 to 5 inches deep. On loose soils, in  
22 high rainfall areas, or on steep slopes, trenches shall be 3 to 5 inches deep, or 1/2 to 2/3 the  
23 thickness of the wattle, whichever is greater.

24  
25 **8-01.4 Measurement**

26  
27 **8-01.4(2) Item Bids**

28 *This section is supplemented with the following:*

29  
30 No specific unit of measurement shall apply to the lump sum item "Stormwater Pollution  
31 Prevention Plan (SWPPP)".

32  
33 No specific unit of measurement shall apply to the lump sum item "Dewatering Plan".

34  
35 No specific unit of measurement shall apply to the lump sum item "NPDES Construction  
36 Stormwater General Permit".

37  
38 No specific unit of measure shall apply to the lump sum item "Erosion Control".

39  
40 **8-01.5 Payment**

41 *This section is supplemented with the following:*

42  
43 Where removal of erosion control BMPs is directed by the Engineer according to 8-01.3(16) or  
44 according to these specification and the plans, removal shall be included in the lump sum or unit  
45 cost for these respective BMPs.

1 **8-01.5(2) Item Bids**

2 *This section is supplemented with the following:*

3  
4 “Stormwater Pollution Prevention Plan (SWPPP)”, per lump sum

5  
6 The lump sum contract price for “Stormwater Pollution Prevention Plan (SWPPP)” shall be full  
7 pay for all costs, including but not limited to, preparing, submitting, revising, and resubmitting  
8 revisions for the Stormwater Pollution Prevention Plan.

9  
10 “Erosion/Water Pollution Control”, per lump sum.

11  
12 The lump sum contract price for “Erosion/Water Pollution Control” shall be full pay for all cost for  
13 labor, equipment, and materials to perform all work associated with erosion control. Work shall  
14 include, but shall not be limited to, furnishing, purchase and delivery or required materials,  
15 installation and maintenance of temporary erosion and sediment control measures, and all costs  
16 incurred by the Contractor in performing the Contract Work defined in Section 8-01, except for  
17 unit bid items in Section 8-01 when these are included in the bid proposal. It is the Contractor’s  
18 responsibility to maintain, repair, and replace any and all erosion control measures as required  
19 to maintain compliance with the NPDES Construction Stormwater General Permit and Tacoma  
20 Municipal Code 12.08 for the entire duration of the Project.

21  
22  
23 **END OF SECTION**  
24

## **8-02 ROADSIDE RESTORATION**

**(\*\*\*\*\*)**

### **8-02.2 Materials**

*This section is supplemented with the following:*

Root barrier shall be rigid-type root barrier module panels and shall be at least 75 percent recycled polypropylene or high-impact polystyrene with added ultraviolet inhibitors. Material shall have 0.060-inch to 0.075-inch wall thickness, 18-inch height. Panels shall have reinforcing ribs 1/2-inch deep, raised vertical ribs running perpendicular to sheet, 6 inches on center.

### **8-02.3 Construction Requirements**

#### **8-02.3(5)B Lawn Area Preparation**

*Item 3 is supplemented with the following:*

The depth of cultivation shall be 4 inches.

*Item 4 is revised to read:*

Till to a 4 inch depth, rake to a smooth even grade without low areas that trap water, and compact to 90% maximum modified proctor density. The finished grade of the soil shall be 1-inch below the top of all curbs, junction and valve boxes, walks, driveways, and other structures.

#### **8-02.3(5) Roadside Seeding, Lawn and Planting Area Preparation**

*This section is supplemented with the following:*

All grades shall be maintained in the areas to be planted in a true and even condition. The contractor shall be careful not to disturb any of the existing or cut slopes. Where final grades have not been established, the areas shall be finish graded and all surfaces left in an even and compacted condition. The finished grade shall be such that after planting, the grade shall be flush with adjoining surfaces; positive drainage shall also be maintained.

#### **8-02.3(5)C Planting Area Preparation**

*Item 7 is supplemented with the following:*

The finished grade shall be such that after planting, the grade shall be flush with adjoining vegetative surfaces; positive drainage shall also be maintained.

*Add the following new Item:*

9. The contractor shall be careful not to disturb any of the existing or cut slopes.

#### **8-02.3(6) Mulch and Amendments**

*This section is supplemented with the following:*

Recycled/compost material in accordance with Section 9-14.5(8) shall be blended with the specified topsoil at a ratio of 1/1 by volume.

### **8-02.3(8)C Pruning, Staking, Guying and Wrapping**

*This section is supplemented with the following:*

Crossed or rubbing branches shall be removed providing the natural shape of the tree is preserved. Under no circumstances shall pruning be done prior to inspection and approval of plants by the Engineer. All cuts shall be made flush with the parent stem leaving no stubs. Pruning cuts shall be made in a manner to favor the earliest possible covering of the wound by callus growth. Cuts that produce large wounds and weaken the tree will not be acceptable.

Top growth removal to compensate for root loss shall not exceed one-third (1/3) of the top growth unless otherwise specified or directed by the Engineer. Cuts created 3/4 inch in diameter shall be treated with an approved tree wound dressing. All pruning shall produce a clean cut without bruising or tearing the bark and shall be in living wood where the wood can properly heal over.

Evergreens shall not be pruned, except to remove injured branches. The use of pole shears and/or hedge shears for pruning deciduous and evergreen trees will not be permitted. All trimmings and other debris left over from the planting operations shall be collected and disposed of off the site.

All evergreen trees and deciduous trees over 15 feet in height shall be guyed with three wires or cables.

All deciduous and evergreen trees shall be staked the same day of planting.

### **8-02.3(8)D Root Barrier**

The Contractor shall stake location for approval of the Engineer before proceeding with installation. Assemble the appropriate number of root barrier panels as required in the Plans. Trench immediately adjacent to hardscape to the appropriate depth for installation of specified root barrier so that top of barrier is 1/2 inch to 1 inch (12.7 mm to 25.4 mm) above finished soil grade. Place root barrier in trench, vertical ribs facing toward planting area and tree roots. Where possible, use pavement edge as a guide for root barrier alignment. Backfill adjacent planting soil against the root barrier to promote clean fit to hardscape. Fill to finish grade.

### **8-02.3(8)E Tree Watering Bags**

The Contractor shall install one Tree Watering Bag per tree as shown on the plans, following completion of the planting at the start of the watering season. Install Tree Watering Bag in accordance with manufacturer's instructions and 8-02.3(13) Plant Establishment.

### **8-02.3(9) Seeding, Fertilizing, and Mulching**

#### **8-02.3(9)A Dates for Seed Application**

*The first paragraph is supplemented with the following:*

Where no irrigation system is to be installed, the lawn shall be placed during the following period only:

March 1<sup>st</sup> – June 30<sup>th</sup>  
September 1<sup>st</sup> - October 25

#### **8-02.3(9)B Seeding and Fertilizing**

*This section is supplemented with the following:*

All seeding areas shall be seeded with the following mix:

Type of Seed	% by Weight
Dwarf Tall Fescue (several varieties) <i>Festuca arundinacea</i> var.	45
Dwarf Perennial Rye (Barclay) <i>Lolium perenne</i> var. <i>Barclay</i>	30
Red Fescue <i>Festuca rubra</i>	20
Colonial Bentgrass <i>Agrostis tenuis</i>	5

The rate of application shall be 120 lbs per acre.

#### **8-02.3(10) Lawn Installation**

##### **8-02.3(10)A Dates and Conditions for Lawn Installation**

*The second paragraph is supplemented with the following:*

Where no irrigation system is to be installed, the lawn shall be placed during the following period only:

March 1<sup>st</sup> – June 30<sup>th</sup>  
September 1<sup>st</sup> - October 25

##### **8-02.3(10)B Lawn Seeding and Sodding**

*The first paragraph is supplemented with the following:*

Seed type, rate, and methods of application shall be in accordance with Section 8-02.9.

*The third paragraph is supplemented with the following:*

Topsoil shall be tilled in accordance with City of Tacoma Standard Plan GSI-01b. On sloped areas, the sod strips shall be laid perpendicular to the flow of water.

##### **8-02.3(10)C Lawn Establishment**

*This section is supplemented with the following:*

Lawn that is replaced shall be of the same mixture and grade as the surviving lawn.

1 **8-02.3(11) Mulch**

2 *The first paragraph is supplemented with the following:*

3  
4 Mulch shall be of the type and applied at the rate required in BMPs C120 & 121 of the City of  
5 Tacoma Surface Water Management Manual. The contractor shall re-apply mulch to protect  
6 exposed soil and seeded areas from erosion.

7  
8 **8-02.3(11)B Bark or Wood Chip Mulch**

9 *The second sentence of the third paragraph is revised to read:*

10  
11 Bark or wood chip mulch shall be feathered to plant material trunks, stems, canes, or root  
12 collars, and level with the top of junction and valve boxes, curbs and pavement edges.

13  
14 *This section is supplemented with the following:*

15  
16 Bark or wood chip mulch in accordance with Section 9-14.5(3) shall be applied to a minimum  
17 depth of 3 inches at the location indicated on the Plans or as directed by the Engineer.

18  
19 **8-02.3(14) Plant Replacement**

20 *This section is revised to read:*

21  
22 The Contractor shall provide the Contracting Agency a one (1) year non pro-rated, full labor and  
23 materials warranty for all planted material. The warranty shall cause the Contractor to remove  
24 and replace all rejected plant material during the warranty period. The warranty period shall  
25 begin at the date of physical completion of the contract and end one calendar year from that  
26 date.

27  
28 The Contractor shall be responsible for growing or providing enough plants for replacement of  
29 all plant material rejected during the warranty period. All rejected plant material shall be  
30 replaced at dates approved by the Engineer.

31  
32 All replacement plants shall be of the same species and quality as the plants they replace.  
33 Plants may vary in size reflecting one season of growth should the Contractor elect to hold plant  
34 material under nursery conditions for an additional year to serve as replacement plants.

35  
36 Replacement plants will be subject to the original warranty provision as stated above.

37  
38 **Tree Watering Bag**

39  
40 Each tree watering bag shall be filled to capacity not less than once per week, during the  
41 watering season, which is considered to be April 15th through September 30th. It is the  
42 Contractor's responsibility to monitor the water in each watering bag and advise the City if  
43 additional water cycles are required. The Contractor shall ensure that each watering bag is  
44 functioning correctly and shall replace any malfunctioning, damaged, or stolen watering bags. If  
45 watering a bag is stolen or damaged by the acts of others, the City will pay invoice cost with no  
46 markup only for the replacement watering bags and the Contractor will be responsible for the  
47 labor to install the replacement bags.

1 Watering will be weather dependent. It is the responsibility of the Contractor to monitor the  
2 watering requirements and the frequency may increase or decrease throughout the term of the  
3 Agreement. If more than 0.5 inches of rainfall occurs within a 48-hour period, the contractor  
4 may elect to forgo tree watering until the rainfall has ceased and for a period of 48 hours  
5 following the rain.

6  
7 Upon completion of the contract, the watering bags in good working condition shall become the  
8 property of the City. All other watering bags shall be disposed of by the Contractor. The  
9 Contractor shall deliver the watering bags that are good working condition to Environmental  
10 Services.

11  
12 The Contractor shall not use hoses, equipment, or water from private properties when watering  
13 trees.

14  
15 *Add the following new section:*

16 **8-02.3(17) Site Restoration**

17  
18 During the construction of the roadway or HMA overlay, curb ramp construction, curb and gutter  
19 construction, and sidewalk construction; the Contractor shall replace in kind, including but not  
20 limited to: any lawn, topsoil, plants, wood chip mulch, garden walls, rockery, or irrigation  
21 heads/pipes, affected by the work. Each location of work shall be graded to a smooth and even  
22 surface, matching existing grades. Grading shall be accomplished to blend the new work with  
23 the existing ground lines and to maintain natural drainage courses. In areas abutting the  
24 roadway, or where it is common for pedestrians to walk, lawn restoration shall either be  
25 protected from any kind of traffic until the end of the establishment period or left in a manner  
26 that is firm when subjected to foot traffic. Restoration of grass areas by placement of seed shall  
27 be done through hydro-seeding. Hand seeding will not be allowed, except in small areas as  
28 allowed by the Engineer. In addition landscaping items not included in the Proposal shall be  
29 included under "Site Restoration", lump sum.

30  
31 All excess materials shall be removed from the site.

32  
33 **8-02.4 Measurement**

34 *The first paragraph is revised to read:*

35  
36 Topsoil, mulch and soil amendments will be measured by the cubic yard in the haul conveyance  
37 at the point of delivery.

38  
39 *The seventh paragraph is revised to read:*

40  
41 Compost will be measured by the cubic yard in the haul conveyance at the point of delivery.

42  
43 *The fifteenth paragraph is revised to read:*

44  
45 Irrigation water used to establish vegetation will be considered included in the cost of plants.

46 *This section is supplemented with the following:*

47  
48 No specific unit of measure will be applied to the lump sum bid item Site Restoration.

1 **8-02.5 Payment**

2 *The pay unit of square yards will be used in lieu of acres.*

3  
4 "Plant Selection \_\_\_\_", per each.

5  
6 Payment for "Plant Selection \_\_\_\_" shall be full pay for all materials, labor, tools, equipment and  
7 supplies necessary for weed control within planting areas, planting area preparation, fine  
8 grading, planting, cultivating, and clean-up for the particular items called for in the Plans until the  
9 physical completion date of the contract. A one (1) year plant warranty shall be included in the  
10 unit contract price.

11  
12 *Paragraphs 14 through 17, pertaining to partial payment, are deleted.*

13  
14 *Paragraphs 20 through 26, pertaining to partial payment, are deleted.*

15  
16 "Site Restoration", per lump sum.

17  
18 The lump sum payment for "Site Restoration" shall be full pay for all materials, labor, tools,  
19 equipment, and supplies necessary for restoration of the job site and any landscape items  
20 according to the Plans and Specifications, including but not limited to replacement of irrigation  
21 appurtenances, grass sod/seed, planting area preparation, soil amendment, grading, cultivating,  
22 planting, mulching, cleanup, and water necessary to complete the site restoration, as specified.

23  
24 *The last paragraph is deleted.*

25  
26  
27 **END OF SECTION**  
28  
29  
30



1 **8-04 CURBS, GUTTERS, AND SPILLWAYS**  
2 **(April 1, 2018 Tacoma GSP)**  
3

4 **8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways**

5 *The first paragraph is revised to read:*  
6

7 Cement concrete curb, curb and gutters, gutters, and spillways shall be constructed with air  
8 entrained concrete Class 3000 conforming to the requirements of Section 6-02.  
9

10 *Section 8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways is supplemented with the*  
11 *following:*  
12

13 **8-04.3(1)C Integral Cement Concrete Curb**  
14

15 When integral curb is being constructed with the pavement, fresh concrete for the integral curb  
16 shall be placed at such time as will enable the top section of the curb to be consolidated,  
17 finished, and bonded to the pavement slab while the concrete is plastic.  
18

19 Where curb is not being placed integral with the pavement slab, reinforcing steel dowels shall  
20 be placed in the base section for the curb in accordance with the standard drawing.  
21

22 *Section 8-04.3 Construction Requirements is supplemented with the following:*  
23

24 **8-04.3(6) Cold Weather Work**  
25

26 The following additional requirements for placing concrete shall be in effect from November 1 to  
27 April 1:  
28

- 29 • The Engineer shall be notified at least 24 hours prior to placement of concrete.
- 30 • All concrete placement shall be completed no later than 2:00 p.m. each day.
- 31 • Where forms have been placed and the subgrade has been subjected to frost, no
- 32 concrete shall be placed until the ground is completely thawed. At that time, the forms
- 33 shall be adjusted and subgrade repaired as determined by the Engineer.  
34

35 **8-04.5 Payment**

36 *This section is supplemented with the following:*  
37

38 "Integral Cement Conc. Traffic Curb", per linear foot  
39 "Extruded Curb Type \_\_\_\_\_", per linear foot.  
40

41  
42 **END OF SECTION**  
43  
44

1 **8-06 CEMENT CONCRETE DRIVEWAY ENTRANCES**  
2 **(April 1, 2018 Tacoma GSP)**  
3

4 **8-06.3 Construction Requirements**

5 *The first paragraph is revised to read:*  
6

7 Cement concrete driveway approaches shall be constructed with air entrained concrete Class  
8 3000 conforming to the requirements of Section 6-02 or Portland Cement Concrete Pavement  
9 conforming to the requirements of Section 5-05.

10 **Lamp Black Pigment**

11 The contractor shall apply MasterColor Liquid-Coloring Hailstorm Grey MC1501 to all  
12 new concrete driveway and alley entrances. Apply Hailstorm Grey MC1501 at a rate of  
13 1.5 pound per 100 pounds of concrete mix, or as approved for desired discoloration in  
14 accordance with ASTM D209-81.  
15

16 *This section is supplemented with the following sub-section:*  
17

18 **8-06.3(1) Cold Weather Work**  
19

20 The following additional requirements for placing concrete shall be in effect from November 1 to  
21 April 1:  
22

- 23 • The Engineer shall be notified at least 24 hours prior to placement of concrete.
- 24 • All concrete placement shall be completed no later than 2:00 p.m. each day.
- 25 • Where forms have been placed and the subgrade has been subjected to frost, no  
26 concrete shall be placed until the ground is completely thawed. At that time, the forms  
27 shall be adjusted and subgrade repaired as determined by the Engineer.  
28

29 **8-06.5 Payment**

30 *The third paragraph is revised to read:*  
31

32 Excavation required for the construction of the driveway entrance shall be paid for under the unit  
33 Contract price for "Roadway Excavation, Incl. Haul" when included in the Proposal. Otherwise,  
34 the Contractor shall include all costs associated with excavating, including haul and disposal,  
35 regardless of the depth in the unit Contract price for "Cement Conc. Driveway Entrance  
36 Type\_\_".  
37  
38

39 **END OF SECTION**  
40  
41

## **8-09 RAISED PAVEMENT MARKERS**

**(\*\*\*\*\*)**

### **8-09.1 Description**

*This section is supplemented with the following:*

In addition the work includes furnishing and installing a Low-Profile Plastic Curbing System with delineator posts where shown on the Plans.

### **8-09.2 Materials**

*This section is supplemented with the following:*

Low-Profile Plastic Curbing with Delineators:

The Low-Profile Plastic Curbing system with Delineators shall consist of modular curbing units made of a durable plastic or polymer material, with a maximum height of 3 inches. The curbing system shall meet MUTCD requirements as well as requirements from NCHRP Report 350 and 2009 MASH for safety and durability related to traffic impacts.

The Low-Profile Plastic Curbing with Delineators shall have a UV-resistant white color. The curbing unit shall include white integrated raised pavement markers for the reflector component.

The Low-Profile Plastic Curbing with Delineators shall have integrated and replaceable vertical delineator posts at a consistent frequency along the length of the curbing. The vertical delineator posts shall be made of flexible high density polyurethane or polyethylene, and shall be 2 inches in diameter, with color matching that of the curbing, and at a readily-available height that is as close to 34 inches (as measured from the installed height relative to the pavement) without exceeding that height. The posts shall be self-righting after traffic impacts and resist being deflected by storm wind. The posts shall include at least 2 separate bands, min. 1 inch in width, of white retro-reflective material matching the color of the curbing and posts.

### **8-09.3 Construction Requirements**

*This section is supplemented with the following:*

The Low-Profile Plastic Curbing with Delineators shall be secured to the roadway, provide consistent delineation and access control, and have a modular design to allow for repair, removal and replacement.

In addition, the contractor shall follow manufacturer's installation instructions and requirements. The contractor shall provide a copy of the installation instructions to the Engineer at the pre-construction meeting.

### **8-09.3(6) Recessed Pavement Marker**

*This section is deleted.*

1  
2 **8-09.4 Measurement**

3 *This section is supplemented with the following:*  
4

5 The Low-Profile Plastic Curbing with Delineators shall be measured per linear foot along the  
6 pavement and length of curb units installed. The measurement shall include all spaces  
7 between curb units resulting from the practicable installation of the curb units.  
8

9 **8-09.5 Payment**

10 *This section is supplemented with the following:*  
11

12 "Low-Profile Plastic Curbing with Delineators", per linear foot  
13

14 The contract unit price per linear foot for "Low-Profile Plastic Curbing with Delineators" shall  
15 be full pay for all equipment, tools, labor and materials to furnish and install the Low-Profile  
16 Plastic Curbing including integrated vertical delineator posts and raised pavement markers  
17 according to the plans and Section 8-09, and including pavement surface preparation  
18 according to Section 8-09 and the manufacturer's installation instructions.  
19

20  
21 **END OF SECTION**  
22  
23

1 **8-13 MONUMENT CASES**  
2 **(March 17, 2003 Tacoma GSP)**  
3

4 *This section is revised to read:*  
5

6 **8-13 Monuments**  
7

8 **8-13.1 Description**  
9

10 This Work shall consist of constructing monuments in accordance with the Standard Plan and  
11 these Specifications, in conformity with the lines and locations shown in the Plans or as staked  
12 by the Engineer.  
13

14 All existing monuments that are intact shall be removed and sent to the City of Tacoma Testing  
15 Lab.  
16

17 **8-13.2 Materials**  
18

19 Concrete shall be Class 3000 in accordance with the requirements of Section 6-02. 'Ready Mix'  
20 bag concrete shall not be used.  
21

22 Bronze markers will be supplied by the Contractor.  
23

24 **8-13.3 Construction Requirements**  
25

26 The Contractor shall construct the poured monument in accordance with the City of Tacoma  
27 Standard Plan SU-01. The brass marker position shall be staked and checked by a Professional  
28 Land Surveyor registered in the State of Washington. The brass marker shall be engraved with  
29 the PLS number of the Professional Land Surveyor staking and verifying the monument  
30 location.  
31

32 The Contractor shall obtain a permit for the temporary removal of the Monument from the  
33 Washington State Department of Natural Resources and provide a copy of the permit to the  
34 Contracting Agency prior to the removal of the existing Monument.  
35

36 **8-13.4 Measurement**  
37

38 Measurement of the poured monument will be per each.  
39

40 **8-13.5 Payment**  
41

42 Payment will be made in accordance with Section 1-04.1.  
43

44 "Poured Monument", per each.  
45

46 The unit Contract price per each for "Poured Monument" shall be full pay for all labor,  
47 equipment, and materials required to furnish and install the monument, including the removal of

1 existing monuments and necessary pavement removal to accommodate the installation in  
2 accordance with the standard plan and specifications.

3

4

5

**END OF SECTION**

6

7

**8-14 CEMENT CONCRETE SIDEWALKS**  
**(March 23, 2010 Tacoma GSP)**

**8-14.3 Construction Requirements**

**8-14.3(3) Placing and Finishing Concrete**

*The fourth paragraph is revised to read:*

Curb ramps shall be of the type specified in the Plans. The detectable warning pattern shall have the truncated dome shape shown in the Standard Plans.

*This section is supplemented with:*

**Lamp Black Pigment**

The contractor shall apply MasterColor Liquid-Coloring Hailstorm Grey MC1501 to all new concrete sidewalks and curb ramps. Apply Hailstorm Grey MC1501 at a rate of 1.5 pound per 100 pounds of concrete mix, or as approved for desired discoloration in accordance with ASTM D209-81.

**Historic Scoring Pattern**

All new cement concrete sidewalks shall be finished and scored as shown in the City of Tacoma Standard Plan HD-NS03.

**8-14.3(4) Curing**

*The second sentence is revised to read:*

Curing shall be in accordance with Section 5-05.3(13).

*Section 8-14 is supplemented with the following:*

**8-14.3(20) 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 that time, the forms shall be adjusted and subgrade repaired as determined by the Engineer.

**8-14.3(21) Thickened Edge for Sidewalk**

Thickened edge shall be constructed in accordance with the standard plan.

**8-14.5 Payment**

*The pay item "Cement Conc. Sidewalk" is supplemented with the following:*

All additional costs related to the construction of thickened edges, pigment, and finishing and scoring shall be included in the unit contract cost for "Cement Conc. Sidewalk".

1  
2 *The sixth paragraph is revised to read:*  
3

4 Excavation required for the construction of the sidewalk shall be paid for under the unit contract  
5 price for "Roadway Excavation, Incl. Haul" when included in the proposal. Otherwise, the  
6 Contractor shall include all costs associated with excavating, including haul and disposal,  
7 regardless of the depth in the unit contract price for "Cement Conc. Sidewalk" and/or "Cement  
8 Conc. Curb Ramp Type \_\_\_\_".  
9

10  
11 **END OF SECTION**  
12  
13



1 **8-20 ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, AND ELECTRICAL**  
2 **(March 31, 2016 Tacoma GSP)**  
3

4 **8-20.2 Materials**

5 *This section is supplemented with the following:*  
6

7 The Contractor shall warranty all electrical and mechanical equipment described in this section  
8 for satisfactory in service operation for one year following project acceptance. Warranty shall  
9 include troubleshooting, labor, materials and all other costs to bring the equipment to a  
10 satisfactory level of service. Normal maintenance is not included in the warranty.  
11

12 **8-20.2(1) Equipment List and Drawings**

13 *This section is revised to read:*  
14

15 Within 20 days following execution of the Contract, the Contractor shall submit to  
16 the Engineer a completed "Request for Approval of Material" that describes the material  
17 proposed for use to fulfill the Plans and Specifications.  
18

19 The Contractor shall submit Type 2 Working Drawings consisting of supplemental data, sample  
20 articles, or both, of the material proposed for use. Supplemental  
21 data includes such items as catalog cuts, product Specifications, shop drawings, wiring  
22 diagrams, etc.  
23

24 The Engineer's acceptance of any submitted documentation shall in no way relieve the  
25 Contractor from compliance with the safety and performance requirements as specified herein.  
26

27 Submittals required shall include but not be limited to the following:  
28

- 29 1. A Type 2 Working Drawing consisting of a material staging plan, should the  
30 Contractor propose Contracting Agency-owned property for staging areas.
- 31 2. A Type 2 Working Drawing consisting of a cable vault installation plan showing the  
32 exact proposed installation location by Roadway station, offset and the scheduled  
33 sequence for each cable vault installation.
- 34 3. A Type 2E Working Drawing consisting of a pit plan, for each boring pit, depicting the  
35 protection of traffic and pedestrians, pit dimensions, shoring, bracing, struts, walers,  
36 sheet piles, conduit skids, and means of attachment, casing type, and casing size.
- 37 4. A Type 2E Working Drawing consisting of a boring plan depicting the boring system  
38 and entire support system.  
39

40 **8-20.3 Construction Requirements**  
41

42 **8-20.3(1) General**

43 *This section is supplemented with the following:*  
44

45 The Contractor shall call 24 hours prior for inspection before covering any underground conduit,  
46 prior to installing any detection loops, or placing concrete for foundations. For inspections,  
47 notify Traffic Signal/Streetlighting at (253) 591-5287.  
48

1 Work shall be sequenced such that after the new signal is placed in operation, the Contractor  
2 shall remove any equipment not required for the operation of the new signal. The Contractor  
3 shall remove the old vehicle and pedestrian signal heads immediately after the new system is  
4 operational.

5  
6 Uniformed police officers shall be provided by the Contractor to direct traffic at any time the  
7 signal is not in normal operation. This work shall be paid for in accordance with Section 1-10.

8  
9 The following existing and temporary equipment shall be deconstructed/removed by the  
10 Contractor and delivered to the City of Tacoma Signal/Streetlight Shop located at 3401A South  
11 Orchard Street. Care shall be exercised in removing and salvaging the equipment. Any  
12 equipment damaged during removal, hauling, and stockpiling shall be repaired or replaced by  
13 the Contractor at no expense to the City.

- 14 • All signal heads and mounting hardware
- 15 • Flashing beacons, and flasher control panel
- 16 • Steel poles, mast arms, and hardware
- 17 • Aluminum poles, mast arms, and hardware
- 18 • Controller cabinets and all internal hardware and wiring
- 19 • Vehicle detection systems, including video, microwave, and infrared systems, and
- 20 associated hardware
- 21 • All Opticom equipment or other preemption and priority equipment.
- 22 • LED luminaries, LED retrofit kits, and LED lamps
- 23 • Ornamental/Decorative fixtures and poles/posts
- 24 • Pedestrian signals, poles, and pushbuttons.
- 25 • Signs, brackets, and hardware
- 26 • Locking junction box security lids, security bolts, and all other wire theft deterrent
- 27 security hardware

28  
29 All other equipment shall be removed of and disposed of by the Contractor, including but not  
30 limited to the following:

- 31 • Wood poles
- 32 • All wiring outside of the controller cabinet
- 33 • Loops
- 34 • Non-LED cobra-head fixtures

### 35 36 **8-20.3(1)A Temporary Lighting**

37  
38 The Contractor shall schedule the work to minimize the outage between any existing lights and  
39 new lights. The temporary lighting shall be installed and operational before the existing lighting  
40 is removed from service. Temporary lighting shall be provided by the Contractor. City  
41 Signal/Streetlight Maintenance Crews will hot splice the final connection or connections. The  
42 Contractor shall provide 72 hours notice to schedule the City crews for the hot splicing.

#### **8-20.3(4) Foundations**

*This section is supplemented with the following:*

Anchor bolts for streetlight standards and for strain poles shall extend a minimum of two threads and a maximum of six threads above the top heavy-hex-nut. A minimum of three threads shall remain between bottom of the leveling hex-nut and the top of the foundation.

Foundations shall be excavated using an auger and poured against undisturbed material unless otherwise approved by the Engineer. Vacuum excavation should be used where there is a possibility of conflict with utilities or other facilities.

Forming the foundation with galvanized culvert pipe or similar forming methods will only be allowed when soil conditions or other factors make this method of construction necessary and is approved by the Engineer. Biodegradable forming tubes shall be fully removed from the cured concrete prior to backfilling. When using culvert or tubes, the following backfill requirements will apply. The area between the form and undisturbed material shall be filled with CDF. For lightly loaded installations and only with the approval of the Engineer, Crushed Surfacing Top Course meeting the requirements of Section 9-03.9(3) may be used. Placement shall be in accordance with Section 2-09.3(1)E and shall be backfilled and compacted in the presence of the Engineer.

#### **8-20.3(5) Conduit**

##### **8-20.3(5)A General**

*This section is supplemented with the following:*

As soon as the mandrel has been pulled through, both ends of the conduit shall be sealed in an approved manner. Location wire, in conformance with 9-29, shall be installed in all empty conduits. At least three (3) feet of the location wire shall be neatly coiled and secured to the conduit in the same manner as is shown in Washington State Department of Transportation Standard Plan J-28.70-01, Details A and B.

##### **8-20.3(5)B Conduit Type**

*This section is supplemented with the following:*

Conduit under driveways and other vehicular access ways shall be Schedule 80 high-density polyethylene (HDPE), Schedule 80 PVC, or rigid metal conduit (RMC)

Conduit installed in a joint trench, with power, and that is installed a minimum of 36-inches from finished grade may utilize Schedule 40 PVC in lieu of Schedule 80 PVC. This allowance shall not be construed to permit the use of dissimilar materials in a single run.

Pole riser conduit material types shall be in accordance with applicable City of Tacoma standard plans.

1 **8-20.3(5)D Conduit Placement**

2 *This Section is supplemented with the following:*

3  
4 Conduit terminating in pole foundations shall extend to 3 inches below the handhole.

5  
6 Conduit terminating in controller foundations shall terminate 1 inch above the foundation.

7  
8 **8-20.3(5)E1 Open Trenching**

9 *Subsection 5 is revised to read:*

- 10  
11 5. Trenches located within the paved roadway shall be backfilled with 3 inches of  
12 sand over the conduit, followed by material meeting the requirements of Section  
13 9-03.12(3). Compaction shall be in conformance with Section 2-09.3(1)E. All  
14 street cuts shall be repaired in accordance with the standard plans.

15  
16 *This section is supplemented with the following new Subsections:*

- 17  
18 7. Where multiple conduit are installed in the same trench, the trench shall be of  
19 sufficient width to accommodate all conduit, with a minimum 3-inch separation  
20 between each conduit, and a minimum clearance of 1-inch on the sides of the  
21 trench. When conduit is laid horizontal to one another, the conduit shall be laid  
22 at the same elevation, parallel with one another. When conduit is laid vertically in  
23 the same trench, conduit spacers shall be used to maintain the 3-inch separation.  
24 Spacers shall be installed in accordance with the manufacturer's  
25 recommendations for conduit of that size and type. Additional spacers shall be  
26 required where the supported conduit is sagging more than 20% of the nominal  
27 diameter of the conduit.  
28 8. In all conduit trenches, metallic, detectible, utility warning tape shall be placed at  
29 twelve (12) inches below final grade.

30  
31 **8-20.3(6) Junction Boxes, Cable Vaults, and Pull boxes**

32 *This section is supplemented with the following:*

33  
34 Unless otherwise specified in the Plans, or as otherwise directed by the Engineer, all junction  
35 boxes exposed to vehicular traffic shall be Heavy-Duty. Field adjustment of junction boxes  
36 causing junction boxes to be installed within an intersection radius and within four feet of the  
37 curb face may require Heavy-Duty junction boxes. Final placement and type of all junction  
38 boxes within an intersection shall be as directed by the Engineer.

39  
40 Adjacent junction boxes shall be separated by a minimum of three-inches.

41  
42 Concrete meeting the requirements of 6-02.3(2)B shall be placed surrounding all junction boxes  
43 except as otherwise provided for below. Concrete shall be flush with the top of the junction box  
44 and the adjacent improvements. Concrete shall be cast in place. Junction boxes shall be  
45 secured with the concrete border as follows:

1. When the junction box is located within a concrete or asphalt section and is located a minimum of 12-inches from the edge of the section, a concrete border will not be required.
2. Where junction boxes are located within 12-inches from the edge of the concrete or asphalt section, the junction box shall be secured on all sides with a minimum 12-inch wide, 6-inch deep concrete section. Concrete shall be finished in the same manner as the adjacent concrete where applicable.
3. Where junction boxes are located within a planter strip, a landscaped area, or other non-hardened surface, the junction box shall be bordered on all sides with a minimum 6-inch wide, 12-inch deep concrete section flush with the top of the junction box.

#### **8-20.3(7) Messenger Cable, Fittings**

*The second paragraph of this section is deleted.*

*This section is supplemented with the following:*

Cable ties shall be used to neatly secure the signal cable to the span wire at 10-inch centers and shall be tightened at top. Excess tie material shall be completely cut off. The signal control cable shall be below the span wire and shall be straight with no twisting or spiraling.

A minimum 5% sag shall be provided in the span wire when fully loaded with all vehicular signal heads, unless otherwise directed by the Engineer.

#### **8-20.3(8) Wiring**

*The third paragraph is revised to read:*

All splices in underground illumination circuits, induction loop circuits, and magnetometer circuits shall be installed at junction boxes. The only splice allowed in an induction loop circuit shall be the shielded cable to loop wire splice. The only splice allowed in a magnetometer circuit shall be the probe lead-in cable to the magnetometer cable splice.

Induction loop splices and magnetometer splices shall be heat shrink type with moisture blocking material, sized for the conductors. Magnetometer and induction loop splices shall be soldered. The end of the sheathing shall be sealed with a heat shrink insulator.

*The fourth paragraph is revised to read:*

Signal wiring shall be in conformance with the following:

1. All termination for traffic signal control systems shall be in accordance with City of Tacoma Standard Plan TS-15.
2. All signal wiring shall be 5-conductor or 2-conductor 14 gauge stranded copper wire unless otherwise shown in the plans.
3. For 5-section and bimodal heads, 2-5c-14 gauge conductors shall be utilized.
4. 5c wire shall not be split between high voltage and low voltage. Where a pedestrian head and a pedestrian push button share a common pole, a separate 2c shall be pulled in for the push button.

5. A single 5c may be split between two pedestrian heads on a common pole with a jumper across the neutral.
6. Opticom and detection wiring shall be per manufacturer's recommendations.

All wiring entering the cabinet shall be gathered across the conduits to the right front of the cabinet and neatly tied and circle the base of the cabinet counterclockwise as further described below:

1. Copper communication cables shall circle the base of the cabinet, counterclockwise from front right, one full circle, and around to the back of the right panel. Cables shall follow up the back of the right panel and terminate on TS14. Cable outer jacket sheathing shall be removed from a point two (2) inches below TS14. Cables shall be uniform in length, with sufficient slack to reach any terminal on the TS14. Individual wire slack shall be neatly looped back and tied. A bolt/flanged nut alligator jaw shield bond connector shall be utilized.
2. Power service conductors shall circle the base of the cabinet, counterclockwise from front right, one full circle, and back around to the front right of the base.
3. Detection cables shall circle the base of the cabinet, counterclockwise from front right, to the back of the left panel. Cables shall follow up the back of the left panel and terminate as directed in the field.
4. Signal vehicle and pedestrian head shall circle the base of the cabinet, counterclockwise from front right, to back left. Cable outer jacket sheathing shall be removed from the point that the conductor reaches the back left of the cabinet to the ends of the conductors. All vehicle and pedestrian conductors in the cabinets shall be uniform in length, with sufficient slack to reach any terminal on the load bay. Individual wire slack shall be neatly looped back and tied.
5. Push button conductors shall circle the base of the cabinet, counterclockwise from front right, to front left. Cable outer jacket sheathing shall be removed from the point that the conductor reaches the front left of the cabinet to the ends of the conductors. All push button conductors in the cabinets shall be uniform in length, with sufficient slack to reach any terminal on the TS3 terminal strip. Individual wire slack shall be neatly looped back and tied.

Field wiring of the cabinet shall be done by City of Tacoma Signal Electricians after all wiring has been pulled into the cabinet and properly labeled with a temporary label consisting of white electricians tape with permanent marker. The Contractor shall provide a detailed description/key of all temporary labeling. The cabinet and labeling shall be inspected by the Signal/Streetlight inspector prior to cabinet wiring. The Contractor shall allow five working days for City Electricians to field wire the cabinet after the inspection is complete. Improper or incorrect labeling requiring additional effort by the City may result in additional time required by City forces to wire the cabinet.

*The fifth paragraph is revised to read:*

Splices and taps on underground and overhead circuits shall be made with solderless crimp connectors, installed with an approved tool designed for the purpose, to securely join the wires both mechanically and electrically. Splices and taps will be sealed in accordance with this section.

*The seventh paragraph is revised to read:*

Aerial illumination splices shall be taped with thermoplastic electrical insulating tape equivalent to the original wire insulation rating and thickness. It shall be well lapped over the original insulation.

*The eighth paragraph is revised to read:*

All splices in junction boxes and handholes shall be taped and sealed with an electrical coating. Tape splice insulation shall consist of thermoplastic electrical insulating tape equivalent to the original wire insulation rating and thickness. It shall be well lapped over the original insulation and moisture resistant electrical coating shall be applied and allowed to dry. Two layers of thermoplastic tape will then be applied, followed by a second layer of moisture resistant electrical coating.

*The ninth paragraph is revised to read:*

Illumination cable in light standards shall be #10 AWG USE or "Pole and Bracket" cable, as specified in Section 9-29.3(2)D of the Standard Specifications.

*The tenth paragraph is revised to read:*

Fifteen (15) feet of slack cable shall be provided at the controller end of all cables terminating in the controller cabinet. A minimum of three (3) feet of slack cable shall be left at all strain poles and junction boxes.

#### **8-20.3(10) Service, Transformer, and Intelligent Transportation System (ITS) Cabinets**

*The second, third, and fifth paragraphs are deleted.*

#### **8-20.3(14)C Induction Loop Vehicle Detectors**

*Subsections 2, 4, 9, and 10 are deleted.*

*Section 8-20.3(14) is supplemented with the following new section:*

#### **8-20.3(14)F Thermal, Microwave, and LED Optical Vehicle Detection**

A representative from the City of Tacoma Signal and Streetlight operations shop shall be on site during all work within the signal cabinet. The Contractor shall notify the Engineer two working days in advance of work within the cabinet.

The Contractor shall install and test the detection system in accordance with the manufacturer's recommendations and these special provisions. Detection units shall be mounted and all cabling shall be in accordance with the manufacture's recommendations. The installation shall include all field equipment as well as all equipment required in the controller cabinet.

Detection unit locations as shown on the plans are approximate. Detection units shall be mounted at a sufficient height to prevent occlusion from cross traffic. Detection units shall be field adjusted as directed by the Engineer and equipment manufacturer for maximum coverage. A factory-certified representative of the equipment manufacturer shall inspect and provide a

1 written verification that the installation has been performed in accordance with the  
2 manufacturers requirements.

3  
4 The factory-certified representative of the equipment manufacturer shall supervise all testing of  
5 the equipment and shall provide written documentation showing acceptance of the testing and  
6 verification that the system is a complete, fully functional system.

7  
8 All equipment shall be warranted against manufacturing defects in materials and workmanship  
9 for a period of 3 years from the date of signal turn-on.

#### 10 11 **8-20.3(17)B “As Built” Plans**

12 *This section is supplemented with the following:*

13  
14 These drawings shall show the routing of all underground conduits. The locations of the conduit  
15 shall be dimensioned with a precision and accuracy of 1 foot.

#### 16 17 **8-20.4 Measurement**

18 *This section is revised to read:*

19  
20 Junction Boxes will be measured per each replaced junction box regardless of the type  
21 specified for use, unless the junction box is included in an illumination system, signal system,  
22 intelligent transportation system, or other type of electrical system lump sum bid.

#### 23 24 **8-20.5 Payment**

25 *This section is supplemented with the following:*

26  
27 “Remove and Replace Junction Box”, per each.

28  
29 The unit Contract price per each for “Remove and Relocate Junction Box” shall be full pay for all  
30 work to remove the existing junction box, replacing or new placement of the junction box with  
31 the specified type and removed as shown in the Plans or as directed by the Engineer. The  
32 Contractor shall be responsible to confirm the type of Junction Box to be used and shall replace  
33 the Junction Box in-kind to the existing Junction Box. The costs for this work shall include all  
34 handling, hauling, disposing, furnishing, excavation, and placing the junction box. Any work to  
35 restore facilities, such as but not limited to, providing conduit, rerouting conduit, pulling wire,  
36 reconnecting the system and testing the system as directed by the Engineer shall be included in  
37 this bid item.

38  
39  
40 **END OF SECTION**  
41



1 **8-22 PAVEMENT MARKING**  
2 **(April 1, 2018 Tacoma GSP)**  
3

4 **8-22.1 Description**

5 *This section is supplemented with the following:*  
6

7 **Sharrow Pavement Marking**

8 Sharrow pavement marking shall be provided at locations identified in the plans. Refer to City  
9 of Tacoma Standard Plan CH-11 and/or other details specified within these plans and  
10 specifications. The product shall be a durable, color stable, non-slip surface.  
11

12 **8-22.2 Materials**

13 *This section is supplemented with the following:*  
14

15 All legends and arrows including "Plastic Arrow", "Plastic Sharrow Symbol", and "Plastic Letter"  
16 markings shall be a Preformed retro-reflective thermoplastic pavement marking material  
17 incorporating a pre-applied bead coating that can be adhered to asphalt, concrete and Portland  
18 Cement Concrete pavements by means of heat fusion. All "Plastic Chevron", "Plastic Crosswalk  
19 Line", and "Plastic Stop Line" shall be hot applied thermoplastic. The applied markings shall be  
20 very durable, oil and grease impervious, and provide immediate and continuing retro-reflectivity  
21 meeting the requirements of Section 9-34.3(2).  
22

23 Materials used for curb paint shall be the same as for pavement marking paint per Section 9-  
24 34.2.  
25

26 **8-22.3 Construction Requirements**  
27

28 **8-22.3(3)E Installation**

29 *This section is supplemented with the following for applying Type B material:*  
30

31 **Effective Performance Life:** When properly applied, in accordance with manufacturer's  
32 instructions, the preformed marking materials shall be neat and durable. The markings shall  
33 remain skid resistant and show no lifting, shrinkage, tearing, roll back, or other signs of poor  
34 adhesion.  
35

36 **Packaging:** The flexible preformed marking material, for use as transverse or bike symbols as  
37 well as legends, shall be available in flat form material up to a maximum of 2 foot width by 4 foot  
38 length. The material shall be packed in suitable cartons clearly labeled for ease of identifying  
39 the contents. Packaging shall not use plastic liners within to separate material from itself.  
40 Product packaging shall identify part number and mil thickness.  
41

42 **Material Replacement Provisions:** Any properly applied preformed marking materials that  
43 shall smear or soften independent of pavement movement or condition within a period of one  
44 year from date of application shall be replaced by the supplier.  
45  
46

1 **Installation:** The preformed marking materials shall be applied in accordance with the  
2 manufacturer's recommendations on clean and dry surfaces. New Portland concrete cement  
3 surfaces must be sandblasted to entirely remove curing compound. Marking configuration shall  
4 be in accordance with the "Manual on Uniform Traffic Control Devices," where applicable.

5  
6 **New Surfaces:** Preformed marking materials specified for newly paved asphalt road surfaces  
7 shall be capable of being applied as the original permanent marking on the day the surface is  
8 paved.

9  
10 **Fusion:** The preformed marking materials shall be fusible to the pavement by means of a  
11 propane torch recommended by the manufacturer.

12  
13 **Technical Services:** The supplier shall provide technical services as may be required.

#### 14 15 **8-22.3(4) Tolerances for Lines**

16 *The allowable tolerance for "Length of Line" is revised to read:*

17  
18 **Length of Line:** The longitudinal accumulative error within a 32-foot length of skip stripe shall  
19 not exceed plus or minus 1 inch.

#### 20 21 **8-22.4 Measurement**

22 *The last sentence of the sixth paragraph is revised to read:*

23  
24 Crosswalk lines will be measured by the linear foot of marking installed.

25  
26 *This section is supplemented with the following:*

27  
28 Painted curb will be measured by the linear foot of curb line as "Painted Curb."

29  
30 Plastic Sharrow Symbols will be measured by each typical sharrow symbol installed.

#### 31 32 **8-22.5 Payment**

33 *This section is supplemented with the following:*

34  
35 "Painted Crosswalk Line", per linear foot.

36  
37 "Plastic Crosswalk Line", per linear foot.

38  
39 "Painted Curb", per linear foot.

40  
41 "Plastic Sharrow Symbol", per each.

42  
43  
44 **END OF SECTION**  
45

**9-03 AGGREGATES**  
**(September 20, 2018 Tacoma GSP)**

**9-03.1 Aggregates for Portland Cement Concrete**

**9-03.1(1) General Requirements**  
**(June 16, 2016 Tacoma GSP)**

*The seventh paragraph is deleted*

**9-03.6 Vacant**  
**(Jun 16, 2016 Tacoma GSP)**

*This section, including the title, is revised to read:*

**9-03.6 Aggregates for Asphalt Treated Base (ATB)**

**9-03.6(1) General Requirements**

Aggregates for asphalt treated base shall be manufactured from ledge rock, talus, or gravel, in accordance with the provisions of Section 3-01 that meet the following test requirements:

Los Angeles Wear, 500 Rev. 30% max.  
Degradation Factor 15 min.

**9-03.6(2) Grading**

Aggregates for asphalt treated base shall meet the following requirements for grading:

Sieve Size	Percent Passing
2"	100
1/2"	56-100
No. 4	32-72
No. 10	22-57
No. 40	8-32
No. 200	2.0-9.0

All percentages are by weight.

**9-03.6(3) Test Requirements**

When the aggregates are combined within the limits set forth in Section 9-03.6(2) and mixed in the laboratory with the designated grade of asphalt, the mixture shall be capable of meeting the following test values:

% of Theoretical Maximum Specific Gravity (GMM) (approximate) 93@ 100 gyrations  
AASHTO T324, WSDOT TM T718 or ASTM D3625 Pass  
(Acceptable anti-strip evaluation tests)

The sand equivalent value of the mineral aggregate for asphalt treated base (ATB) shall not be less than 35.

**9-03.8 Aggregates for Hot Mix Asphalt  
(March 9, 2016 APWA GSP)**

*Supplement section 9-03.8 with the following:*

**Aggregates for Porous Hot Mix Asphalt/Porous Warm Mix Asphalt (PHMA/PWMA)  
General Requirements**

Aggregates for Porous Hot Mix Asphalt (PHMA) or Porous Warm Mix Asphalt (PWMA) shall be manufactured from ledge rock, talus, or gravel, in accordance with the provisions of Section 3-01 that meet the following test requirements:

Los Angeles Wear, 500 Rev. 30% max.  
Degradation Factor 15 min.

**Grading**

Aggregates for PHMA/PWMA shall meet the following requirements for grading:

Sieve Size	Percent Passing*
¾" square	100
½" square	90 - 100
⅜" square	55 - 90
U.S. No. 4	10 - 40
U.S. No. 8	0 - 20
U.S. No. 40	0 - 13
U.S. No. 200	0 - 5

\* All percentages are by weight.

The aggregate for PHMA/PWMA shall consist of crushed stone with a percent fracture greater than 90% on two faces on the No. 4 sieve and above, and shall be tested in accordance with the field operating procedures for AASHTO T 335.

**9-03.12 Gravel Backfill**

*Add the following new Section:*

**9-03.12(10) Pea Gravel  
(September 20, 2018 Tacoma GSP)**

Sieve Size	Percent Passing*
¾" square	100
⅜" square	95-100
U.S. No. 8	0 - 10
U.S. No. 200	0 - 3

Sand Equivalent      35 Minimum

\* All percentages are by weight

### **9-03.21 Recycled Material**

#### **9-03.21(1) General Requirements**

**(Jun 16, 2016 Tacoma GSP)**

*This section is supplemented with the following:*

Recycled materials will only be permitted upon approval of the Engineer. Recycled concrete shall not be permitted for use as pipe zone backfill, backfill above pipe zone, and extra excavation area backfill material.

(January 9, 2023)

#### **Standard Plans**

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01, effective September 30, 2022, is made a part of this contract.

The Standard Plans are revised as follows:

A-10.30

RISER RING detail (Including SECTION view and RISER RING DIMENSIONS table):

The RISER RING detail is deleted from the plan.

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

B-90.40

Valve Detail – DELETED

C-8

DELETED

C-8A

DELETED

C-20-42

Plan View (Case 22A-31), callout, was; "BEAM GUARDRAIL ANCHOR TYPE 10 PAY LIMIT" is revised to read; "BEAM GUARDRAIL ANCHOR TYPE 11 PAY LIMIT"

C-23.60

DELETED

C-23.70 32 Sheet 1, Detail A, callout, was – "EIGHT 5/8" x 1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)" is revised to read: "EIGHT 5/8" x 1-1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)".

1	Sheet 2, ANCHOR RAIL ELEMENT DETAIL and associated Enlarged Detail, 3/4"
2	Diameter hole pattern (8 holes), callout, "3/4" DIAMETER HOLE (TYP.)" is revised to
3	read: "29/32" x 1 1/8" (IN) SLOT (TYP.)"
4	
5	D-2.04
6	DELETED
7	
8	D-2.06
9	DELETED
10	
11	D-2.08
12	DELETED
13	D-2.32
14	DELETED
15	
16	D-2.34
17	DELETED
18	
19	D-2.60
20	DELETED
21	
22	D-2.62
23	DELETED
24	
25	D-2.64
26	DELETED
27	
28	D-2.66
29	DELETED
30	
31	D-2.68
32	DELETED
33	
34	D-2.80
35	DELETED
36	
37	D-2.88
38	DELETED
39	
40	D-3.15
41	DELETED
42	
43	D-3.16
44	DELETED
45	
46	D-3.17
47	DELETED

1  
2 D-3.10

3 Sheet 1, Typical Section, callout – “FOR WALLS WITH SINGLE SLOPE TRAFFIC  
4 BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-  
5 3.15” is revised to read; “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER, SEE  
6 CONTRACT PLANS”

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

11  
12 D-3.11

13 Sheet 1, Typical Section, callout – “B” BRIDGE APPROACH SLAB (SEE BRIDGE  
14 PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD  
15 PLANS

16 D-3.15 OR D-3.16” is revised to read; “B” BRIDGE APPROACH SLAB OR MOMENT  
17 SLAB (SEE CONTRACT PLANS)

18 Sheet 1, Typical Section, callout – “TYPICAL BARRIER ON BRIDGE APPROACH SLAB  
19 (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE  
20 STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “TYPICAL BARRIER ON  
21 BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)  
22

23 D-10.10

24 Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with  
25 traffic barriers attached on top of the wall are considered non-standard and shall be  
26 designed in accordance with the current WSDOT Bridge Design Manual (BDM) and the  
27 revisions stated in the 11/3/15 Bridge Design memorandum.  
28

29 D-10.15

30 Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with  
31 traffic barriers attached on top of the wall are considered non-standard and shall be  
32 designed in accordance with the current WSDOT BDM and the revisions stated in the  
33 11/3/15 Bridge Design memorandum.  
34

35 D-10.30

36 Wall Type 5 may be used in all cases.  
37

38 D-10.35

39 Wall Type 6 may be used in all cases.  
40

41 D-10.40

42 Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with  
43 traffic barriers attached on top of the wall are considered non-standard and shall be  
44 designed in accordance with the current WSDOT BDM and the revisions stated in the  
45 11/3/15 Bridge Design memorandum.  
46

47 D-10.45

1 Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with  
2 traffic barriers attached on top of the wall are considered non-standard and shall be  
3 designed in accordance with the current WSDOT BDM and the revisions stated in the  
4 revisions stated in the 11/3/15 Bridge Design memorandum.

5  
6 D-15.10

7 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"  
8 are withdrawn. Special designs in accordance with the current WSDOT BDM are  
9 required in place of these STD Plans.

10  
11 D-15.20

12 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"  
13 are withdrawn. Special designs in accordance with the current WSDOT BDM are  
14 required in place of these STD Plans.

15  
16 D-15.30

17 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"  
18 are withdrawn. Special designs in accordance with the current WSDOT BDM are  
19 required in place of these STD Plans.

20  
21 F-10.18

22 Note 2, "Region Traffic engineer approval is needed to install a truck apron lower than  
23 3'." - DELETED

24  
25 J-10.10

26 Sheet 4 of 6, "Foundation Size Reference Table", PAD WIDTH column, Type 33xD=6' –  
27 3" is revised to read: 7' – 3". Type 342LX / NEMA P44=5' – 10" is revised to read: 6' –  
28 10"

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

34  
35 J-10.16

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

37  
38 J-10.17

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

40  
41 J-10.18

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

43  
44 J-20.10

45 Elevation View, horizontal dimension to edge of sidewalk 10" (IN) OR LESS  
46 DESIRABLE ~ 18" (IN) MAXIMUM is revised to read: "10" (IN) MAXIMUM"  
47



J-20.26

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

J-20.16

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

J-21.10

Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – "ANCHOR BOLTS ~  $\frac{3}{4}$ " (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO READ: "ANCHOR BOLTS ~  $\frac{3}{4}$ " (IN) x 30" (IN) FULL THREAD ~ FOUR REQ'D. PER ASSEMBLY"

Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR.. Delete "(TYP.)" from the 2  $\frac{1}{2}$ " CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2  $\frac{1}{2}$ " CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2  $\frac{1}{2}$ " CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2  $\frac{1}{2}$ " CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Detail F, callout, "Heavy Hex Clamping Bolt (TYP.) ~  $\frac{3}{4}$ " (IN) Diam. Torque Clamping Bolts (see Note 3)" is revised to read; "Heavy Hex Clamping Bolt (TYP.) ~  $\frac{3}{4}$ " (IN) Diam. Torque Clamping Bolts (see Note 1)"

Detail F, callout, " $\frac{3}{4}$ " (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Four Required (See Note 4)" is revised to read; " $\frac{3}{4}$ " (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Three Required (See Note 2)"

J-21.15

Partial View, callout, was – LOCK NIPPLE ~ 1  $\frac{1}{2}$ " DIAM., is revised to read; CHASE NIPPLE ~ 1  $\frac{1}{2}$ " (IN) DIAM.

J-21.16

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

J-22.15

Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"

(2x) Detail A, callout, was – LOCK NIPPLE ~ 1  $\frac{1}{2}$ " DIAM. is revised to read; CHASE NIPPLE ~ 1  $\frac{1}{2}$ " (IN) DIAM.

J-40.10

Sheet 2 of 2, Detail F, callout, "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT WASHER" is revised to read; "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 1/2" (IN) S. S. FLAT WASHER"

J-40.36

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

J-40.37

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

J-75.20

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

J-75.41

DELETED

J-75.55

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

K-80.20

DELETED

L-5.10

Sheet 2, Typical Elevation, callout - "2' – 0" MIN. LAP SPLICE BETWEEN (mark) A #3 BAR AND WALL REINFORCEMENT ~ TYPICAL" is revised to read: "2' – 0" MIN. LAP SPLICE BETWEEN (MARK) A #4 BAR AND WALL REINFORCEMENT ~ TYPICAL" Section C, callout; "(mark) A #3" is revised to read: "(mark) A #4", callout - "(mark) B #3" is revised to read: "(mark) B #4", callout - "(mark) C #3 TIE" is revised to read: "(mark) C #4 TIE" Reinforcing Steel Bending Diagram, (mark) B detail, callout – "128 deg." is revised to read: "123 deg.", callout – "51 deg." is revised to read: "57 deg."

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00	8/7/07	A-30.35-00	10/12/07	A-50.10-01	8/17/21
A-10.20-00	10/5/07	A-40.00-01	7/6/22	A-50.40-01	8/17/21
A-10.30-00	10/5/07	A-40.10-04	7/31/19	A-60.10-03	12/23/14

1	A-20.10-00	8/31/07	A-40.15-00	8/11/09	A-60.20-03	12/23/14
2	A-30.10-00	11/8/07	A-40.20-04	1/18/17	A-60.30-01	6/28/18
3	A-30.30-01	6/16/11	A-40.50-02	12/23/14	A-60.40-00	8/31/07
4						
5	B-5.20-03	9/9/20	B-30.50-03	2/27/18	B-75.20-03	8/17/21
6	B-5.40-02	1/26/17	B-30.60-00	9/9/20	B-75.50-02	3/15/22
7	B-5.60-02	1/26/17	B-30.70-04	2/27/18	B-75.60-00	6/8/06
8	B-10.20-02	3/2/18	B-30.80-01	2/27/18	B-80.20-00	6/8/06
9	B-10.40-02	8/17/21	B-30.90-02	1/26/17	B-80.40-00	6/1/06
10	B-10.70-02	8/17/21	B-35.20-00	6/8/06	B-85.10-01	6/10/08
11	B-15.20-01	2/7/12	B-35.40-00	6/8/06	B-85.20-00	6/1/06
12	B-15.40-01	2/7/12	B-40.20-00	6/1/06	B-85.30-00	6/1/06
13	B-15.60-02	1/26/17	B-40.40-02	1/26/17	B-85.40-00	6/8/06
14	B-20.20-02	3/16/12	B-45.20-01	7/11/17	B-85.50-01	6/10/08
15	B-20.40-04	2/27/18	B-45.40-01	7/21/17	B-90.10-00	6/8/06
16	B-20.60-03	3/15/12	B-50.20-00	6/1/06	B-90.20-00	6/8/06
17	B-25.20-02	2/27/18	B-55.20-03	8/17/21	B-90.30-00	6/8/06
18	B-25.60-02	2/27/18	B-60.20-02	9/9/20	B-90.40-01	1/26/17
19	B-30.05-00	9/9/20	B-60.40-01	2/27/18	B-90.50-00	6/8/06
20	B-30.10-03	2/27/18	B-65.20-01	4/26/12	B-95.20-02	8/17/21
21	B-30.15-00	2/27/18	B-65.40-00	6/1/06	B-95.40-01	6/28/18
22	B-30.20-04	2/27/18	B-70.20-01	3/15/22		
23	B-30.30-03	2/27/18	B-70.60-01	1/26/17		
24	B-30.40-03	2/27/18				
25						
26	C-1.	9/8/22	C-22.40-09	9/8/22	C-60.70-01	9/8/22
27	C-1b	9/8/22	C-22.45-06	9/8/22	C-60.80-01	9/8/22
28	C-1d	10/31/03	C-23.70-00	8/22/22	C-70.15-00	8/17/21
29	C-2c.	8/12/19	C-24.10-03	7/24/22	C-70.10-03	8/20/21
30	C-4f.	8/12/19	C-24.15-00	3/15/22	C-75.10-02	9/16/20
31	C-6a	9/8/22	C-25.20-07	8/20/21	C-75.20-03	8/20/21
32	C-7.	9/8/22	C-25.22-06	8/20/21	C-75.30-03	8/20/21
33	C-7a	9/8/22	C-25.26-05	8/20/21	C-80.10-02	9/16/20
34	C-20.10-08	9/8/22	C-25.30-01	8/20/21	C-80.20-01	6/11/14
35	C-20.14-05	9/8/22	C-25.80-05	8/12/19	C-80.30-02	8/20/21
36	C-20.15-02	6/11/14	C-60.10-02	9/8/22	C-80.40-01	6/11/14
37	C-20.18-04	9/8/22	C-60.15-00	8/17/21	C-85.10-00	4/8/12
38	C-20.40-09	9/8/22	C-60.20-01	9/8/22	C-85.11-01	9/16/20
39	C-20.41-04	8/22/22	C-60.30-01	8/17/21	C-85.15-02	8/27/21
40	C-20.42-05	7/14/15	C-60.40-00	8/17/21	C-85-18-03	9/8/22
41	C-20.43-00	8/22/22	C-60.45-00	8/17/21		
42	C-20.45.03	9/8/22	C-60.50-00	8/17/21		
43	C-22.16-07	9/16/20	C-60.60-00	8/17/21		
44						
45	D-2.36-03	6/11/14	D-4.	12/11/98	D-10.35-00	7/8/08
46	D-2.46-02	8/13/21	D-6.	6/19/98	D-10.40-01	12/2/08
47	D-2.84-00	11/10/05	D-10.10-01	12/2/08	D-10.45-01	12/2/08

1	D-2.92-01	4/26/22	D-10.15-01	12/2/08		
2	D-3.09-00	5/17/12	D-10.20-01	8/7/19		
3	D-3.10-01	5/29/13	D-10.25-01	8/7/19		
4	D-3.11-03	6/11/14	D-10.30-00	7/8/08		
5						
6	E-1.	2/21/07	E-4.	8/27/03		
7	E-2.	5/29/98	E-4a	8/27/03		
8						
9	F-10.12-04	9/24/20	F-10.62-02	4/22/14	F-40.15-04	9/25/20
10	F-10.16-00	12/20/06	F-10.64-03	4/22/14	F-40.16-03	6/29/16
11	F-10.18-03	3/28/22	F-30.10-04	9/25/20	F-45.10-03	8/13/21
12	F-10.40-04	9/24/20	F-40.12-03	6/29/16	F-80.10-04	7/15/16
13	F-10.42-00	1/23/07	F-40.14-03	6/29/16		
14						
15	G-10.10-00	9/20/07	G-26.10-00	7/31/19		
16	G-20.10-03	8/20/21	G-30.10-04	6/23/15		
17	G-22.10-04	6/28/18	G-50.10-03	6/28/18		
18	G-24.10-00	11/8/07	G-90.10-03	7/11/17		
19	G-24.20-01	2/7/12	G-90.20-05	7/11/17		
20	G-24.30-02	6/28/18	G-90.30-04	7/11/17		
21	G-24.40-07	6/28/18	G-95.10-02	6/28/18		
22	G-24.50-05	8/7/19	G-95.20-03	6/28/18		
23	G-24.60-05	6/28/18	G-95.30-03	6/28/18		
24	G-25.10-05	9/16/20				
25						
26	H-10.10-00	7/3/08	H-32.10-00	9/20/07	H-70.10-02	8/17/21
27	H-10.15-00	7/3/08	H-60.10-01	7/3/08	H-70.20-02	8/17/21
28	H-30.10-00	10/12/07	H-60.20-01	7/3/08		
29						
30	I-10.10-01	8/11/09	I-30.20-00	9/20/07	I-40.20-00	9/20/07
31	I-30.10-02	3/22/13	I-30.30-02	6/12/19	I-50.20-02	7/6/22
32	I-30.15-02	3/22/13	I-30.40-02	6/12/19	I-60.10-01	6/10/13
33	I-30.16-01	7/11/19	I-30.60-02	6/12/19	I-60.20-01	6/10/13
34	I-30.17-01	6/12/19	I-40.10-00	9/20/07	I-80.10-02	7/15/16
35						
36	J-05.50-00	8/30/22	J-28.10-02	8/7/19	J-50.25-00	6/3/11
37	J-10	7/18/97	J-28.22-00	8/07/07	J-50.30-00	6/3/11
38	J-10.10-04	9/16/20	J-28.24-02	9/16/20	J-60.05-01	7/21/16
39	J-10.12-00	9/16/20	J-28.26-01	12/02/08	J-60.11-00	5/20/13
40	J-10.14-00	9/16/20	J-28.30-03	6/11/14	J-60.12-00	5/20/13
41	J-10.15-01	6/11/14	J-28.40-02	6/11/14	J-60.13-00	6/16/10
42	J-10.16-02	8/18/21	J-28.42-01	6/11/14	J-60.14-01	7/31/19
43	J-10.17-02	8/18/21	J-28.43-01	6/28/18	J-75.10-02	7/10/15
44	J-10.18-02	8/18/21	J-28.45-03	7/21/16	J-75.20-01	7/10/15
45	J-10.20-04	8/18/21	J-28.50-03	7/21/16	J-75.30-02	7/10/15
46	J-10.21-02	8/18/21	J-28.60-03	8/27/21	J-75.50-00	8/30/22
47	J-10.22-02	8/18/21	J-28.70-04	8/30/22	J-75.55-00	8/30/22

1	J-10.25-00	7/11/17	J-29.10-02	8/26/22	J-80.05-00	8/30/22
2	J-10.26-00	8/30/22	J-29.15-01	7/21/16	J-80.10-01	8/18/21
3	J-12.15-00	6/28/18	J-29.16-02	7/21/16	J-80.12-00	8/18/21
4	J-12.16-00	6/28/18	J-30.10-01	8/26/22	J-80.15-00	6/28/18
5	J-15.10-01	6/11/14	J-40.01-00	8/30/22	J-81.10-02	8/18/21
6	J-15.15-02	7/10/15	J-40.05-00	7/21/16	J-81.12-00	9/3/21
7	J-20.01-00	8/30/22	J-40.10-04	4/28/16	J-84.05-00	8/30/22
8	J-20.10-04	7/31/19	J-40.20-03	4/28/16	J-86.10-00	6/28/18
9	J-20.11-03	7/31/19	J-40.30-04	4/28/16	J-90.10-03	6/28/18
10						
11	J-20.15-03	6/30/14	J-40.35-01	5/29/13	J-90.20-03	6/28/18
12	J-20.16-02	6/30/14	J-40.36-02	7/21/17	J-90.21-02	6/28/18
13	J-20.20-02	5/20/13	J-40.37-02	7/21/17	J-90.50-00	6/28/18
14	J-20.26-01	7/12/12	J-40.38-01	5/20/13		
15	J-21.10-04	6/30/14	J-40.39-00	5/20/13		
16	J-21.15-01	6/10/13	J-40.40-02	7/31/19		
17	J-21.16-01	6/10/13	J-45.36-00	7/21/17		
18	J-21.17-01	6/10/13	J-50.05-00	7/21/17		
19	J-21.20-01	6/10/13	J-50.10-01	7/31/19		
20	J-22.15-02	7/10/15	J-50.11-02	7/31/19		
21	J-22.16-03	7/10/15	J-50.12-02	8/7/19		
22	J-26.10-03	7/21/16	J-50.13-01	8/30/22		
23	J-26.15-01	5/17/12	J-50.15-01	7/21/17		
24	J-26.20-01	6/28/18	J-50.16-01	3/22/13		
25	J-27.10-01	7/21/16	J-50.18-00	8/7/19		
26	J-27.15-00	3/15/12	J-50.19-00	8/7/19		
27	J-28.01-00	8/30/22	J-50.20-00	6/3/11		
28						
29	K-70.20-01	6/1/16	K-80.32-00	8/17/21	K-80.35-01	9/16/20
30	K-80.10-02	9/25/20	K-80.34-00	8/17/21	K-80.37-01	9/16/20
31						
32	L-5.10-00	9/19/22	L-20.10-03	7/14/15	L-40.20-02	6/21/12
33	L-5.15-00	9/19/22	L-30.10-02	6/11/14	L-70.10-01	5/21/08
34	L-10.10-02	6/21/12	L-40.15-01	6/16/11	L-70.20-01	5/21/08
35						
36	M-1.20-04	9/25/20	M-11.10-04	8/2/22	M-40.20-00	10/12/07
37	M-1.40-03	9/25/20	M-12.10-03	8/2/22	M-40.30-01	7/11/17
38	M-1.60-03	9/25/20	M-15.10-01	2/6/07	M-40.40-00	9/20/07
39	M-1.80-03	6/3/11	M-17.10-02	7/3/08	M-40.50-00	9/20/07
40	M-2.20-03	7/10/15	M-20.10-04	8/2/22	M-40.60-00	9/20/07
41	M-2.21-00	7/10/15	M-20.20-02	4/20/15	M-60.10-01	6/3/11
42	M-3.10-04	9/25/20	M-20.30-04	2/29/16	M-60.20-03	8/17/21
43	M-3.20-04	8/2/22	M-20.40-03	6/24/14	M-65.10-03	8/17/21
44	M-3.30-04	9/25/20	M-20.50-02	6/3/11	M-80.10-01	6/3/11
45	M-3.40-04	9/25/20	M-24.20-02	4/20/15	M-80.20-00	6/10/08
46	M-3.50-03	9/25/20	M-24.40-02	4/20/15	M-80.30-00	6/10/08
47	M-5.10-03	9/25/20	M-24.60-04	6/24/14		

1	M-7.50-01	1/30/07	M-24.65-00	7/11/17
2	M-9.50-02	6/24/14	M-24.66-00	7/11/17
3	M-9.60-00	2/10/09	M-40.10-03	6/24/14

**END OF SECTION**

**END OF SPECIAL PROVISIONS**

**APPENDIX A**

**CITY OF TACOMA**

**and**

**WSDOT STANDARD PLANS**

**\*\*\* Note Standard plans and websites provided below are for contractor convenience. Additional standard plans may be required to construct the project. \*\*\***

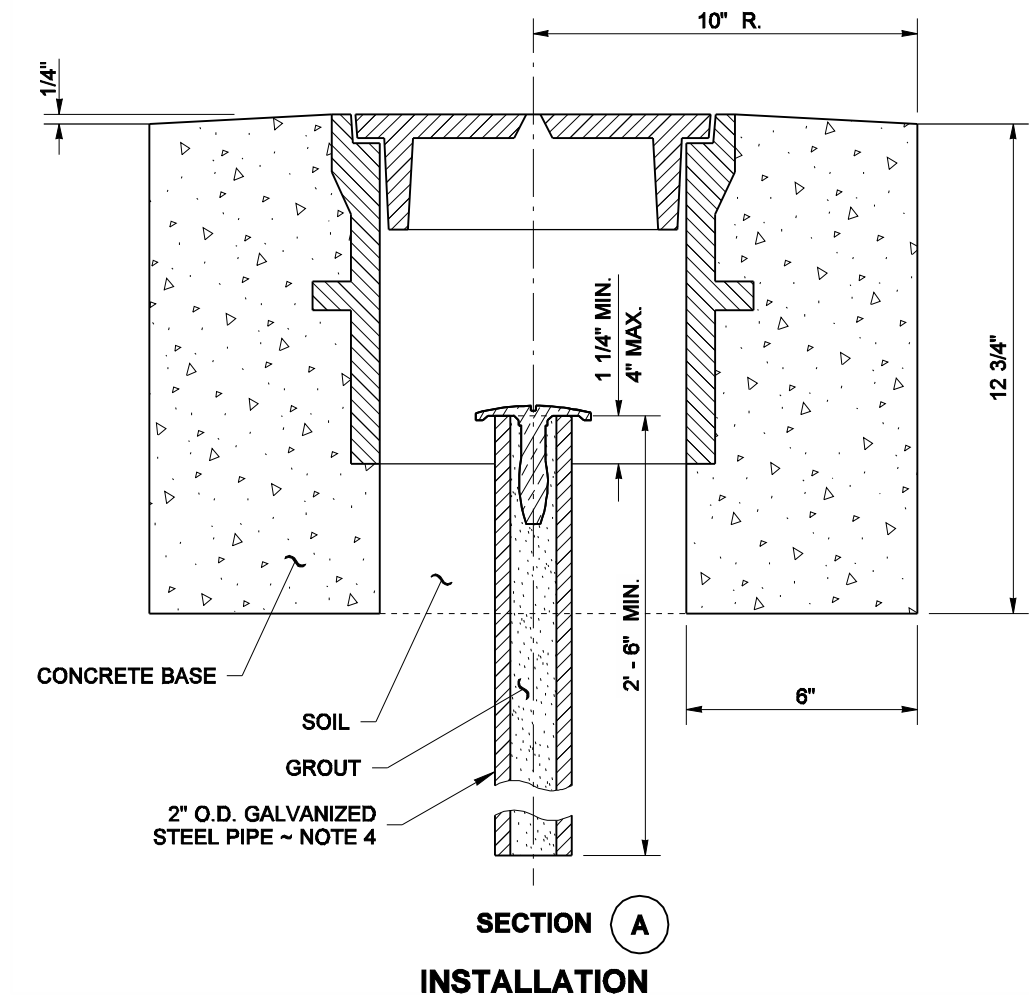
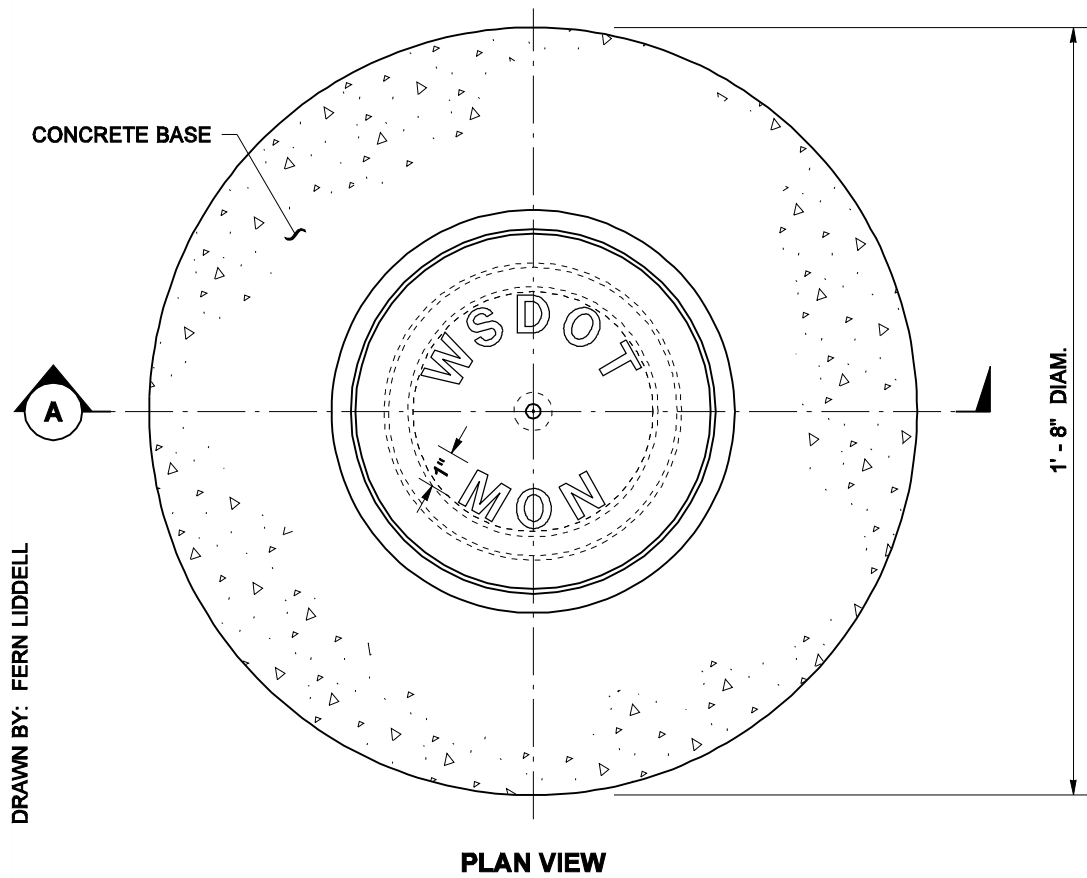
**COT Standard Plans Website:**

**[https://www.cityoftacoma.org/government/city\\_departments/public\\_works/engineering/standard\\_plans\\_and\\_q\\_i\\_s\\_typical\\_details](https://www.cityoftacoma.org/government/city_departments/public_works/engineering/standard_plans_and_q_i_s_typical_details)**

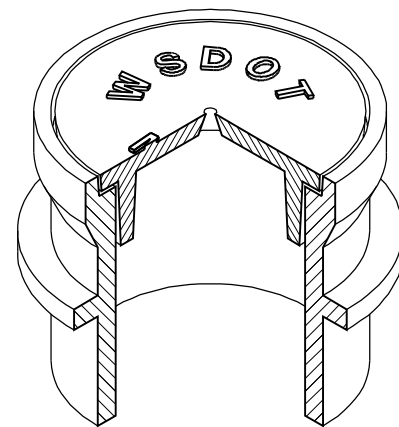
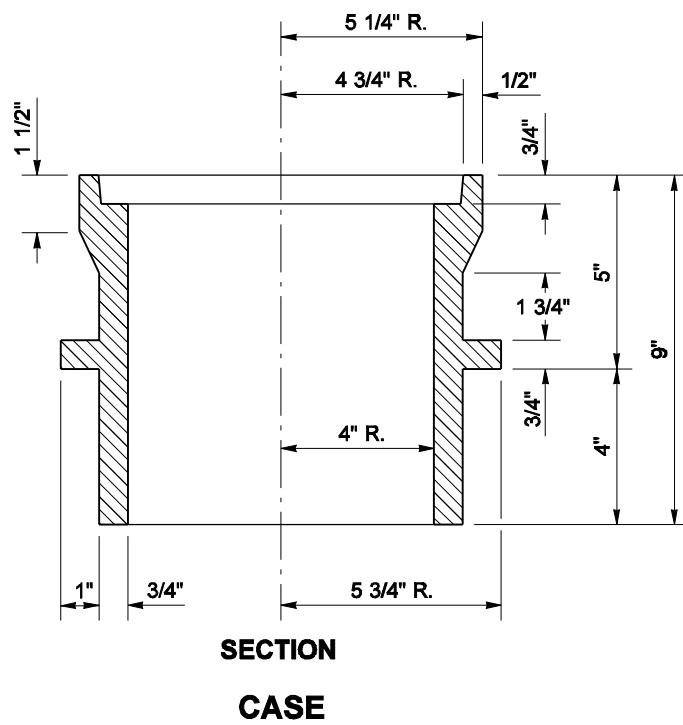
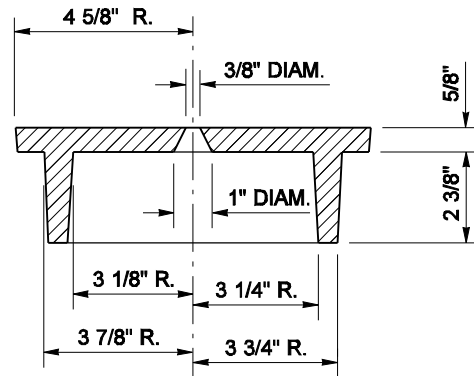
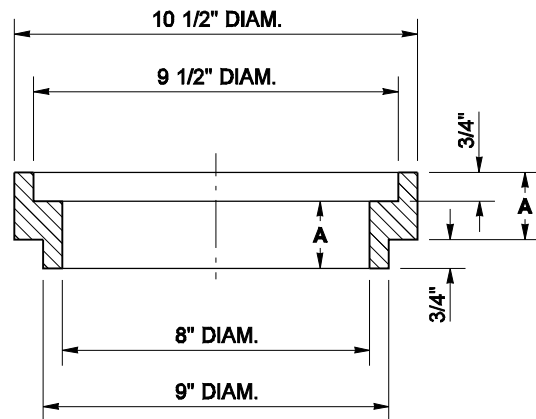
**WSDOT Standard Plans Website:**

**<https://wsdot.wa.gov/engineering-standards/all-manuals-and-standards/standard-plans>**

DRAWN BY: FERN LIDDELL



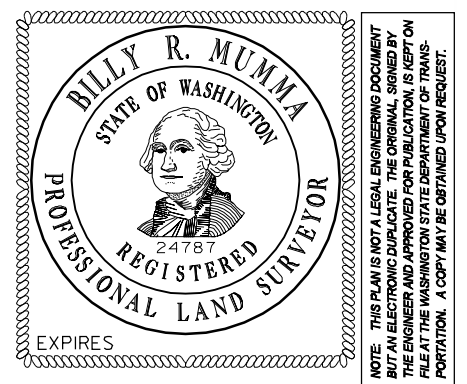
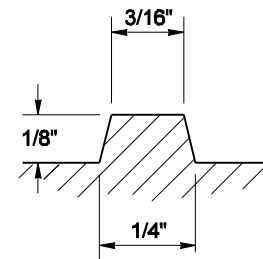
RISER RING DIMENSIONS			
A (SIZE)	1 1/2"	2"	3"



## NOTES

1. Dimensions may vary according to manufacturer.
2. Base to be placed on a well compacted foundation.
3. Monument case to be installed by contractor.
4. See Standard Plan A-10.20 for Monument (brass disc) type to place in 2" O.D. galvanized pipe.

APPROXIMATE WEIGHTS	
CASE	60 LBS
COVER	19 LBS
TOTAL	79 LBS



## MONUMENT CASE AND COVER

### STANDARD PLAN A-10.30-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 10-05-07

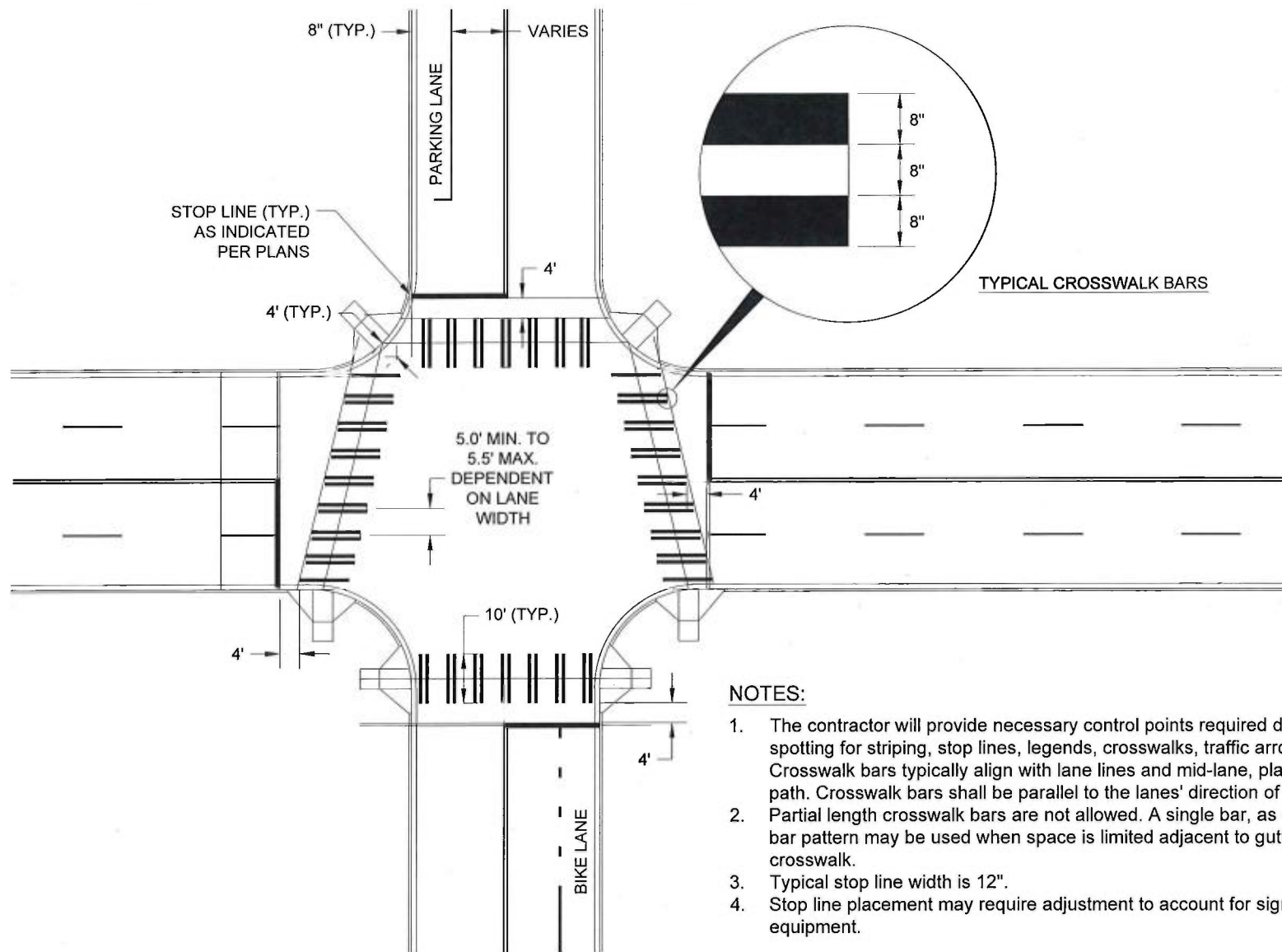
STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation





**NOTES:**

1. The contractor will provide necessary control points required during preliminary spotting for striping, stop lines, legends, crosswalks, traffic arrows, and signs. Crosswalk bars typically align with lane lines and mid-lane, placed to avoid wheel path. Crosswalk bars shall be parallel to the lanes' direction of travel.
2. Partial length crosswalk bars are not allowed. A single bar, as opposed to the double bar pattern may be used when space is limited adjacent to gutter, curb or intersecting crosswalk.
3. Typical stop line width is 12".
4. Stop line placement may require adjustment to account for signal detection equipment.

DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

GMS

ENVIRONMENTAL  
SERVICES

NA

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

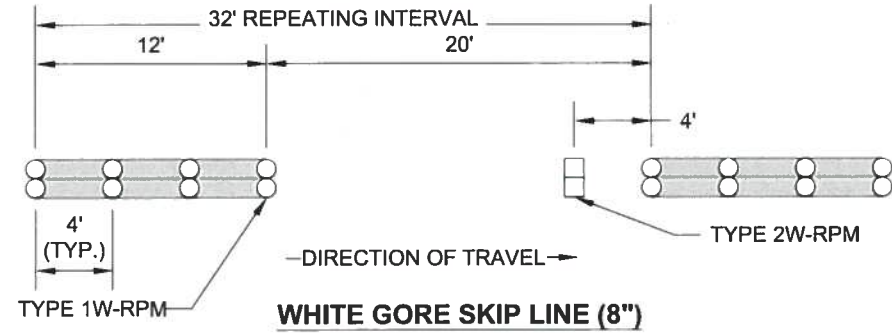
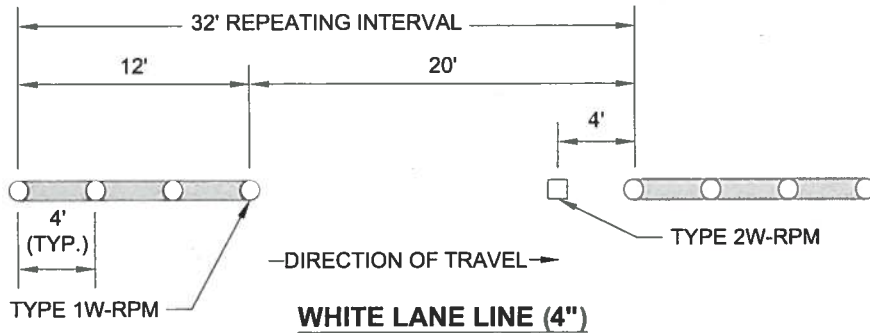
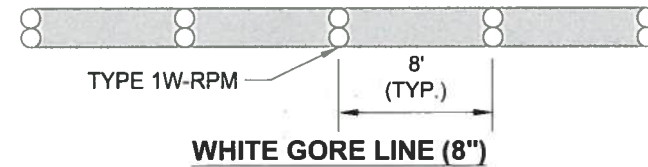
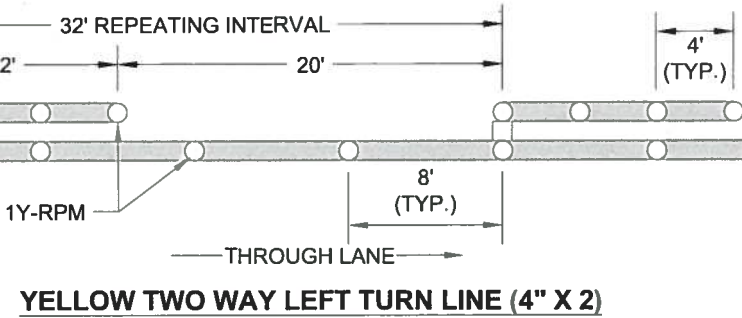
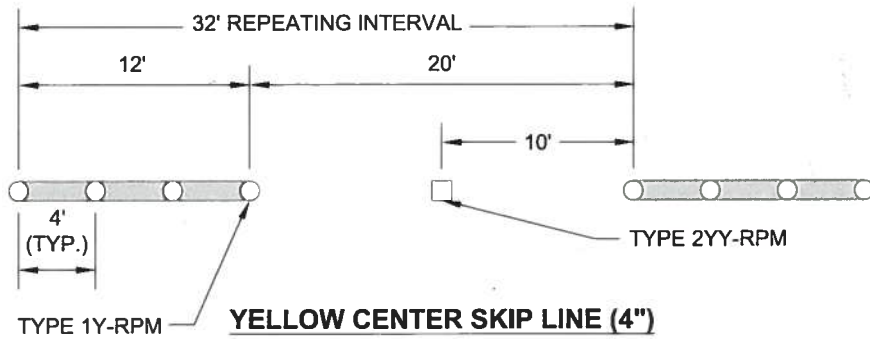
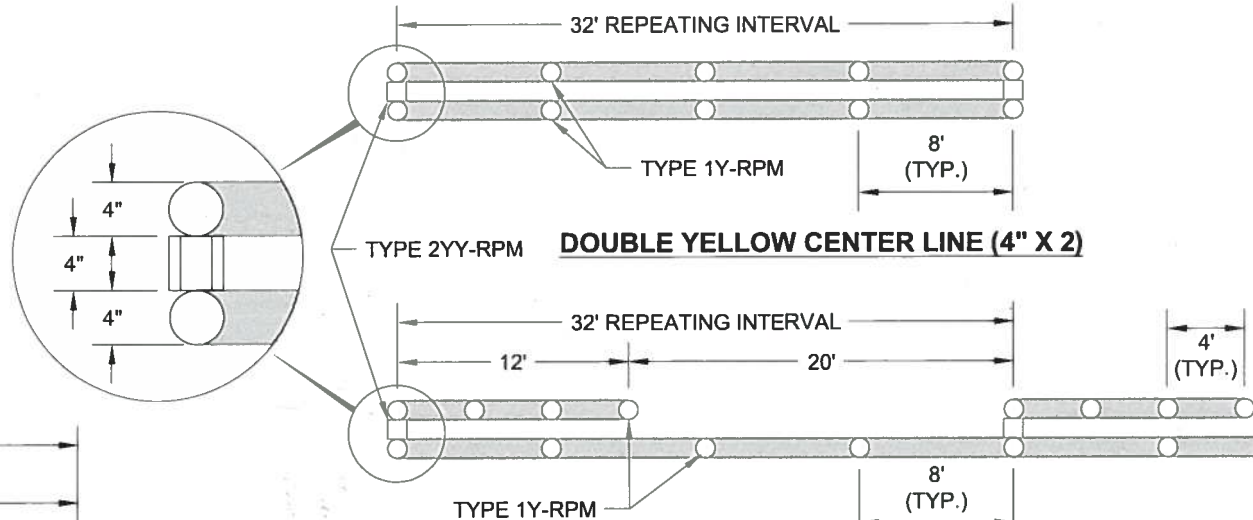
DATE

CITY OF TACOMA  
TYPICAL CROSSWALK AND  
STOP LINE LAYOUT FOR  
VARIOUS CURB RAMP COMBINATIONS

STANDARD PLAN NO. CH-02

# NOTES:

1. The Contractor will provide necessary control points for striping, stop lines, legends, crosswalks, traffic arrows, and signs. City inspection required before striping or associated sign installation begins.
2. Use of RPMs as shown correspond with paint striping. If striping consists of thermoplastic (or similar) then Type 1Y/W-RPMs are omitted.
3. RPMs shall not be placed over longitudinal or transverse joints of the pavement surface.



DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

ENVIRONMENTAL  
SERVICES

TACOMA WATER



APPROVED FOR PUBLICATION

CITY ENGINEER

DATE

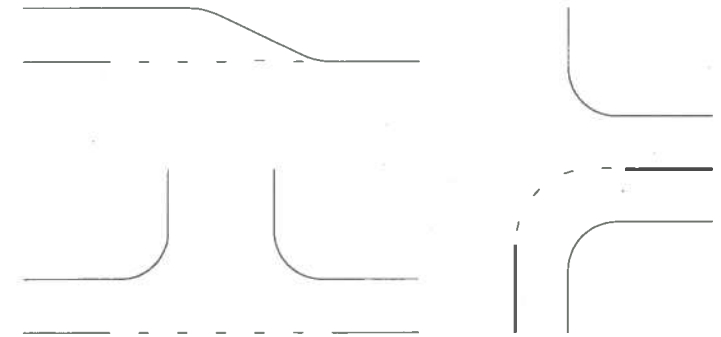
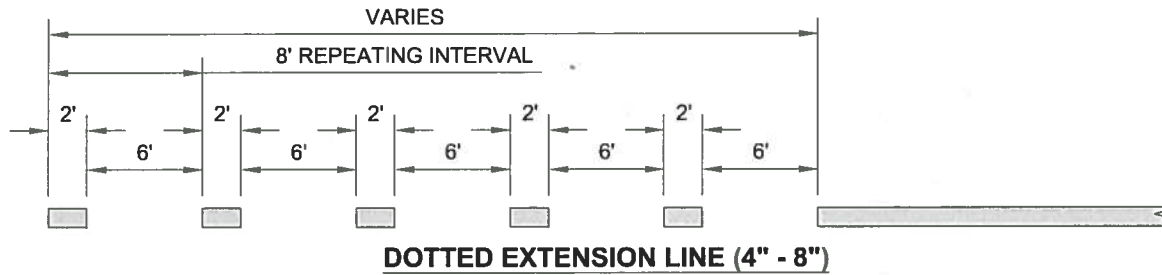
CITY OF TACOMA

LONGITUDINAL  
PAVEMENT MARKINGS

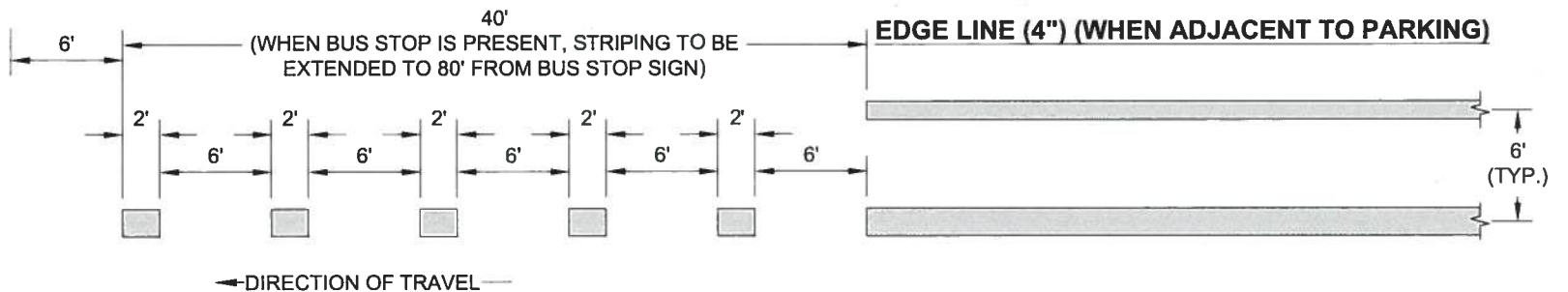
STANDARD PLAN NO. CH-03A

**NOTE:**

1. The Contractor will provide necessary control points for striping, stop lines, legends, crosswalks, traffic arrows, and signs. City inspection required before striping or associated sign installation begins.



EXAMPLE APPLICATIONS OF DOTTED EXTENSION LINE



**BIKE LANE LINE (6")**

DCS

REVIEWED BY

PUBLIC WORKS

ENVIRONMENTAL  
SERVICES

N/A

TACOMA POWER

NA

TACOMA WATER



APPROVED FOR PUBLICATION

CITY ENGINEER

DATE

CITY OF TACOMA

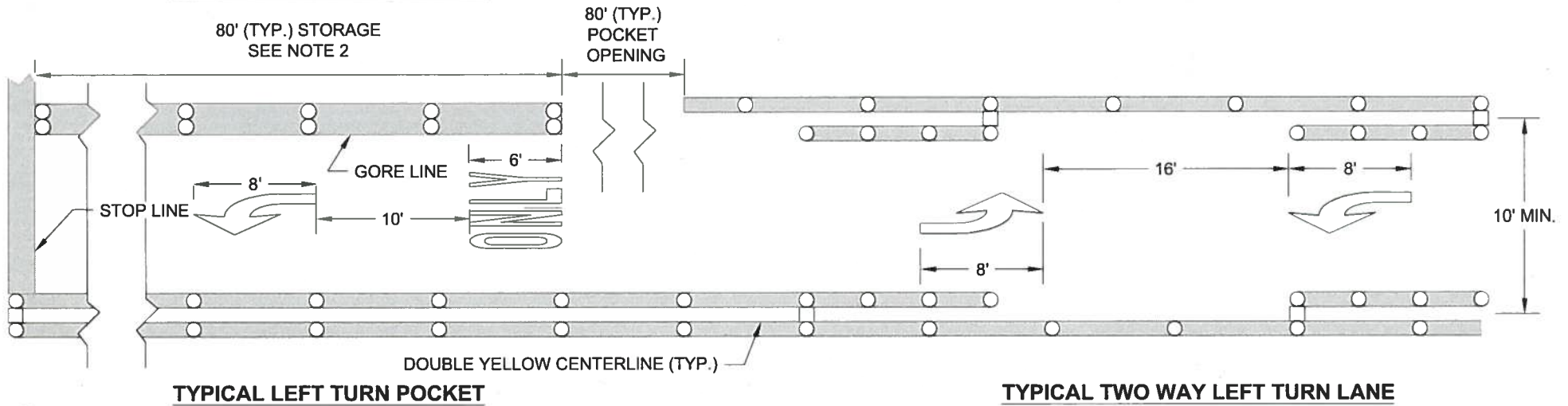
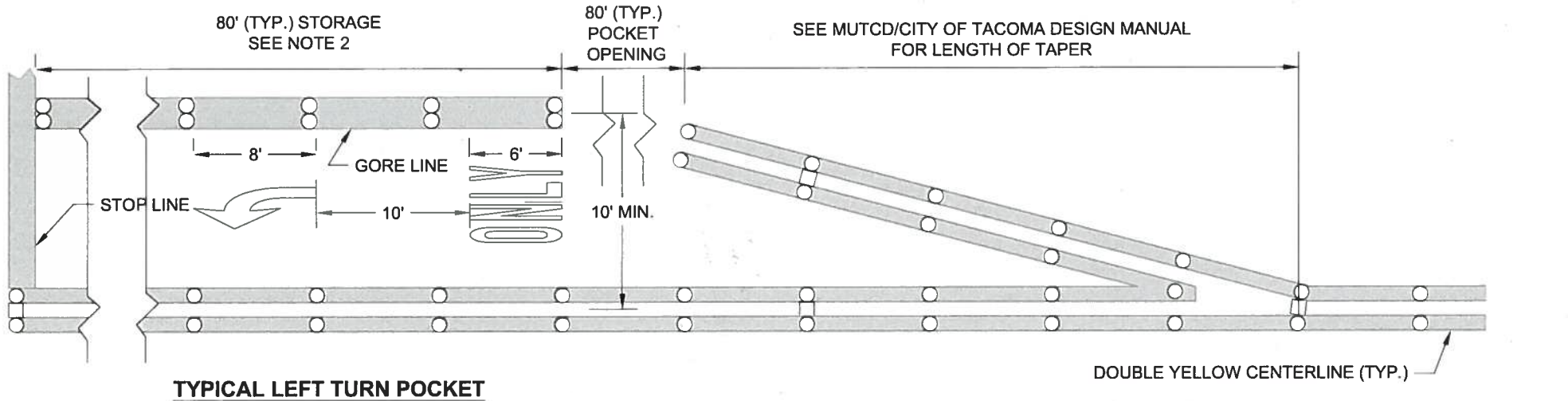
LONGITUDINAL  
PAVEMENT MARKINGS

STANDARD PLAN NO.

CH-03B

# NOTES:

1. Contractor will provide necessary control points to assist in preliminary spotting for striping, stop line, legends, crosswalks, traffic arrows, and associated signs.
2. If storage length is 100 feet or greater, then a second arrow, (without "only"), to be placed at 22 feet from stop line to near edge of the arrow.
3. Use of RPMs as shown correspond with paint striping. If striping consists of thermoplastic (or similar) then type 1Y/W-RPMs are omitted.



DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

ENVIRONMENTAL  
SERVICES

TACOMA WATER



APPROVED FOR PUBLICATION

CITY ENGINEER

DATE

CITY OF TACOMA

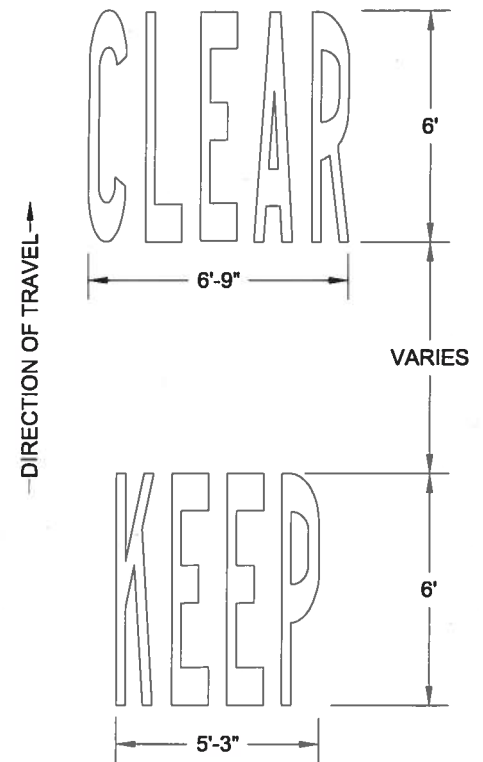
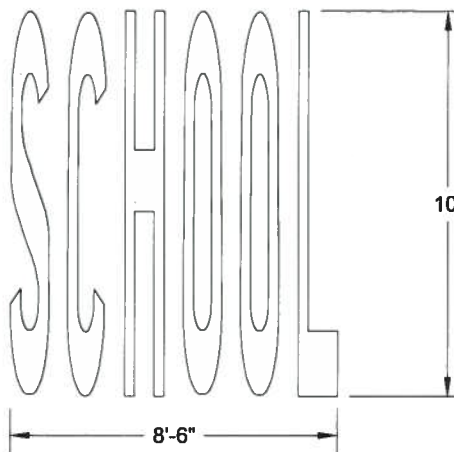
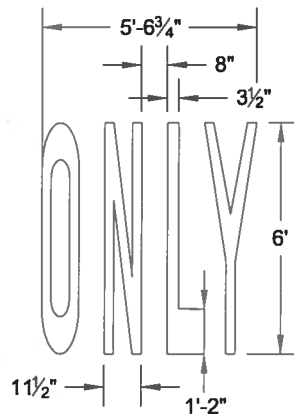
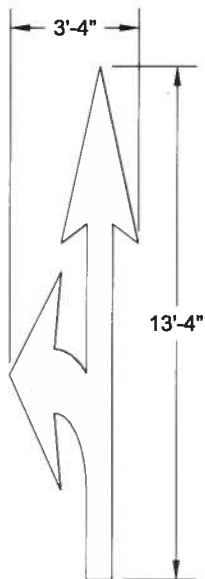
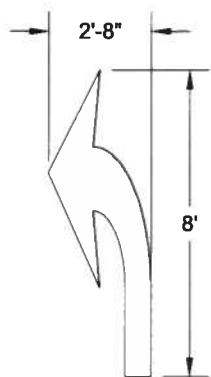
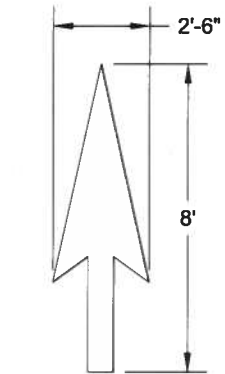
LEFT TURN POCKET  
PAVEMENT MARKINGS

STANDARD PLAN NO.

CH-09

**NOTES:**

1. Contractor will provide necessary control points to assist in preliminary spotting for stripe, stop line, legends, crosswalks, traffic arrows, and associated signs.
2. Typical letter width is 11½".
3. Typical letter spacing is 8".
4. Letter stroke is 3½".
5. Refer to WSDOT M24.40-02 for more specific traffic arrow dimensions.
6. Arrows shown may be mirrored about their centerline as applicable to design.



DCS

## PUBLIC WORKS

N/A

## TACOMA POWER

REVIEWED BY

ENVIRONMENTAL  
SERVICES

NA

TACOMA WATER



**APPROVED FOR PUBLICATION**

CITY ENGINEER

DATE \_\_\_\_\_

CITY OF TACOMA

## PAVEMENT WORDS AND ARROWS

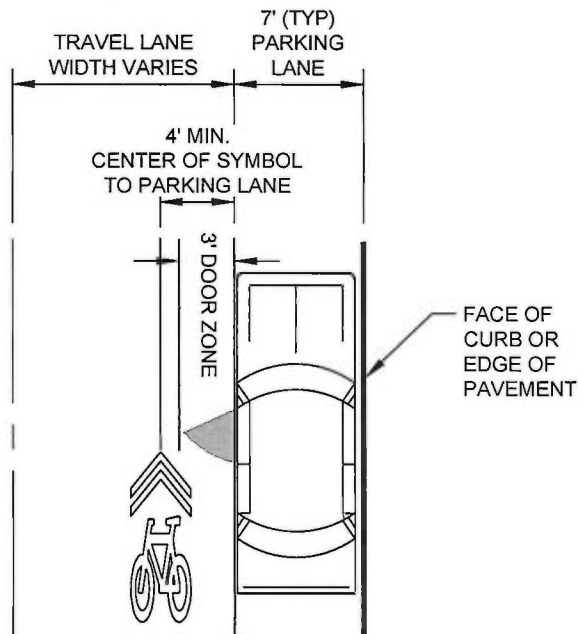
STANDARD PLAN NO.

CH-10

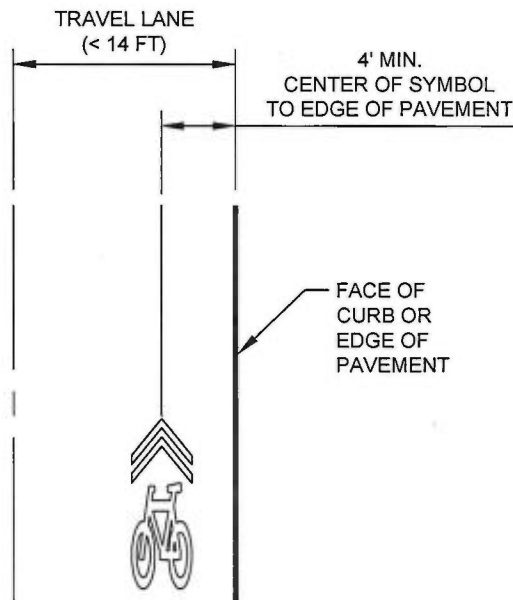


## NOTES

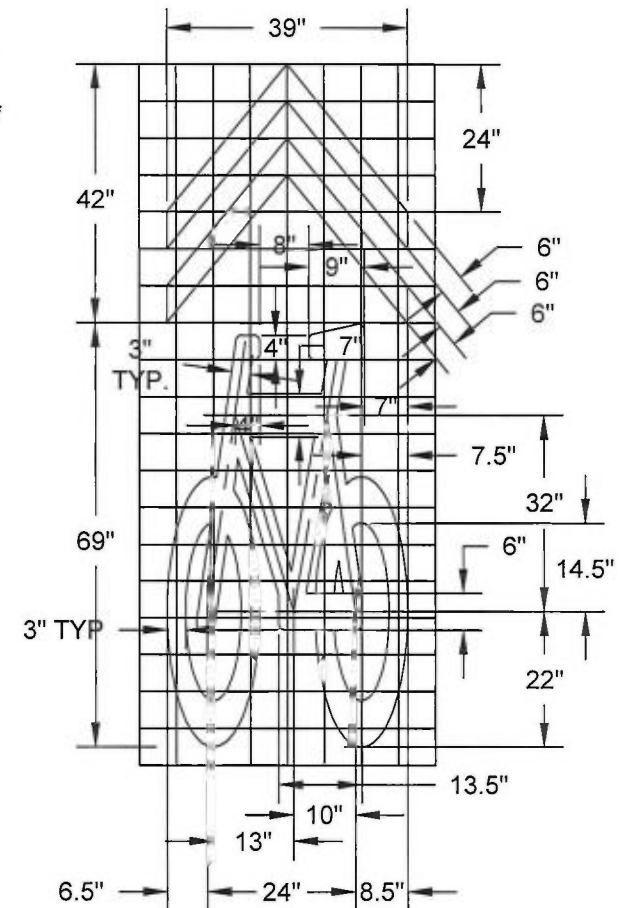
1. Contractor will provide necessary control points to assist in preliminary spotting for pavement markings and associated signs.
2. When included in contract documents, Sharrows should be placed immediately after an intersection and spaced typically at intervals not greater than 250 feet thereafter.
3. When conditions support bicyclists occupying the full travel lane, the preferred placement of the Sharrow is within the center of the travel lane to minimize wheelpath wear.



TYPICAL SHARROW  
SYMBOL PLACEMENT  
WITH PARKING LANE



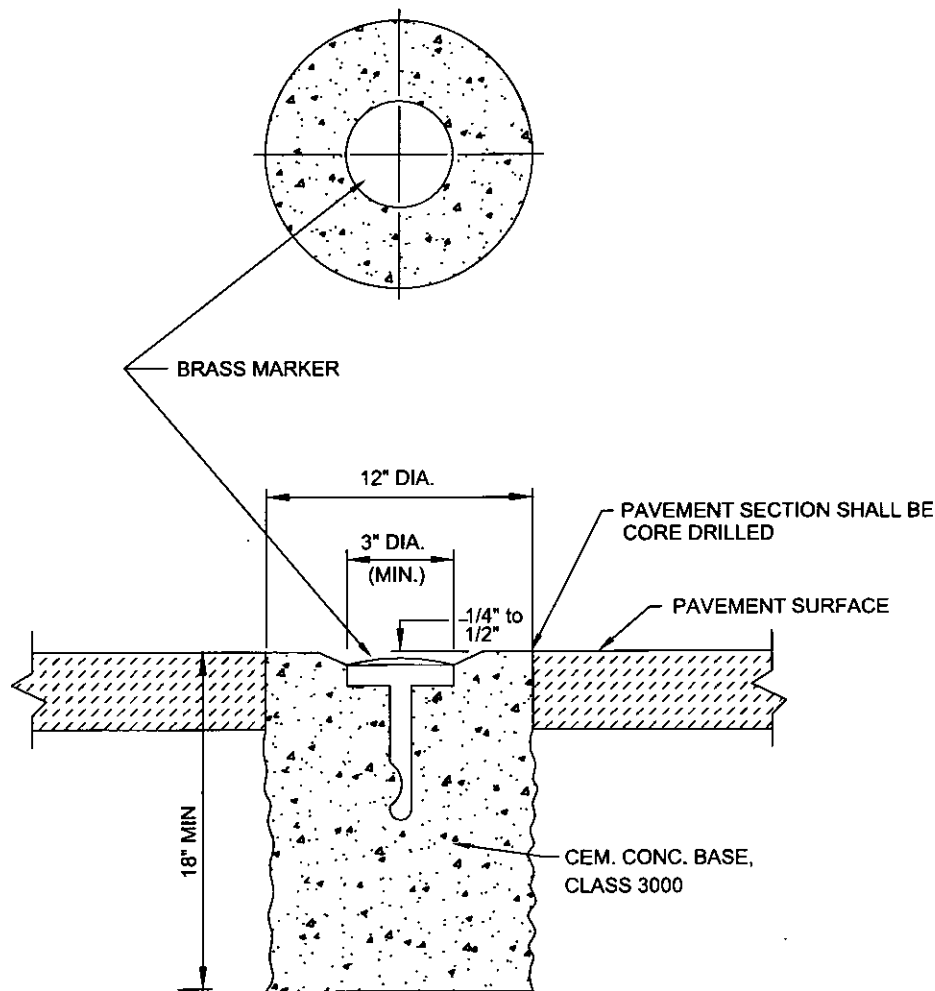
TYPICAL SHARROW  
SYMBOL PLACEMENT  
WITHOUT PARKING LANE



1. Grid is 6"x6" squares.
2. All rounded corners have a 1" radius.

TYPICAL SHARROW  
SYMBOL DETAIL

REVIEWED BY <i>DCS</i> <i>GMS</i> PUBLIC WORKS ENVIRONMENTAL SERVICES			APPROVED FOR PUBLICATION <i>[Signature]</i> 9/8/12 CITY ENGINEER DATE		CITY OF TACOMA TYPICAL SHARROW DETAIL AND PLACEMENT GUIDELINES	
TACOMA POWER TACOMA WATER <i>N/A</i> <i>N/A</i>					STANDARD PLAN NO. CH-11	



#### NOTES:

1. Concrete base shall be poured in place. Hand mixed concrete is prohibited. Concrete base need not be formed.
2. Notice to surveyors: any monument set in the City of Tacoma must bear the land surveyor number of the surveyor setting the monument. Monuments set as part of an approved plat are exempt.
3. The surveyor is to supply the City of Tacoma with a copy of the calculations used to determine all monument positions before the monuments are set.
4. Brass marker for City of Tacoma funded projects will be supplied by the City, all other brass markers to be supplied by the contractor.
5. Monument must be magnetically locatable.
6. Prior to removing or destroying a monument, the surveyor or engineer shall apply for a permit from the Department of Natural Resources in accordance with WAC 332-120.

CITY OF TACOMA  
DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PUBLICATION

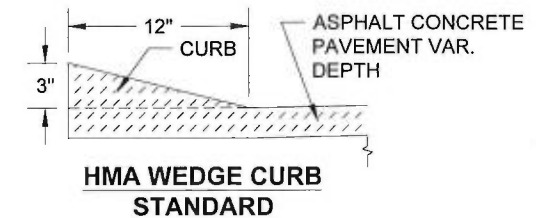
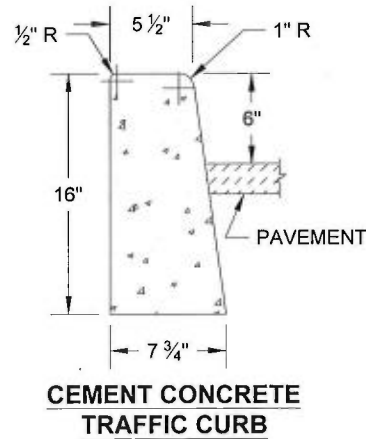
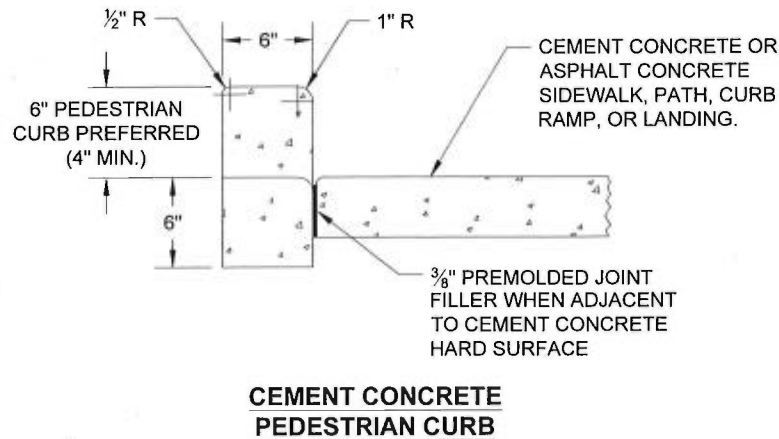
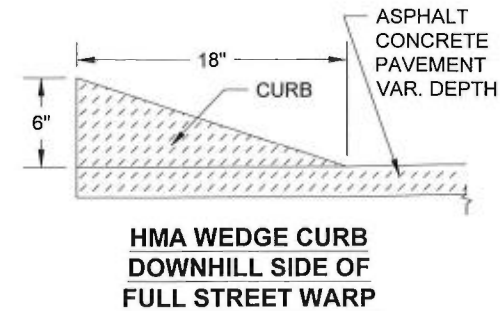
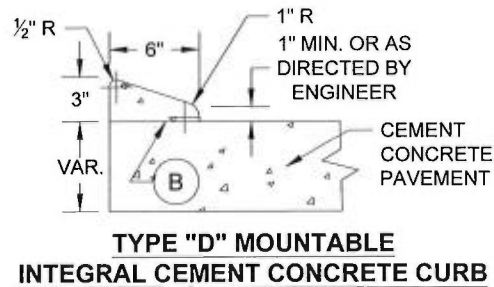
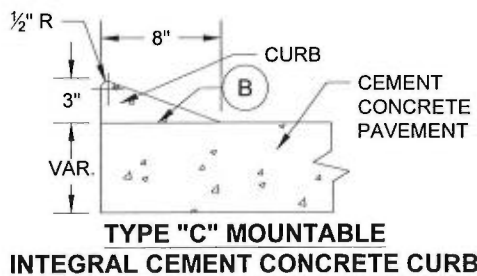
*James Parney* 09 JUN 2009  
CITY ENGINEER DATE

POURED MONUMENT

STANDARD PLAN NO. SU-01

**NOTE:**

- (B) Flush with gutter pan at curb ramp entrance or  $\frac{3}{4}$ " vertical lip at driveway entrance.



**NOTES:**

1. For trench crossings, curb and gutter shall be removed to a minimum 2' cut back over undisturbed soil.
2. In all projects, any remaining sections of curb and gutter less than 5' in length between the project area and the nearest control joint shall also be removed and replaced.
3. All joints shall be saw cut full depth prior to restoration and  $\frac{3}{8}$ " expansion joint installed.
4. Concrete finish shall match existing.
5. Cutting wheel run-out beyond the limits of the opening shall be filled in accordance with WSDOT Standard Specification 5-05.3(8)B for cement concrete surfaces and 5-04.3(5)C for asphalt concrete surfaces.
6. Foundations shall be fully compacted prior to form placement.
7. Unsuitable foundation shall be replaced with  $\frac{5}{8}$ " crushed surfacing top course.

DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

GMS

ENVIRONMENTAL  
SERVICES

NA

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

DATE

CITY OF TACOMA  
CEMENT CONCRETE  
CURB AND GUTTER AND  
ASPHALT WEDGE CURB

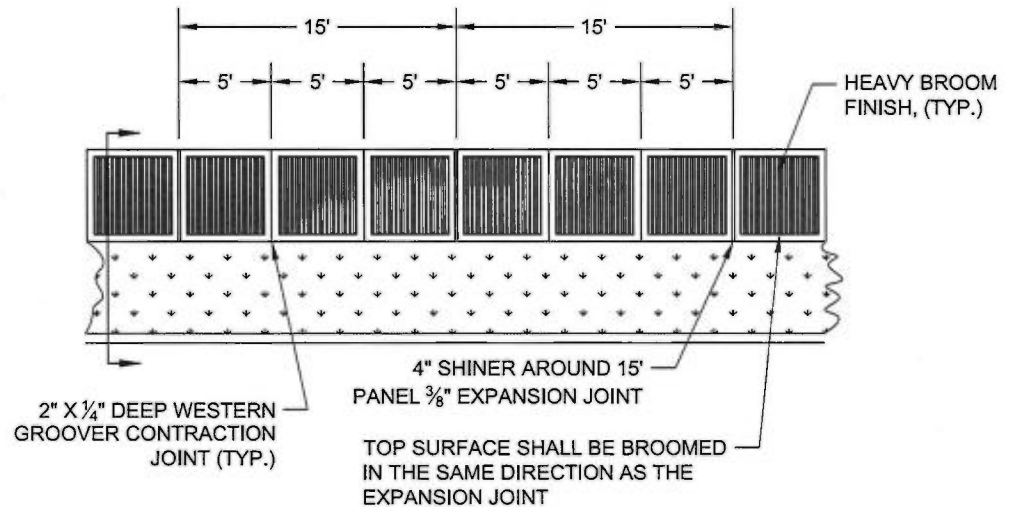
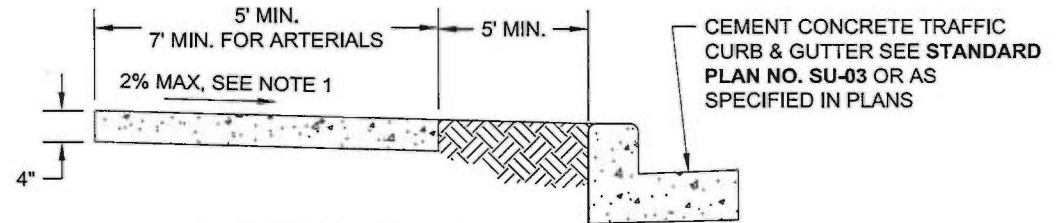
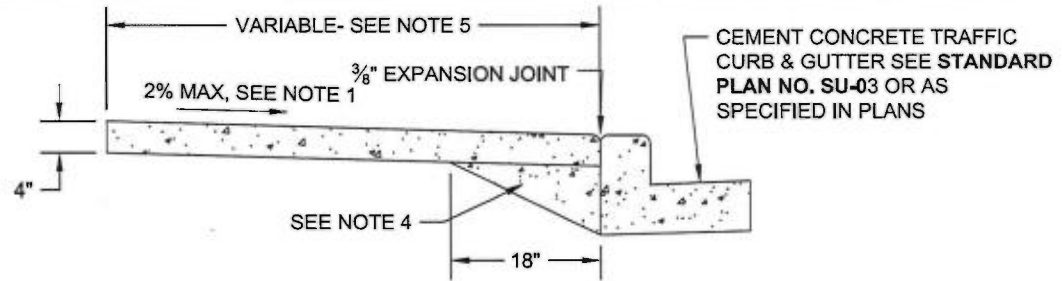
STANDARD PLAN NO.

SU-03A



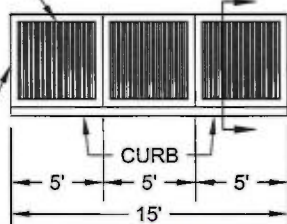
# NOTES:

1. Sidewalks shall be designed and constructed in accordance with 2010 ADA Standards, 28 CFR, Part 35 and as supplemented by the Public Right of Way Accessibility Guidelines (PROWAG). City of Tacoma prefers sidewalk cross slopes to be designed to a maximum of 1.5% and a minimum of 1.0%
2. When placing walk adjacent to existing curb and gutter, curb and gutter will be repaired as necessary before placing concrete forms for walk.
3. Staking is required where no curb is present.
4. Thickened edge shall be constructed using cement concrete on all radii. All other locations shall be backfilled and compacted.
5. Combination walk shall be 7' min. on all commercial sites and arterial streets. Combination walk shall be a minimum of 5' on non arterial streets. Dimensions are from back of curb to back of walk. See contract plans for width and placement of sidewalk.
6. All expansion joints shall be full depth with  $\frac{3}{8}$ " premolded joint filler.
7. All joints shall be cleaned and edged. External edges shall be  $\frac{1}{2}$ " radius. Internal joints shall be  $\frac{1}{4}$ " radius.
8. All soft and yielding foundation material shall be removed and replaced with crushed surfacing top course (CSTC) per Section 9-03.9(3) of the WSDOT Standard Specifications.
9. All sidewalk shall be replaced to the nearest expansion or contraction joint. All joints shall be saw cut full depth prior to restoration and  $\frac{3}{8}$ " expansion joint installed. Cutting wheel run-out beyond the limits of the opening shall be filled in accordance with WSDOT Standard Specification 5-05.3(8)B for cement concrete surfaces and 5-04.3(5)C for asphalt concrete surfaces.
10. For sidewalks within the North Slope Historical District area use Standard Plan HD-NS03. See Standard Plan HD-NS01 for North Slope Historic District site map.



TOP SURFACE SHALL BE BROOMED IN THE SAME DIRECTION AS THE EXPANSION JOINT

4" SHINER AROUND 15' PANEL  $\frac{3}{8}$ " EXPANSION JOINT



$\frac{3}{8}$ " EXPANSION JOINT TO MATCH CURB JOINTS NOT TO EXCEED 15'

REVIEWED BY

PUBLIC WORKS

N/A

TACOMA POWER

ENVIRONMENTAL SERVICES

N/A

TACOMA WATER



APPROVED FOR PUBLICATION

CITY ENGINEER

DATE

CITY OF TACOMA

CEMENT CONCRETE SIDEWALK

STANDARD PLAN NO. SU-04

### GENERAL NOTES:

1. Provide a separate directional curb ramp for each marked or unmarked crosswalk. Directional curb ramps are preferred over 45 degree ramps. Curb ramp location shall be placed within the width of the associated crosswalk, or as shown on the Contract Plans. The curb ramp centerline shall be parallel to the direction of the crossing. Forty-five (45) degree curb ramps shall be installed only after approval by the City's ADA Coordinator or the Street Operations Division Manager.
2. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush and perpendicular to the direction of travel. There shall be no vertical discontinuity between the base of curb ramp and gutter line.
3. Do not place grates, junction boxes, access covers, or other appurtenances in front of the curb ramp or on any part of the curb ramp or turning space. Placement on or in front of ramp flares is allowed.
4. See Contract Plans for the curb design specified. See **Standard Plan SU-03** and **SU-03A** for Curb, and Curb and Gutter Details.
5. A thickened edge shall be constructed to full depth of adjacent curb along entire curb radius.
6. For sidewalk and curb ramps within the North Slope Historical District area see **North Slope Historic District Site Map, HD-NS01**. Apply Lamp Black 1lb. per cubic yard of cement concrete or as required for discoloration in accordance with ASTM D209-81 Standard Specifications for Lamp Black pigment.
7. The running slope of a curb ramp shall not exceed 8.3% but does not require the ramp length to exceed 15 feet to avoid chasing the slope indefinitely when connecting to steep grades.
8. Curb ramp, turning space and flares shall receive a broom finish, see **WSDOT Standard Specifications 8-14**.
9. Return curbs, (pedestrian curbs), may only be used with landscaping or railing. Return curbs, (pedestrian curbs), shall not be used to prevent pedestrians from crossing streets.
10. All curb ramp designs shall be stamped by a Washington State licensed Professional Engineer. If meeting the current design standards is not possible, curb ramps shall be constructed to the maximum extent feasible as indicated by an Engineer's note on the stamped drawings. Rationale supporting the design variance shall be provided by the Engineer and shall include a description of the scope of work, the site-specific factors affecting compliance, and the measures implemented to improve compliance.
11. Pedestrian traffic should be aligned to the receiving curb ramp. The existing curb ramps shall be evaluated using criteria in the City's Curb Ramp Installation Matrix.
12. Consult the City's Curb Ramp Installation Matrix and the Right Of Way Restoration Policy for additional requirements.
13. Conduit for APS equipment shall be installed during curb ramp construction at all signalized intersections and at intersections where signalization is anticipated within the next 6 years. Coordinate with Public Works - Engineering, Traffic Section.
14. A Pedestrian Accessibility Control Plan shall be developed in conjunction with each project-specific Temporary Traffic Control Plan for all work in the ROW.
15. Pedestrian traffic shall NOT be directed behind the stop bar.
16. Curb ramp alignment should be consistent with crosswalk alignment
17. Curb ramp shall be 5' minimum in width.
18. Catch basins shall be located upstream of curb ramps outside of flare/wing for new construction or when performing storm sewer upgrades.
19. For constructability purposes, the City recommends designing to **less than** the maximum allowable slopes.

DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

GMS

ENVIRONMENTAL  
SERVICES

NA

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

DATE

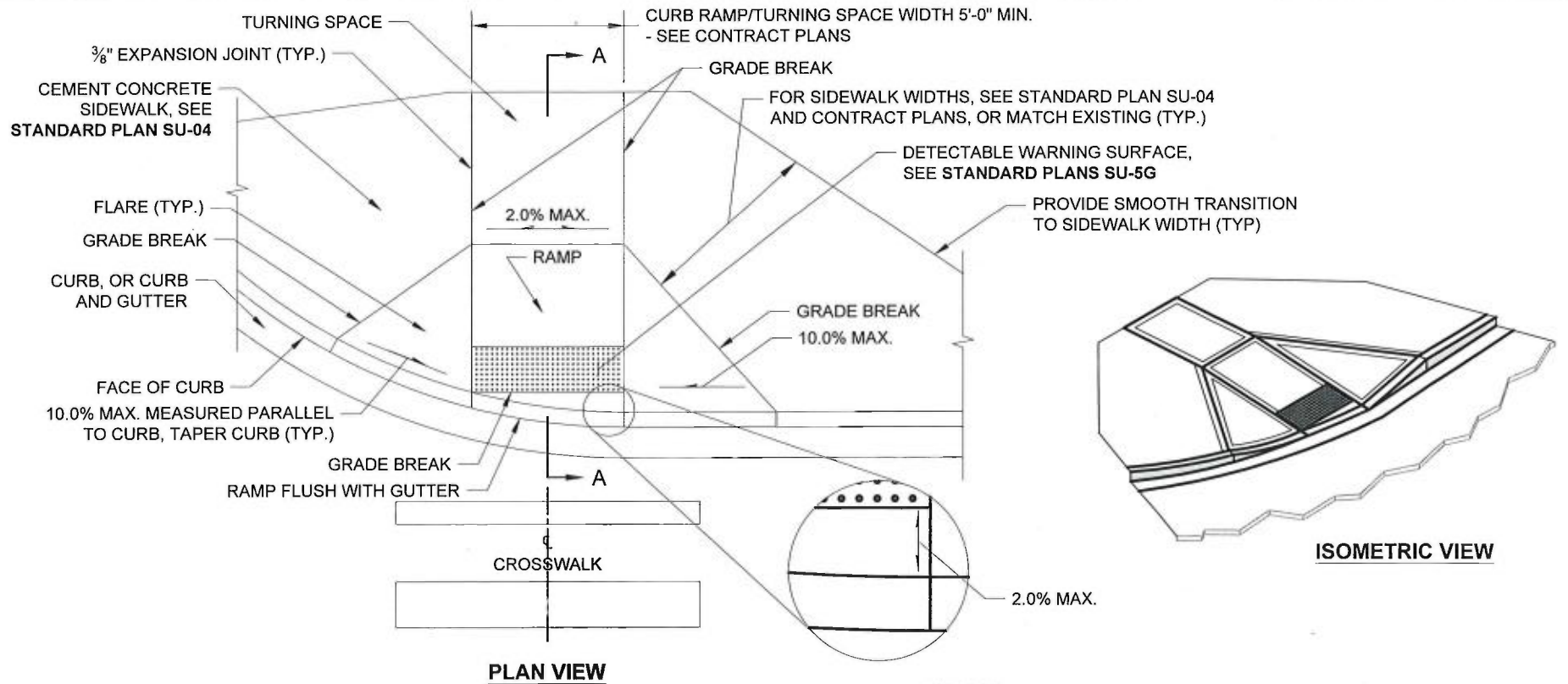
CITY OF TACOMA

CURB RAMP DETAILS  
GENERAL INFORMATION

STANDARD PLAN NO.

SU-05



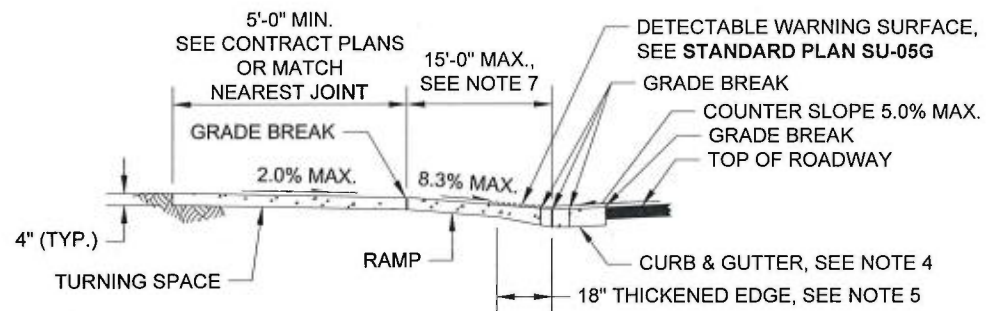


#### NOTES:

See Standard Plan SU-05 for referenced notes

#### LEGEND

— SLOPE IN EITHER DIRECTION



**SECTION DETAIL A-A**

DCS

REVIEWED BY

GMS

PUBLIC WORKS

ENVIRONMENTAL SERVICES

NA

NA

TACOMA POWER

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

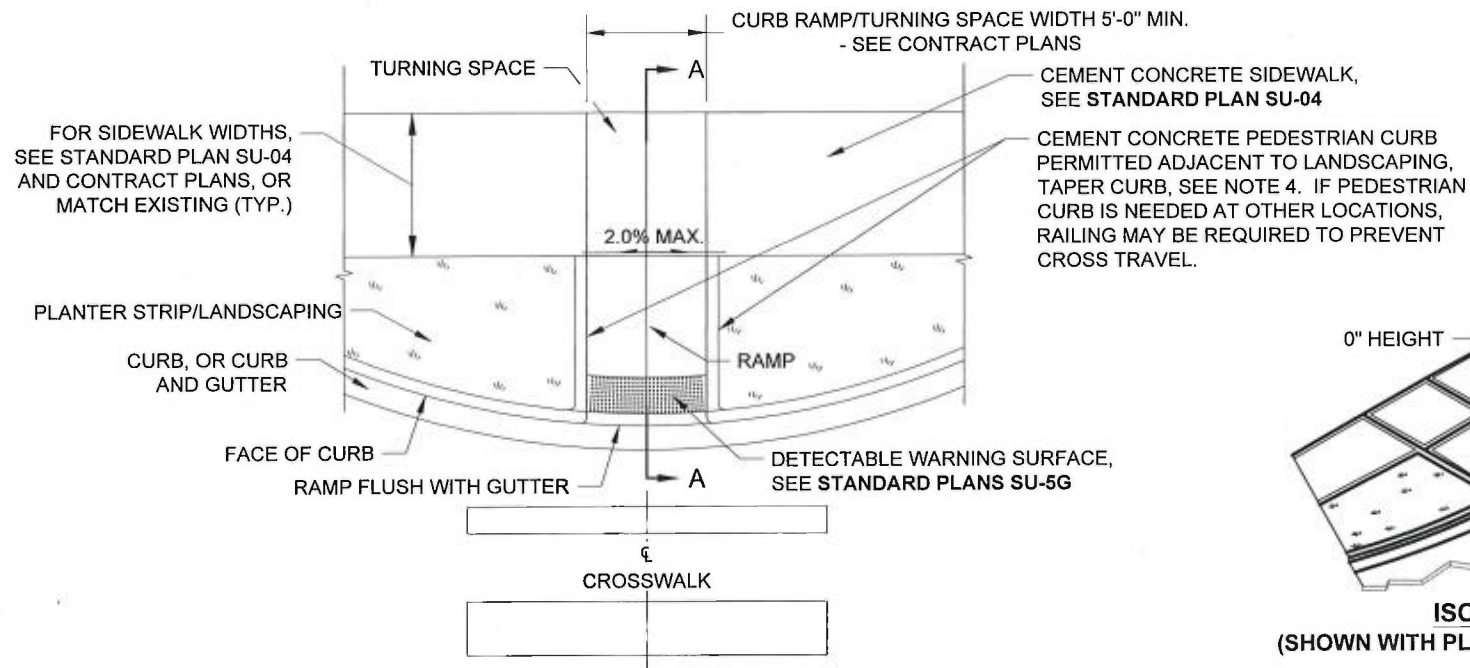
DATE

CITY OF TACOMA

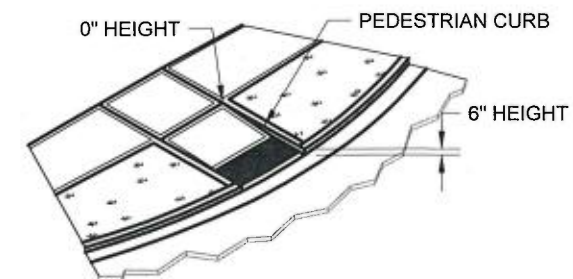
PERPENDICULAR CURB RAMP  
TYPE 'A'

STANDARD PLAN NO.

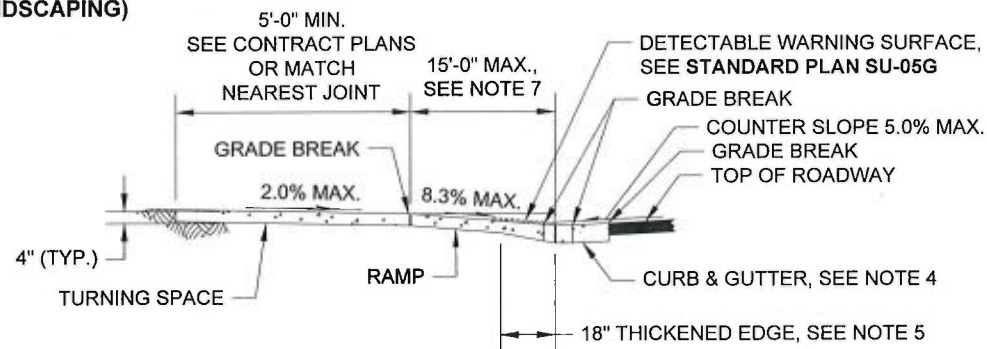
SU-05A



**PLAN VIEW**  
(SHOWN WITH PLANTER STRIP/LANDSCAPING)



**ISOMETRIC VIEW**  
(SHOWN WITH PLANTER STRIP/LANDSCAPING)



**SECTION DETAIL A-A**

**NOTES:**

See **Standard Plan SU-05** for referenced notes

**LEGEND**

— SLOPE IN EITHER DIRECTION

**DCS**

PUBLIC WORKS

**NA**

TACOMA POWER

REVIEWED BY

**GMS**

ENVIRONMENTAL SERVICES

**NA**

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

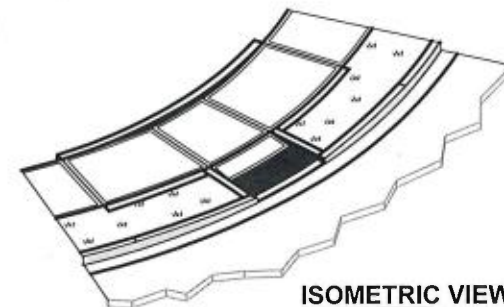
CITY ENGINEER

DATE

CITY OF TACOMA

PERPENDICULAR CURB RAMP  
TYPE 'B'

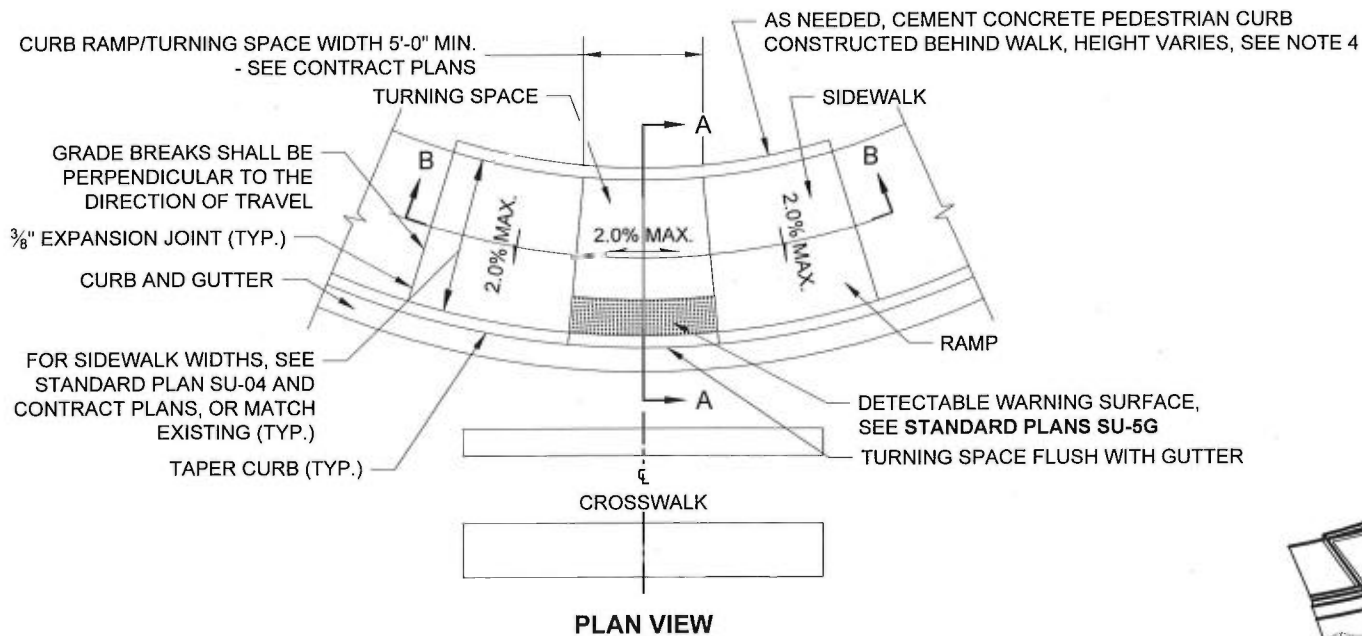
STANDARD PLAN NO. SU-05B



STANDARD PLAN NO. SU-05C

SU-05C





**NOTES:**

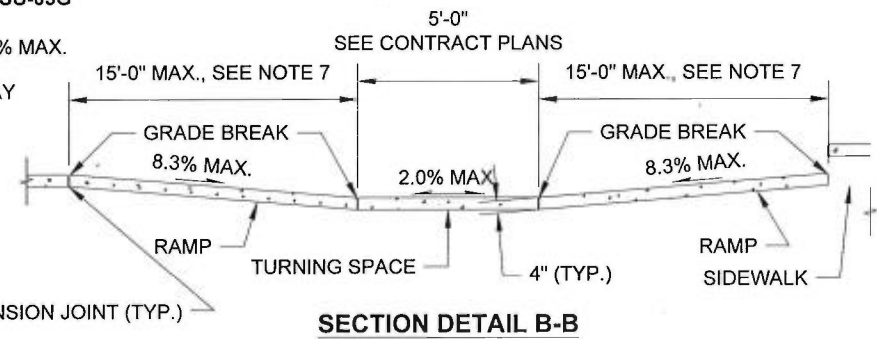
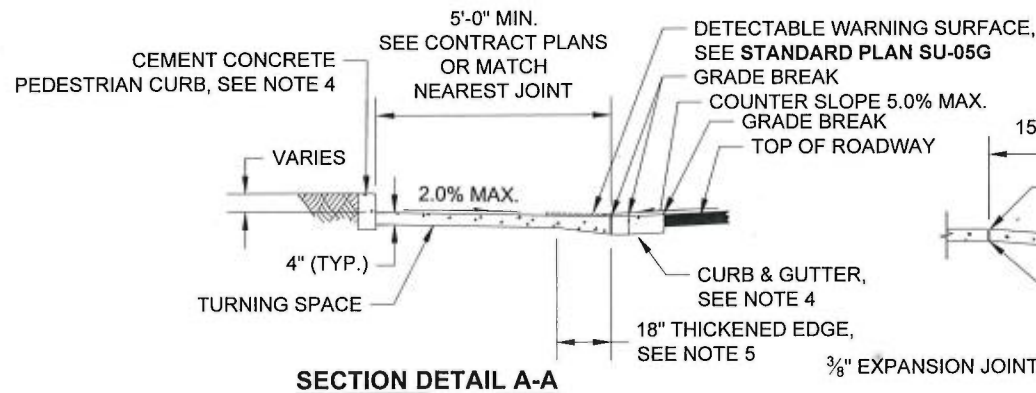
See **Standard Plan SU-05** for referenced notes

**LEGEND**

— SLOPE IN EITHER DIRECTION



**ISOMETRIC VIEW**



DCS

REVIEWED BY

GMS

PUBLIC WORKS

ENVIRONMENTAL SERVICES

NA

NA

TACOMA POWER

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

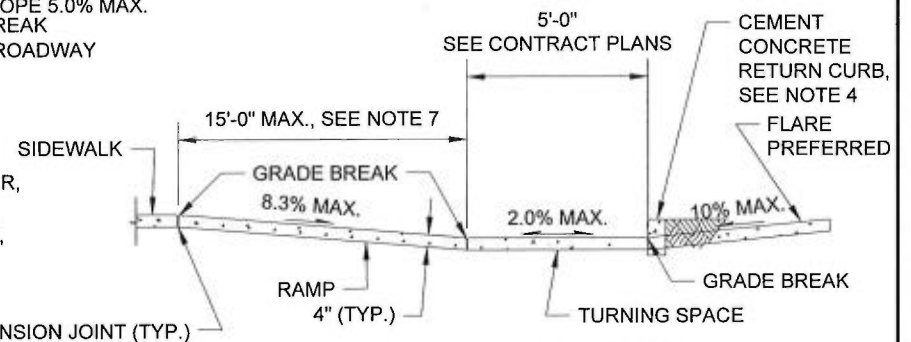
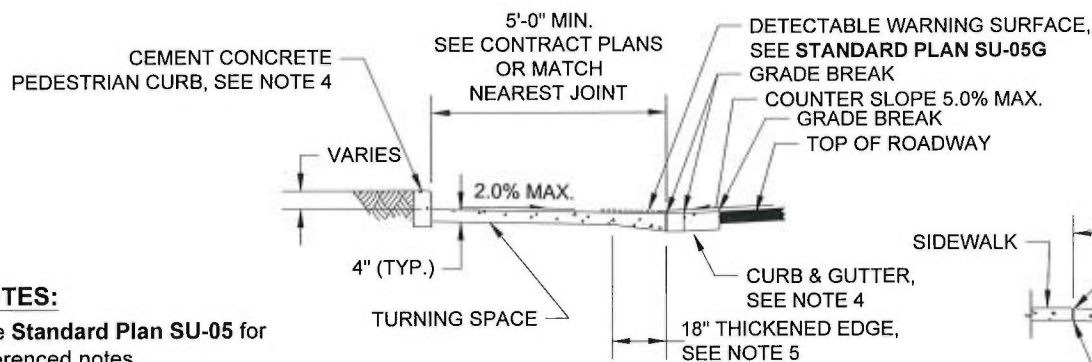
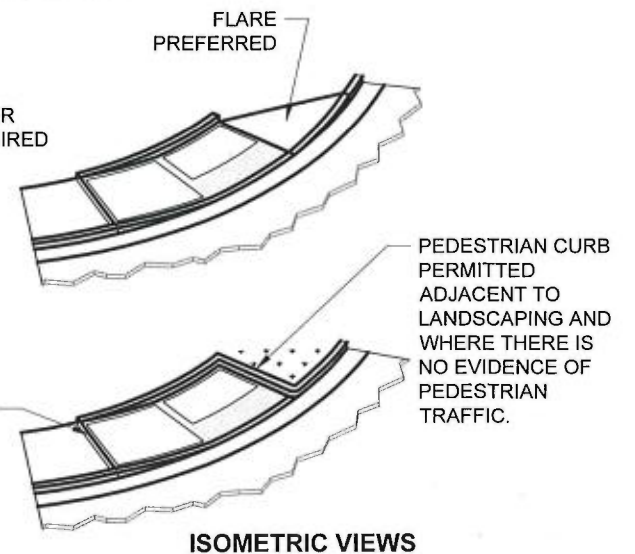
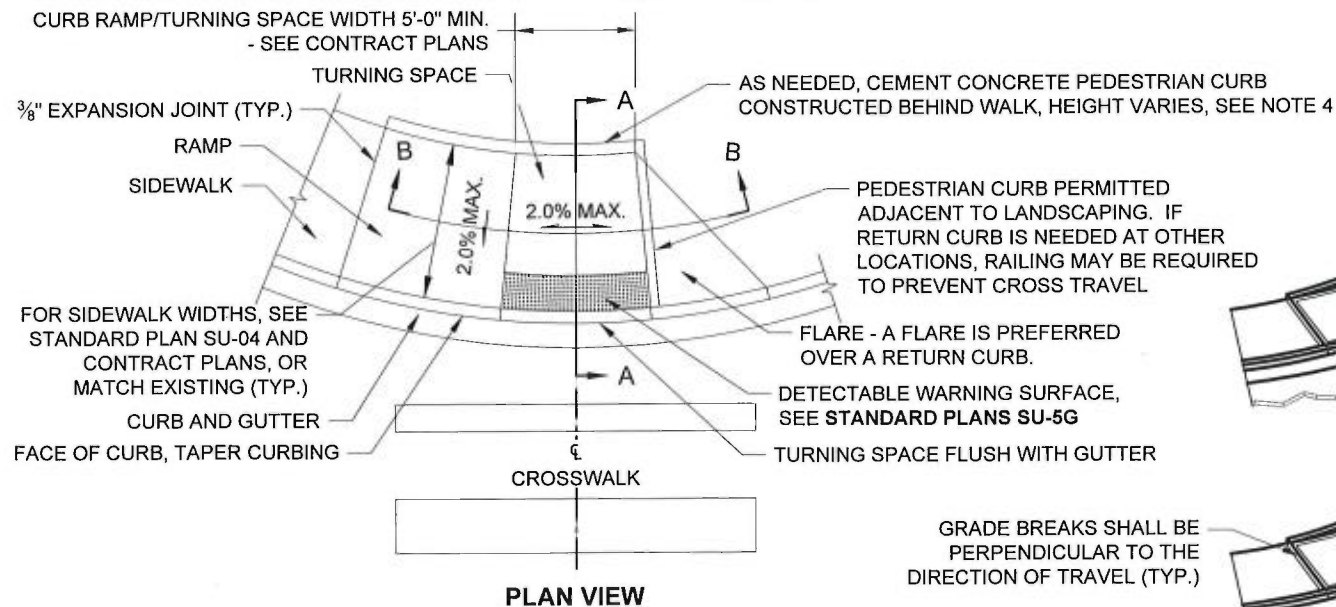
DATE

CITY OF TACOMA

PARALLEL CURB RAMP  
TYPE 'A'

STANDARD PLAN NO.

SU-05D



#### NOTES:

See **Standard Plan SU-05** for  
referenced notes

#### LEGEND

— SLOPE IN EITHER  
DIRECTION

DCS

REVIEWED BY

GMS

PUBLIC WORKS

ENVIRONMENTAL  
SERVICES

NA

NA

TACOMA POWER

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

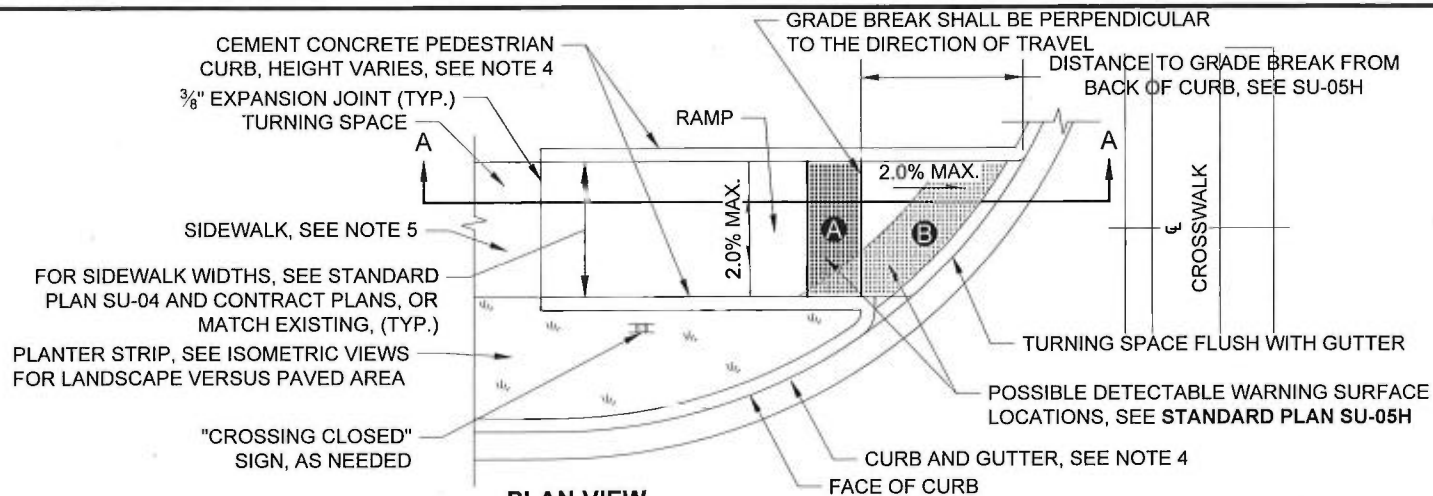
DATE

CITY OF TACOMA

PARALLEL CURB RAMP  
TYPE 'B'

STANDARD PLAN NO.

SU-05E



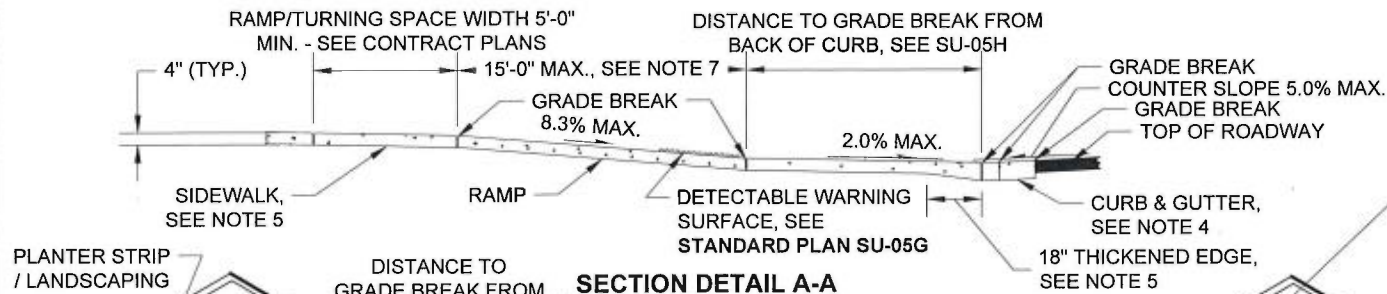
**PLAN VIEW**

**NOTES:**

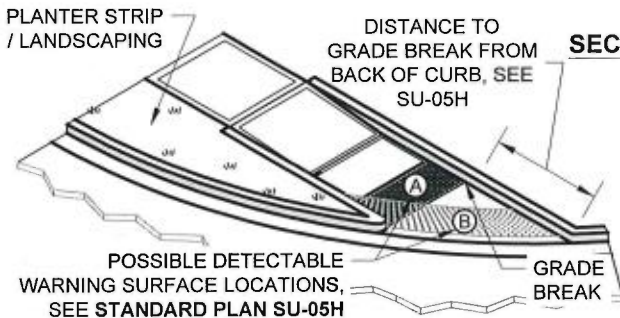
See Standard Plan SU-05 for referenced notes

**LEGEND**

— SLOPE IN EITHER DIRECTION



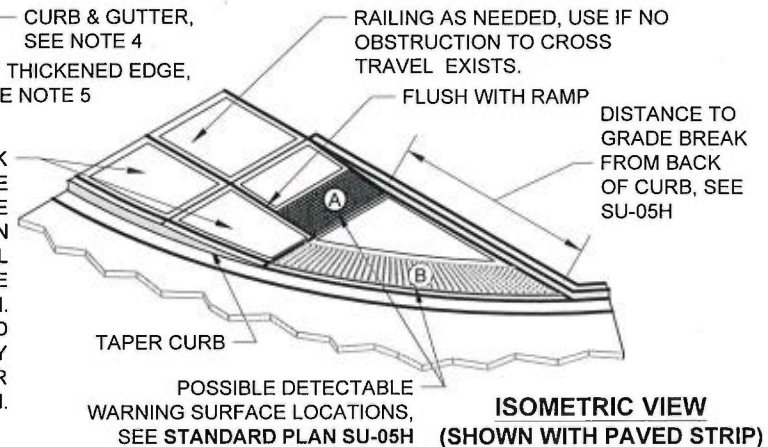
**SECTION DETAIL A-A**



**ISOMETRIC VIEW**

(SHOWN WITH PLANTER STRIP/LANDSCAPING)

HARDSCAPED BUFFER SHALL BE DARK GRAY COLORED CEMENT CONCRETE OR HAVE A PATTERN TO INDICATE THE AREA IS OUTSIDE THE PEDESTRIAN ACCESS ROUTE. THE PATTERN SHALL BE SUBMITTED AND APPROVED BY THE CITY, PRIOR TO CONSTRUCTION. ALTERNATE COLORS MAY BE USED WITH PRIOR WRITTEN APPROVAL BY THE CITY'S ADA COORDINATOR PRIOR TO CONSTRUCTION.



**ISOMETRIC VIEW**

(SHOWN WITH PAVED STRIP)

DCS

PUBLIC WORKS

NA

TACOMA POWER

REVIEWED BY

GMS

ENVIRONMENTAL SERVICES

NA

TACOMA WATER



APPROVED FOR PUBLICATION

*[Signature]* 8/16/16

CITY ENGINEER

DATE

CITY OF TACOMA

SINGLE DIRECTION CURB RAMP

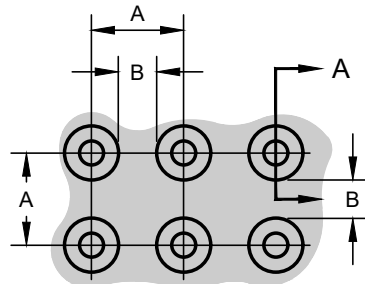
STANDARD PLAN NO.

SU-05F



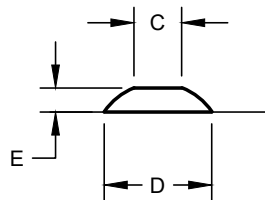
## NOTES

1. The Detectable Warning Surface shall extend the full width of the curb ramp (exclusive of flares).
2. The rows of truncated domes in a Detectable Warning Surface shall be parallel with the direction of wheelchair travel.
3. See **Standard Plans SU-04** through **SU-05F** for sidewalk and curb ramp details.
4. If a curb is not present, place the Detectable Warning Surface at the edge of the pavement.
5. Detectable Warning Surfaces shall be either cast-in-place from Armor Tile, ADA Solutions, or an approved equal or surface applied from Vanguard or an approved equal. No detectable warning fasteners such as glue, bolts, or screws are allowed. Surface applied detectable warning surfaces may be used only when the curb ramp has associated features to deter vehicles from driving over the ramp area. Examples of such features include pedestrian curbing, utility/signal/streetlight poles, and fire hydrants.
6. Detectable warning surface shall be yellow and shall match SAE AMS Standard 595, Color 33538.
7. See **Standard Plan SU-05H** for Detectable Warning Surface placement guidelines.



### TRUNCATED DOME DETAILS

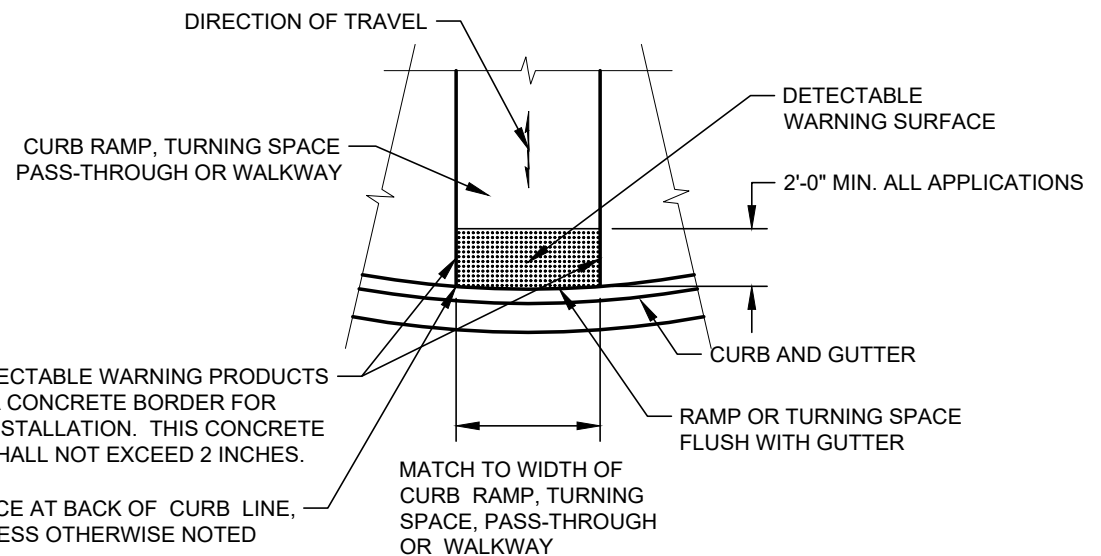
TRUNCATED DOME SPACING



### SECTION DETAIL A-A

TRUNCATED DOME

	MIN.	MAX.
A	1.60"	2.40"
B	0.65"	-
C	0.45"	0.90"
D	0.90"	1.40"
E	0.20"	0.20"



### DETECTABLE WARNING SURFACE DETAIL

RVDR

REVIEWED BY

EW

PUBLIC WORKS

*[Signature]*

TACOMA POWER

ENVIRONMENTAL SERVICES

TS

TACOMA WATER



APPROVED FOR PUBLICATION

*Kurtis Deankingsolver*

CITY ENGINEER

04/19/2021

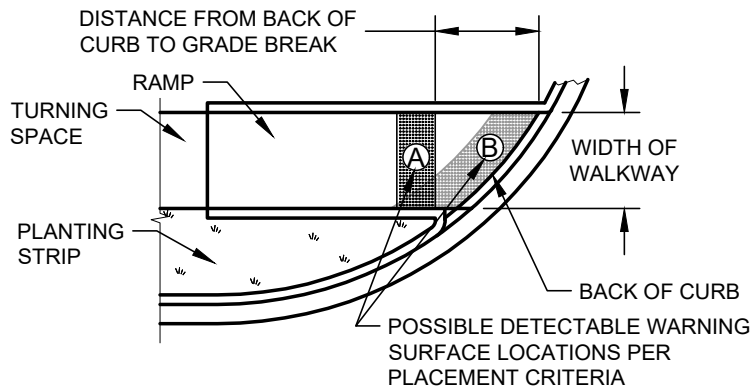
DATE

CITY OF TACOMA

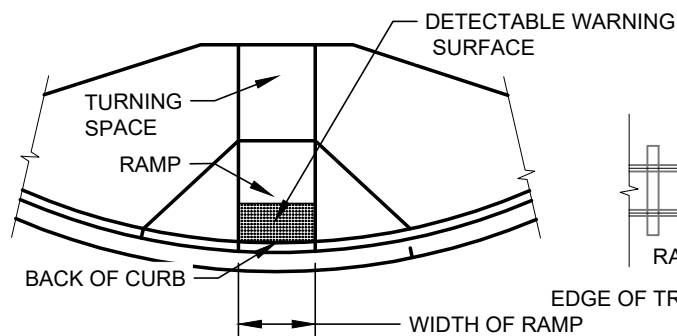
DETECTABLE WARNING SURFACE DETAILS

STANDARD PLAN NO.

SU-05G

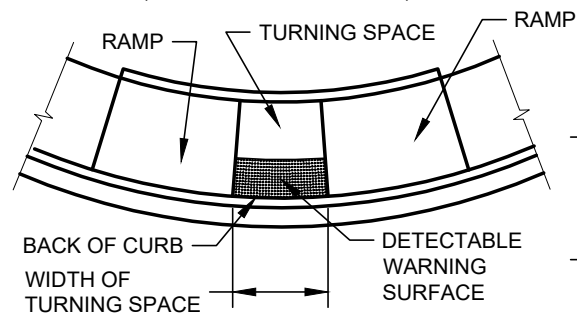


### **SINGLE DIRECTION CURB RAMP**



### **PERPENDICULAR CURB RAMP**

(SEE SU-05A AND SU-05B)



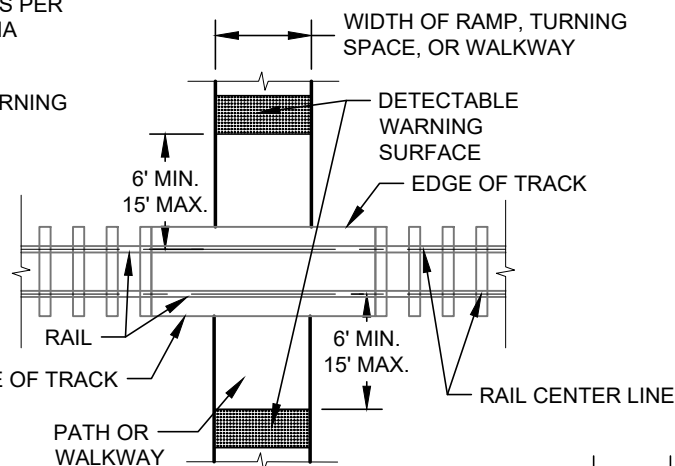
### **PARALLEL CURB RAMP**

(SEE SU-05C, SU-05D, AND SU-05E)

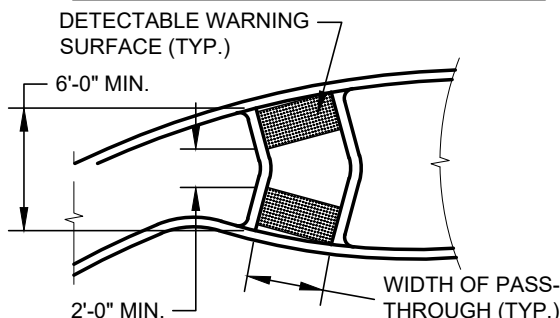
### **DETECTABLE WARNING PLACEMENT CRITERIA FOR SINGLE DIRECTIONAL CURB RAMP**

USE LOCATION (A) IF DISTANCE FROM BACK OF CURB TO GRADE BREAK IS LESS THAN OR EQUAL TO 5 FT.

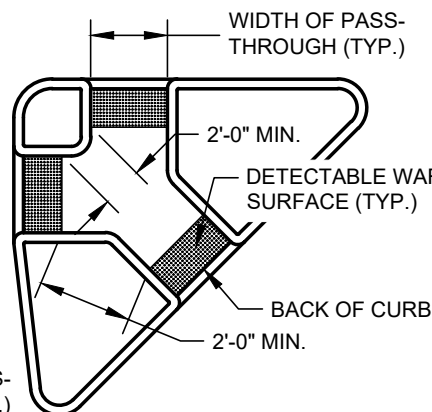
USE LOCATION (B) IF DISTANCE FROM BACK OF CURB TO GRADE BREAK IS GREATER THAN 5 FT.



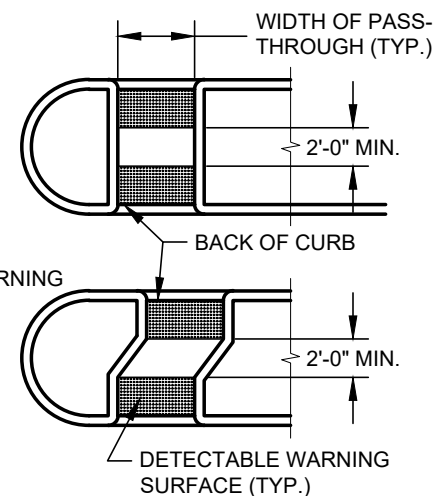
### **PEDESTRIAN RAILROAD CROSSING**



### **ROUNDABOUT SPLITTER ISLAND**



### **ISLAND PASS-THROUGH**



### **MEDIAN PASS-THROUGH**

### **NOTES**

1. The Detectable Warning Surface shall extend the full width of the curb ramp (exclusive of flares).
2. The edge of the Detectable Warning Surface shall be placed along the back of the curb line unless otherwise noted.
3. The Detectable Warning Surface shall be within 2" (max.) of the edge of the ramp.
4. The rows of truncated domes in the Detectable Warning Surface shall be parallel with the direction of travel.
5. See Standard Plans for sidewalk and curb ramp details.
6. If a curb is not present, place the Detectable Warning Surface at the edge of the pavement.
7. See Standard Plan SU-05G for Detectable Warning Surface Details.

**RVDR**

REVIEWED BY

PUBLIC WORKS

*[Signature]*

TACOMA POWER

ENVIRONMENTAL  
SERVICES

*[Signature]*

TACOMA WATER



APPROVED FOR PUBLICATION

*Kurtis Deankingsolver*

CITY ENGINEER

04/19/2021

DATE

CITY OF TACOMA

DETECTABLE WARNING SURFACE  
PLACEMENT GUIDELINES

STANDARD PLAN NO.

SU-05H



**R303.2.2 PARALLEL CURB RAMPS.**

**R303.2.2.1 RUNNING SLOPE.**

THE RUNNING SLOPE SHALL BE 8.3% MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15.0 FEET.

**R303.2.1.2 CROSS SLOPE.**

THE CROSS SLOPE SHALL BE 2% MAXIMUM.

**R303.3.1 WIDTH.**

THE CLEAR WIDTH OF LANDINGS, BLENDED TRANSITIONS, AND CURB RAMPS, EXCLUDING FLARES, SHALL BE 4.0 FEET MINIMUM.

**R303.3.3 SURFACES.**

SURFACES OF CURB RAMPS, BLENDED TRANSITIONS, AND LANDINGS SHALL COMPLY WITH R301. GRATINGS, ACCESS COVERS, AND OTHER APPURTENANCES SHALL NOT BE LOCATED ON CURB RAMPS, LANDINGS, BLENDED TRANSITIONS AND GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.

**R303.3.2 DETECTABLE WARNINGS.**

DETECTABLE WARNING SURFACES COMPLYING WITH R304 SHALL BE PROVIDED, WHERE A CURB RAMP, LANDING, OR BLENDED TRANSITION CONNECTS TO A STREET.

**R304.1.4 SIZE.**

DETECTABLE WARNING SURFACES SHALL EXTEND 24 IN. MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES), THE LANDING OR, THE BLENDED TRANSITION.

**R304.2.3 ALIGNMENT.**

THE ROWS OF TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP, LANDING, OR BLENDED TRANSITION AND THE STREET.

**R303.3.4 GRADE BREAKS.**

GRADE BREAKS AT THE TOP AND BOTTOM OF PERPENDICULAR CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN. AT LEAST ONE END OF THE BOTTOM GRADE BREAK SHALL BE AT THE BACK OF CURB. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMPS, BLENDED TRANSITIONS, LANDINGS, AND GUTTER AREAS WITHIN THE PEDESTRIAN ACCESS ROUTE. SURFACE SLOPES THAT MEET THE GRADE BREAKS SHALL BE FLUSH.

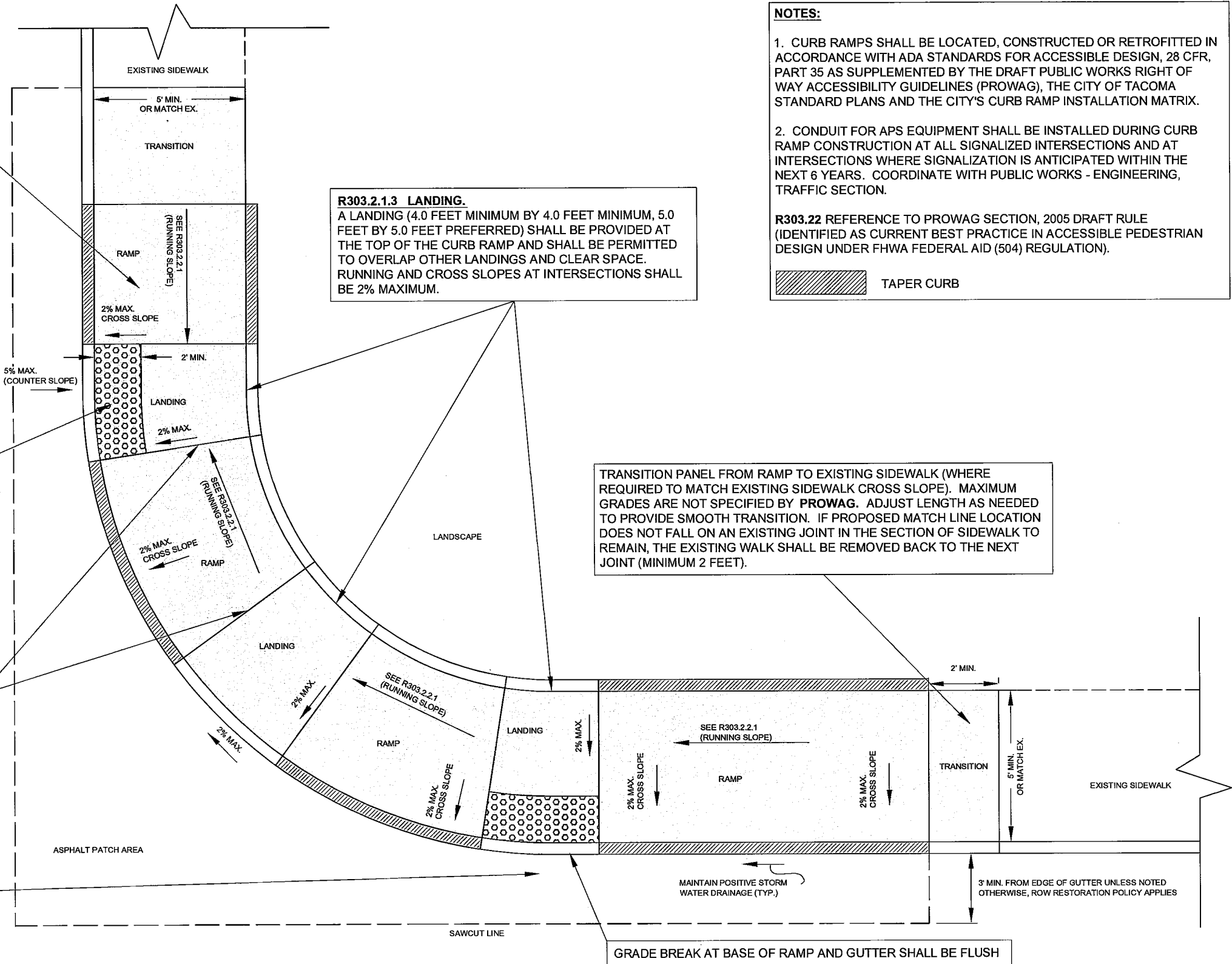
**CROSSWALK.**

**R303.3.5 COUNTER SLOPES.**

THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITION SHALL BE 5% MAXIMUM.

**R303.2.1.2 CROSS SLOPE.**

THE CROSS SLOPE AT INTERSECTIONS SHALL BE 2% MAXIMUM. THE CROSS SLOPE AT MID-BLOCK CROSSING SHALL BE PERMITTED TO BE WARPED TO MEET STREET GRADE.



**NOTES:**

1. CURB RAMPS SHALL BE LOCATED, CONSTRUCTED OR RETROFITTED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN, 28 CFR, PART 35 AS SUPPLEMENTED BY THE DRAFT PUBLIC WORKS RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG), THE CITY OF TACOMA STANDARD PLANS AND THE CITY'S CURB RAMP INSTALLATION MATRIX.
2. CONDUIT FOR APS EQUIPMENT SHALL BE INSTALLED DURING CURB RAMP CONSTRUCTION AT ALL SIGNALIZED INTERSECTIONS AND AT INTERSECTIONS WHERE SIGNALIZATION IS ANTICIPATED WITHIN THE NEXT 6 YEARS. COORDINATE WITH PUBLIC WORKS - ENGINEERING, TRAFFIC SECTION.

**R303.22** REFERENCE TO PROWAG SECTION, 2005 DRAFT RULE (IDENTIFIED AS CURRENT BEST PRACTICE IN ACCESSIBLE PEDESTRIAN DESIGN UNDER FHWA FEDERAL AID (504) REGULATION).

 TAPER CURB

**FOR INFORMATIONAL PURPOSES ONLY  
DO NOT INCLUDE IN CONTRACT SPECIFICATIONS**

**CITY OF TACOMA  
DEPARTMENT OF PUBLIC WORKS**

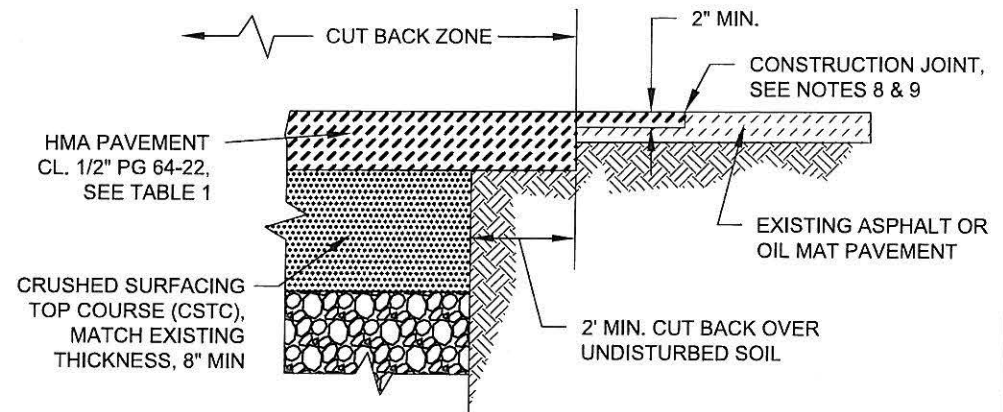
**PROWAG GUIDELINES  
TYPICAL PARALLEL CURB RAMP  
DESIGN STANDARDS**  
**STANDARD PLAN NO. SU-05J**

## NOTES

1. **All pavement restoration work shall also meet the requirements of the City of Tacoma's Right of Way Restoration Policy. See Standard Plan SU-15B for any streets exempt from this policy.**
2. Temporary Surface Restoration:  
 Arterials, industrial areas and/or roads with bus traffic: Temporary patches shall be compacted and leveled to a minimum of 3-inches of hot-mix asphalt (HMA).  
 Residential and alleys: Temporary patches shall be compacted and leveled to a minimum of 2-inches of either HMA or cold-mix asphalt. Temporary patches between October 1st and March 31st shall be made with HMA unless otherwise approved.
3. All permanent final patches shall be rectangular in shape and constructed parallel and perpendicular to the road centerline.
4. Where existing pavement defects are in close proximity to the new cut, the inspector may require additional pavement removal to eliminate the pavement defect.
5. The final cut edge of paved surfaces shall be smooth and straight, consistent with grinding or saw cutting devices. No jagged, broken or undermined edges are allowed. Cutting wheel run-out beyond the limits of the opening shall be filled in accordance with WSDOT Standard Specification 5-05.3(8)B for cement concrete surfaces and 5-04.3(5)C for asphalt concrete surfaces.
6. Final compaction of HMA shall be 91% of maximum density.  
Isolated patches: Minimum 1 test per patch up to 150 square feet, and 1 test required every additional 300 square feet, thereafter.  
Trench patches: 1 test every 150 linear feet of trench with a minimum of 2 tests per trench.  
 Testing shall be performed by a certified independent testing laboratory or certified tester, as approved by the City's Construction Division. Tests shall be completed and reports identifying the project number submitted to the City Construction Division within 48 hours of test.
7. All joints between the new and original asphalt pavement shall be sealed with hot asphalt or asphalt emulsion and covered with dry paving sand before the asphalt solidifies. Existing surfaces shall be prepared in accordance with WSDOT Standard Specification 5-04.3(5)A prior to placing any new pavement surfaces.

8. Longitudinal construction joints shall only be located at the center or edge of affected lanes.  
 Streets and courts 20 feet or less in width and all alleys are considered one-lane streets. Non-arterial streets and courts greater than 20 feet in width with no traffic channelization are considered two-lane streets with one-lane either side of the centerline of the street.  
 Non-arterial streets greater than 32 feet in width with no traffic channelization may be considered three lane streets upon prior approval from the City Engineer.
9. Transverse construction joints terminate at the edge of the 2' cut back.
10. HMA pavement shall not be placed over CDF until approved by the City.

TABLE 1 PAVEMENT REPLACEMENT DEPTH IN CUT BACK ZONE		
	MIN.	MAX.
ARTERIALS, INDUSTRIAL AREAS & ROADS WITH BUS TRAFFIC	MATCH EXISTING +1", OR 4", WHICHEVER IS GREATER	6"
RESIDENTIALS AND ALLEYS	MATCH EXISTING +1", OR 3", WHICHEVER IS GREATER	4"



CITY OF TACOMA  
DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PUBLICATION

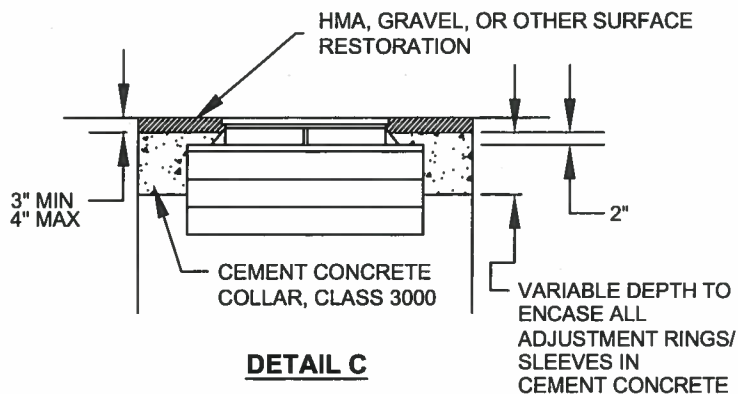
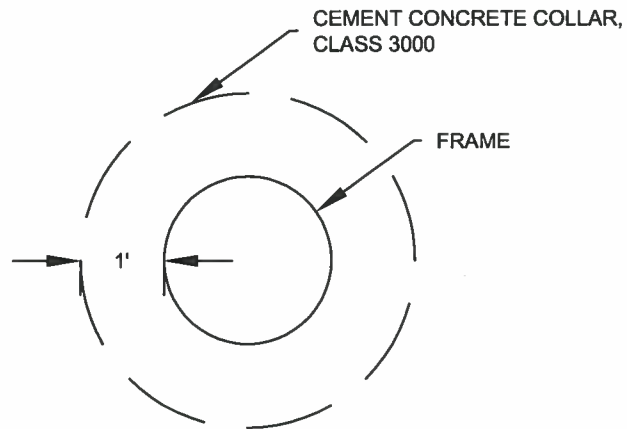
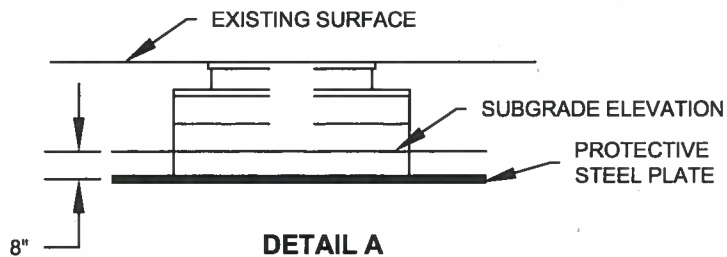
*James Ramsey*  
CITY ENGINEER

12 Jun 2009  
DATE

TYPICAL PAVEMENT RESTORATION  
FOR ASPHALT CONCRETE/OIL MAT  
PAVEMENT

STANDARD PLAN NO. SU-15A





## PROGRESSION OF WORK

### PRIOR TO EXCAVATING OR RESURFACING:

Contractor shall:  
Remove frame and risers to a depth 8-inches below subgrade.  
Install steel protective plate in accordance with Detail A.  
Reference the location of the utility structure.

### CONSTRUCTION OF SURFACING:

Gravel surfacing:  
Install base materials and gravel over protective steel plate.

Asphalt surfacing:  
Install base materials and asphalt over protective steel plate.

Concrete surfacing:  
Adjust frame and grate to final grade prior to placing concrete surfacing.

### UPON COMPLETION OF SURFACING:

The asphalt concrete pavement or gravel surfacing shall be removed in a neat circle in accordance with Detail B.

The location of the asphalt or gravel removal shall be based upon the reference location established by the Contractor.

Crushed surfacing and base materials shall be removed and disposed of to allow the removal of the steel protective plate.

The structure shall be adjusted to finish grade utilizing the same methods of construction as specified for new construction in Section 7-05.

For hot mix asphalt, the area shall then be backfilled with Class 3000 cement concrete to an elevation of 3 to 4 inches below the finished pavement surface. 24-hours after placing the concrete, HMA pavement CL. 3/8" PG 64-22 shall be placed in accordance with Standard Plan No. SU-15.

For non-paved surfaces, the area shall be backfilled with Class 3000 cement concrete to an elevation of 3 to 4 inches below the top of the casting and then backfilled with crushed surfacing top course and compacted.

### NOTE:

All general provisions, construction and warranty requirements of the Right of Way Restoration Policy will be followed.

CITY OF TACOMA  
DEPARTMENT OF PUBLIC WORKS

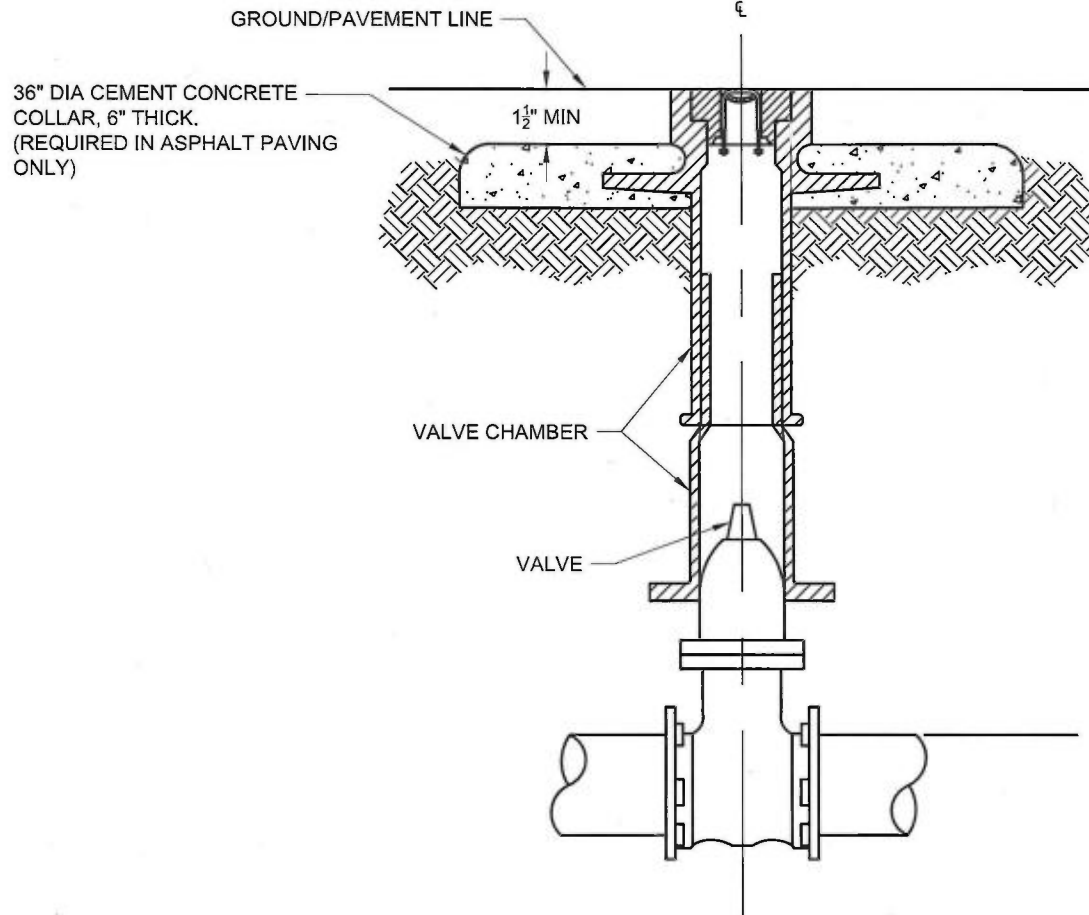
APPROVED FOR PUBLICATION

CITY ENGINEER

DATE

UTILITY ADJUSTMENT

STANDARD PLAN NO. SU-25



# NOTES:

Class 3000 cement concrete shall be placed, 1 1/2" min, below the finished pavement surface.

24-hours after placing the cement collar, HMA Class 3/8" PG 64-22 shall be placed in accordance with Standard Plan SU-15.

If the valve chamber being adjusted belongs to Tacoma Water, the Contractor shall contact Tacoma Water, Operations, at 253-502-8742 for final inspection.

REVIEWED BY

DCS

PUBLIC WORKS

GMS

ENVIRONMENTAL  
SERVICES

G.W.

TACOMA WATER



APPROVED FOR PUBLICATION

[Signature]

CITY ENGINEER

5/31/12

DATE

CITY OF TACOMA  
VALVE CHAMBER  
COLLAR DETAIL

STANDARD PLAN NO. SU-37

## **PART IV**

### **FEDERAL WAGE RATES**



**"General Decision Number: WA20230001 01/06/2023**

**Superseded General Decision Number: WA20220001**

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

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

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . <b>The contractor must pay all covered workers at least \$16.20 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 2023.</b>
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. <b>Executive Order 13658 generally applies to the contract.</b> . <b>The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.</b>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number      Publication Date  
                                  0                                   01/06/2023

CARP0003-006 06/01/2021

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

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 44.38	16.87
DIVERS TENDERS.....	\$ 49.09	16.87
DIVERS.....	\$ 93.09	16.87
DRYWALL.....	\$ 44.38	16.87
MILLWRIGHTS.....	\$ 46.89	16.87
PILEDRIERS.....	\$ 44.97	16.87

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

Zone Differential (Add up Zone 1 rates):  
 Zone 2 - \$0.85  
 Zone 3 - 1.25  
 Zone 4 - 1.70  
 Zone 5 - 2.00  
 Zone 6 - 3.00

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

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

-----  
 CARP0030-004 06/01/2021

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.....	\$ 49.18	19.01
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 47.02	19.01
CARPENTERS.....	\$ 49.18	19.01
DIVERS TENDER.....	\$ 54.54	19.01
DIVERS.....	\$ 103.43	19.01
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 50.68	19.01
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 49.58	19.01

(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

-----  
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 &amp; DIVER CLASSIFICATIONS:

GROUP 1: Carpenter

GROUP 2: Millwright, Machine Erector

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

GROUP 4: Bridge, Dock, and Wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Diver Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

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

DISPATCH POINTS:

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

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

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

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

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

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:

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

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:

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

SATURATION DIVING:

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

WORK IN COMBINATION OF CLASSIFICATIONS:

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

## HAZMAT PROJECTS:

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

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

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

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

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

-----  
CARP0770-003 06/01/2021

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

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 47.02	19.01
CARPENTERS.....	\$ 49.18	19.01
DIVERS TENDER.....	\$ 54.54	19.01
DIVERS.....	\$ 103.43	19.01
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 50.68	19.01
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 49.58	19.01

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

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

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

Zone Pay:

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

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

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

Zone Pay:

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

-----  
ELEC0046-001 08/01/2022

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 72.29	27.07
ELECTRICIAN.....	\$ 65.72	26.87

-----

ELEC0048-003 01/01/2022

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 53.85	26.54

HOURLY ZONE PAY:

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

Portland, The Dalles, Hood River, Tillamook, Seaside and  
Astoria

Zone Pay:

Zone 1: 31-50 miles \$1.50/hour  
Zone 2: 51-70 miles \$3.50/hour  
Zone 3: 71-90 miles \$5.50/hour  
Zone 4: Beyond 90 miles \$9.00/hour

\*These are not miles driven. Zones are based on Delorme  
Street Atlas USA 2006 plus.

-----  
ELEC0048-029 01/01/2022

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 53.85	26.54

-----

ELEC0073-001 07/01/2022

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

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 41.30	20.09

-----

ELEC0076-002 08/31/2022

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

	Rates	Fringes
CABLE SPLICER.....	\$ 53.15	23.81
ELECTRICIAN.....	\$ 53.47	24.73

-----

ELEC0112-005 06/01/2022

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

	Rates	Fringes
CABLE SPLICER.....	\$ 54.34	24.26
ELECTRICIAN.....	\$ 51.75	24.18

-----



-----  
 ELEC0191-003 06/01/2020

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

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

-----

ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

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

-----

ENGI0302-003 06/01/2022

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.....	\$ 54.20	24.47
Group 1AA.....	\$ 54.98	24.47
Group 1AAA.....	\$ 55.78	24.47
Group 1.....	\$ 53.40	24.47
Group 2.....	\$ 52.72	24.47
Group 3.....	\$ 52.12	24.47
Group 4.....	\$ 48.78	24.47

Zone Differential (Add to Zone 1 rates):

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

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

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

#### HANDLING OF HAZARDOUS WASTE MATERIALS:

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

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

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

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

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

-----  
ENGI0370-002 06/01/2021

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.....	\$ 29.76	20.65
GROUP 2.....	\$ 30.08	20.65
GROUP 3.....	\$ 30.69	20.65
GROUP 4.....	\$ 30.85	20.65
GROUP 5.....	\$ 31.01	20.65
GROUP 6.....	\$ 31.21	20.65
GROUP 7.....	\$ 31.56	20.65
GROUP 8.....	\$ 32.66	20.65

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 Tamping 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.

-----  
 ENGI0612-001 06/01/2020

PIERCE County

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

Zone 1 (0-25 radius miles):

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

Zone Differential (Add to Zone 1 rates):

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

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

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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



-----  
 ENGI0612-012 06/01/2020

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

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

Zone 1 (0-25 radius miles):

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

Zone Differential (Add to Zone 1 rates):

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

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

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

-----  
ENGI0701-002 01/01/2018

CLARK, COWLITZ, 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 07/04/2022

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

	Rates	Fringes
IRONWORKER.....	\$ 36.21	31.47

-----

IRON0029-002 07/01/2020

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

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

-----

IRON0086-002 07/04/2022

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.21	31.47

-----

IRON0086-004 07/04/2022

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

	Rates	Fringes
IRONWORKER.....	\$ 49.90	31.82

-----



LABO0238-004 06/01/2021

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.....	\$ 27.34	15.35
GROUP 2.....	\$ 29.44	15.35
GROUP 3.....	\$ 29.71	15.35
GROUP 4.....	\$ 29.98	15.35
GROUP 5.....	\$ 30.26	15.35

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

BASE POINTS: Spokane, Pasco, Lewiston

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

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

#### LABORERS CLASSIFICATIONS

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

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

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

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

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

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

-----  
LABO0238-006 06/01/2021

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.....	\$ 30.00	13.50

-----

LABO0242-003 06/01/2022

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2A.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80
Group 6.....	\$ 45.91	13.90

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 06/01/2022

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80

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

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

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

#### LABORERS CLASSIFICATIONS

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

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

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

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

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

-----

LABO0292-008 06/01/2022

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80

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

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall  
ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
ZONE 2 - \$1.00  
ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
ZONE 2 - \$2.25

## LABORERS CLASSIFICATIONS

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

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

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

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

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

-----



LABO0335-001 06/01/2022

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.....	\$ 37.98	13.80
GROUP 2.....	\$ 38.76	13.80
GROUP 3.....	\$ 39.35	13.80
GROUP 4.....	\$ 39.85	13.80
GROUP 5.....	\$ 34.75	13.80
GROUP 6.....	\$ 31.61	13.80
GROUP 7.....	\$ 27.44	13.80

Zone Differential (Add to Zone 1 rates):

Zone 2 \$ 0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 2.75

BASE POINTS: LONGVIEW AND VANCOUVER

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

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

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

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

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

#### LABORERS CLASSIFICATIONS

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

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunitite Nozzleman Tender; Gunitite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunitite Nozzleman; High 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

-----  
LABO0335-019 06/01/2022

	Rates	Fringes
Hod Carrier.....	\$ 37.98	13.80

-----

LABO0348-003 06/01/2022

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 25.37	13.80
GROUP 2.....	\$ 29.16	13.80
GROUP 3.....	\$ 31.94	13.80
GROUP 4.....	\$ 32.72	13.80
GROUP 5.....	\$ 32.09	13.19

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

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

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

#### LABORERS CLASSIFICATIONS

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

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

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

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

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

-----

PAIN0005-002 07/01/2022

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

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 33.37	18.53

-----  
PAIN0005-004 03/01/2009

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

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

-----  
PAIN0005-006 07/01/2018

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

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

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

-----

PAIN0055-003 07/01/2020

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

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

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

-----  
PAIN0055-006 01/01/2022

CLARK, COWLITZ, KLINKITAT, SKAMANIA and WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....	\$ 48.17	16.00

-----  
PLAS0072-004 06/01/2020

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

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

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

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee

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

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

-----

PLAS0528-001 06/01/2022

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.....	\$ 50.00	19.59
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 50.50	19.59
TROWELING MACHINE OPERATOR ON COMPOSITION.....	\$ 50.50	19.59

-----  
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)

-----

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.

-----

TEAM0690-004 01/01/2019

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

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

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

BASE POINTS: Spokane, Pasco, Lewiston

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

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

## TRUCK DRIVERS CLASSIFICATIONS

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

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

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

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

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

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

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

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

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

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

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

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

NOTE:

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

-----

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

=====

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

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

---

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

#### Union Rate Identifiers

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

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

#### Survey Rate Identifiers

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

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

#### Union Average Rate Identifiers

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

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

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

---

#### WAGE DETERMINATION APPEALS PROCESS

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

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

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has 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.

=====  
END OF GENERAL DECISIO"

## **PART V**

### **STATE PREVAILING WAGE RATES**

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

### Washington State Prevailing Wage

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

#### Journey Level Prevailing Wage Rates for the Effective Date: 1/12/2023

<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>
Pierce	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$56.80	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Pierce	<a href="#">Boilermakers</a>	Journey Level	\$72.54	<u>5N</u>	<u>1C</u>		<a href="#">View</a>
Pierce	<a href="#">Brick Mason</a>	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Pierce	<a href="#">Brick Mason</a>	Pointer-Caulker-Cleaner	\$66.32	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
Pierce	<a href="#">Building Service Employees</a>	Janitor	\$21.79	<u>5S</u>	<u>2F</u>		<a href="#">View</a>
Pierce	<a href="#">Building Service Employees</a>	Traveling Waxer / Shampooer	\$22.74	<u>5S</u>	<u>2F</u>		<a href="#">View</a>
Pierce	<a href="#">Building Service Employees</a>	Window Cleaner (High Time)	\$30.74	<u>5S</u>	<u>2F</u>		<a href="#">View</a>
Pierce	<a href="#">Building Service Employees</a>	Window Cleaner (Non-High Time)	\$29.24	<u>5S</u>	<u>2F</u>		<a href="#">View</a>
Pierce	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$28.36		<u>1</u>		<a href="#">View</a>
Pierce	<a href="#">Carpenters</a>	Acoustical Worker	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
Pierce	<a href="#">Carpenters</a>	Bridge, Dock And Wharf Carpenters	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
Pierce	<a href="#">Carpenters</a>	Floor Layer & Floor Finisher	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
Pierce	<a href="#">Carpenters</a>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
Pierce	<a href="#">Carpenters</a>	Scaffold Erector	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Application of all Composition Mastic	\$70.09	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Application of all Epoxy Material	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Application of all Plastic Material	\$70.09	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Application of Sealing Compound	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Application of Underlayment	\$70.09	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Building General	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Composition or Kalman Floors	\$70.09	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Concrete Paving	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Curb & Gutter Machine	\$70.09	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Curb & Gutter, Sidewalks	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Curing Concrete	\$69.59	<u>15J</u>	<u>4U</u>		<a href="#">View</a>

Pierce	<a href="#">Cement Masons</a>	Finish Colored Concrete	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Floor Grinding	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Floor Grinding/Polisher	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Green Concrete Saw, self-powered	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Grouting of all Plates	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Grouting of all Tilt-up Panels	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Guniting Nozzleman	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Hand Powered Grinder	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Journey Level	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Patching Concrete	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Pneumatic Power Tools	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Power Chipping & Brushing	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Sand Blasting Architectural Finish	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Screed & Rodding Machine	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Spackling or Skim Coat Concrete	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Troweling Machine Operator	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Troweling Machine Operator on Colored Slabs	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Cement Masons</a>	Tunnel Workers	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$89.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Diver	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">8V</a>	<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$84.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$89.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$94.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$107.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$103.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$105.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$110.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$112.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 70.01 -	\$114.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>

		72.00 PSI					
Pierce	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$116.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$82.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$71.98	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Assistant Engineer	\$76.56	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$75.97	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Boatmen	\$76.56	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Engineer Welder	\$78.03	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$79.59	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Mates	\$76.56	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Dredge Workers</a>	Oiler	\$75.97	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Pierce	<a href="#">Drywall Applicator</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Drywall Tapers</a>	Journey Level	\$70.61	<a href="#">5P</a>	<a href="#">1E</a>		<a href="#">View</a>
Pierce	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$17.76		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Inside</a>	Cable Splicer	\$84.08	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Inside</a>	Journey Level	\$78.57	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Inside</a>	Lead Covered Cable Splicer	\$89.58	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Inside</a>	Welder	\$84.08	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$88.89	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$81.65	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$52.91	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$81.65	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$81.65	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$70.02	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$52.91	<a href="#">5A</a>	<a href="#">4D</a>	<a href="#">8W</a>	<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$81.65	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$60.75	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Pierce	<a href="#">Electronic Technicians</a>	Journey Level	\$51.14	<a href="#">6Z</a>	<a href="#">1B</a>		<a href="#">View</a>
Pierce	<a href="#">Elevator Constructors</a>	Mechanic	\$103.81	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$112.09	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>

Pierce	<a href="#">Fence Erectors</a>	Fence Erector	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Fence Erectors</a>	Fence Laborer	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Flaggers</a>	Journey Level	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Glaziers</a>	Journey Level	\$75.91	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
Pierce	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journey Level	\$84.58	<a href="#">15H</a>	<a href="#">11C</a>		<a href="#">View</a>
Pierce	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$94.11	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
Pierce	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Insulation Applicators</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Ironworkers</a>	Journeyman	\$82.03	<a href="#">7N</a>	<a href="#">10</a>		<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Airtrac Drill Operator	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Ballast Regular Machine	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Batch Weighman	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Brick Pavers	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Brush Cutter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Brush Hog Feeder	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Burner	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Caisson Worker	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Carpenter Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Cement Dumper-paving	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Cement Finisher Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Change House Or Dry Shack	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Pierce	<a href="#">Laborers</a>	Choker Setter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Chuck Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Clary Power Spreader	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Clean-up Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Concrete Form Stripper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Concrete Placement Crew	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Crusher Feeder	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Curing Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Ditch Digger	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Diver	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Dry Stack Walls	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Dump Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Epoxy Technician	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Erosion Control Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Fine Graders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Firewatch	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Form Setter	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Gabian Basket Builders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	General Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Grinders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Grout Machine Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Guardrail Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	High Scaler	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Jackhammer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Laserbeam Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Maintenance Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Material Yard Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Mold Abatement Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Pierce	<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)	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pavement Breaker	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pilot Car	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pipe Layer (Lead)	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pipe Pot Tender	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pipe Reliner	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pipe Wrapper	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Pot Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Powderman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Powderman's Helper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Power Jacks	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Raker - Asphalt	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Re-timberman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Remote Equipment Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Rigger/Signal Person	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Rip Rap Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Rivet Buster	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Rodder	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Scaffold Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Scale Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Sloper (Over 20")	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Sloper Sprayer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Spreader (Concrete)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Stake Hopper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Stock Piler	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Topper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Track Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Track Liner (Power)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Traffic Control Laborer	\$51.48	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Traffic Control Supervisor	\$54.55	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Truck Spotter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tugger Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>



Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 0-30 psi	\$158.87	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$163.90	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$167.58	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$173.28	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$175.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$180.50	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$182.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$184.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$186.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Tunnel Work-Miner	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Vibrator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Vinyl Seamer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Watchman	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Welder	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Well Point Laborer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers</a>	Window Washer/Cleaner	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Landscape Construction</a>	Landscape Construction/Landscaping Or Planting Laborers	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Pierce	<a href="#">Landscape Construction</a>	Landscape Operator	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$17.07		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Lathers</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Marble Setters</a>	Journey Level	\$66.32	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Pierce	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Millwright</a>	Journey Level	\$73.08	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Modular Buildings</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Painters</a>	Journey Level	\$49.46	<a href="#">6Z</a>	<a href="#">11J</a>		<a href="#">View</a>
Pierce	<a href="#">Pile Driver</a>	Crew Tender	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Pile Driver</a>	Journey Level	\$71.98	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Plasterers</a>	Journey Level	\$67.49	<a href="#">7Q</a>	<a href="#">1R</a>		<a href="#">View</a>
Pierce	<a href="#">Plasterers</a>	Nozzleman	\$71.49	<a href="#">7Q</a>	<a href="#">1R</a>		<a href="#">View</a>
Pierce	<a href="#">Playground &amp; Park Equipment</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>

	<a href="#">Installers</a>						
Pierce	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$83.47	<a href="#">5A</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operator	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Assistant Engineer	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: Concrete	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Bobcat	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Brooms	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cableways	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Chipper	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Compressor	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine -laser Screed	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Conveyors	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>

Pierce	<a href="#">Power Equipment Operators</a>	Crusher	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Deck Engineer/deck Winches (power)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Derricks: on building work	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Elevator and man-lift: permanent and shaft type	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Forklift: 3000 lbs and over with attachments	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Forklifts: under 3000 lbs. with attachments	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Gradechecker/stakeman	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Guardrail punch/Auger	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Locator	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Operator	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Hydralifts/boom trucks: over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Loader, Overhead 8 Yards. & Over	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Motor patrol graders	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

		Operator					
Pierce	<a href="#">Power Equipment Operators</a>	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Power Plant	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Quad 9, HD 41, D10 And Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Quick Tower: no cab, under 100 feet in height based to boom	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Rigger and Bellman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Rollagon	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Service Engineers: equipment	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shotcrete/gunite Equipment	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$78.81	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Pierce	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Spreader, Topsider & Screedman	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Tower Cranes: over 250' in height from base to boom.	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Welder	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Asphalt Plant Operator	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Engineer	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch Plant Operator: Concrete	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bobcat	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brooms	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bump Cutter	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cableways	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Chipper	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Compressor	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Concrete Finish Machine -laser Screed	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-</a>	Concrete Pump - Mounted Or	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



	<a href="#">Underground Sewer &amp; Water</a>	Trailer High Pressure Line Pump, Pump High Pressure					
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Conveyors	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Crusher	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Deck Engineer/deck Winches (power)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Derricks: on building work	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Drilling Machine	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Elevator and man-lift: permanent and shaft type	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Forklift: 3000 lbs and over with attachments	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Forklifts: under 3000 lbs. with attachments	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Gradechecker/stakeman	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Guardrail punch/Auger	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Horizontal/directional Drill Locator	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Horizontal/directional Drill Operator	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Hydralifts/boom trucks: over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Loader, Overhead 8 Yards. & Over	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Locomotives, All	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Material Transfer Device	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Motor patrol graders	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Pavement Breaker	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-</a>	Pile Driver (other Than Crane	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Underground Sewer &amp; Water</a>	Mount)					
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Power Plant	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Pumps - Water	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Quad 9, HD 41, D10 And Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Quick Tower: no cab, under 100 feet in height based to boom	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rigger and Bellman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Rollagon	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roller, Plant Mix Or Multi-lift Materials	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Saws - Concrete	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Scrapers, Self-propelled: 45 Yards And Over	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Service Engineers: equipment	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shotcrete/gunite Equipment	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$78.03	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Slipform Pavers	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Spreader, Topsider & Screedman	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Tower Cranes: over 250' in height from base to boom.	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$77.24	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Trenching Machines	\$75.97	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Welder	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$72.66	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$76.56	<a href="#">15J</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$57.22	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$54.32	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$57.22	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$51.18	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$38.99	<a href="#">5A</a>	<a href="#">4A</a>		<a href="#">View</a>
Pierce	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$83.96	<a href="#">5A</a>	<a href="#">1G</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Brick Mason</a>	Journey Level	\$27.02		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Carpenters</a>	Journey Level	\$49.92	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Cement Masons</a>	Journey Level	\$45.99		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$70.61	<a href="#">5P</a>	<a href="#">1E</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Electricians</a>	Journey Level	\$44.11		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Glaziers</a>	Journey Level	\$75.91	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$24.52		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Residential Laborers</a>	Journey Level	\$33.97		<a href="#">1</a>		<a href="#">View</a>

Pierce	<a href="#">Residential Marble Setters</a>	Journey Level	\$29.29		<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Painters</a>	Journey Level	\$49.46	<u>6Z</u>	<u>11J</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$83.47	<u>5A</u>	<u>1G</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$83.47	<u>5A</u>	<u>1G</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$94.11	<u>7F</u>	<u>1E</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$55.56	<u>5A</u>	<u>3J</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$55.95	<u>5C</u>	<u>2R</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Stone Masons</a>	Journey Level	\$29.29		<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$15.74		<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$21.96		<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Residential Tile Setters</a>	Journey Level	\$25.98		<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Roofers</a>	Journey Level	\$59.00	<u>5A</u>	<u>2O</u>	<a href="#">View</a>
Pierce	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$62.00	<u>5A</u>	<u>2O</u>	<a href="#">View</a>
Pierce	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$94.11	<u>7F</u>	<u>1E</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Boilermaker	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Carpenter	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Crane Operator	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Electrician	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Heat & Frost Insulator	\$84.58	<u>15H</u>	<u>11C</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Laborer	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Machinist	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Operating Engineer	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Painter	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Pipefitter	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Rigger	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Sheet Metal	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Shipfitter	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Warehouse/Teamster	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Welder / Burner	\$39.58	<u>7V</u>	<u>1</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Boilermaker	\$50.35	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Carpenter	\$50.95	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Crane Operator	\$45.06	<u>7Y</u>	<u>4K</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Electrician	\$50.42	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Heat & Frost Insulator	\$84.58	<u>15H</u>	<u>11C</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Laborer	\$50.95	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Machinist	\$50.95	<u>7X</u>	<u>4J</u>	<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Operating Engineer	\$45.06	<u>7Y</u>	<u>4K</u>	<a href="#">View</a>

Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Painter	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Pipefitter	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Rigger	\$50.35	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Sheet Metal	\$50.35	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Shipwright	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
Pierce	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Warehouse / Teamster	\$45.06	<a href="#">7Y</a>	<a href="#">4K</a>		<a href="#">View</a>
Pierce	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Sign Installer	\$26.17		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Sign Maker	\$20.33		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Sign Installer	\$33.43		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Sign Maker	\$22.79		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Soft Floor Layers</a>	Journey Level	\$55.56	<a href="#">5A</a>	<a href="#">3J</a>		<a href="#">View</a>
Pierce	<a href="#">Solar Controls For Windows</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$90.99	<a href="#">5C</a>	<a href="#">1X</a>		<a href="#">View</a>
Pierce	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Stone Masons</a>	Journey Level	\$66.32	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Pierce	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$21.69		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Surveyors</a>	Assistant Construction Site Surveyor	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Surveyors</a>	Chainman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Surveyors</a>	Construction Site Surveyor	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Surveyors</a>	Drone Operator (when used in conjunction with surveying work only)	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Surveyors</a>	Ground Penetrating Radar	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
Pierce	<a href="#">Telecommunication Technicians</a>	Journey Level	\$51.14	<a href="#">6Z</a>	<a href="#">1B</a>		<a href="#">View</a>
Pierce	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$39.15	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Pierce	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$26.29	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Pierce	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$32.72	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Pierce	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$37.00	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Pierce	<a href="#">Terrazzo Workers</a>	Journey Level	\$60.36	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Pierce	<a href="#">Tile Setters</a>	Journey Level	\$60.36	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Pierce	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$51.19	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
Pierce	<a href="#">Traffic Control Stripers</a>	Journey Level	\$51.90	<a href="#">7A</a>	<a href="#">1K</a>		<a href="#">View</a>
Pierce	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
Pierce	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
Pierce	<a href="#">Truck Drivers</a>	Dump Truck	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
Pierce	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>

Pierce	<a href="#">Truck Drivers</a>	Other Trucks	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
Pierce	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
Pierce	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$16.09		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Pierce	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.30		<a href="#">1</a>		<a href="#">View</a>

## Benefit Code Key – Effective 8/31/2022 thru 3/2/2023

\*\*\*\*\*

### 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.

- 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.

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

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

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

**Overtime Codes Continued**

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.
- H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

**Overtime Codes Continued**

11. I. 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. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Any shift starting between the hours of 6:00 pm and midnight shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift.
- J. All hours worked on holidays shall be paid at double the hourly rate of wage.
- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.
- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

**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).

**Holiday Codes Continued**

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

**Holiday Codes Continued**

7. D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

**Holiday Codes Continued**

7. 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.
- 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.

**Holiday Codes Continued**

7. 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.
15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, and Christmas Day (8). When the following holidays fall on a Saturday (New Year's Day, Independence Day, and Christmas Day) the preceding Friday will be considered as the holiday; should they fall on a Sunday, the following Monday shall be considered as the holiday.



**Holiday Codes Continued**

15. I. Holidays: New Year's Day, President's Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the last regular workday before Christmas (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- J. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

**Note Codes**

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.

**Note Codes Continued**

8. V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.

- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.

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

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

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

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

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

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

**Note Codes Continued**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**WSDOT's  
Predetermined List for  
Suppliers - 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.]