

CONTRACT DOCUMENTS

Wrigley Drive Extension



City of
PASCO
Washington

PROJECT NO. 15009
FEDERAL AID NO. STPUL-3552(001)

Approved for Construction:

CIP Manager
City of Pasco

09/28/2020

Date

COPY _____

CONTRACT DOCUMENTS

WRIGLEY DRIVE EXTENSION



PROJECT NO. 15009

FEDERAL AID NO. STPUL-3552(001)

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ATTENTION CONTRACTORS

INVITATION TO BID

**Wrigley Drive Extension
Project # 15009, Federal Aid No. STPUL-3552(001)**

The City of Pasco, Washington is inviting and requesting bid proposals for the **Wrigley Drive Extension** project. This project involves:

SCHEDULE A – Roadway Improvements

Construction of a new roadway connection between Convention Drive and Clemente Lane, including approximately 585 CY of excavation and embankment compaction, 1,675 TON crushed surfacing, 510 TON HMA pavement, 1,090 LF cement concrete curb and gutter, storm drainage, permanent signing, pavement markings, and related improvements.

SCHEDULE B – Local Improvements

Locally funded water, sewer, and irrigation improvements between Convention Drive and Clemente Lane, including approximately 1 manhole, 455 LF of sanitary sewer pipe, 680 LF of water main, a hydrant assembly, an irrigation system, and related improvements.

This contract has thirty (30) working days to complete the work.

In an effort to provide proper social distancing to Contractors and City Staff, the City of Pasco has opted to conduct the bidding of this project through an online bidding process. The bidding will be done through QuestCDN's Online Bidding Platform: VirtuBid™.

Bid documents, including plans and specifications, may be obtained beginning **October 2, 2020** through QuestCDN.com using eBidDoc No. **7307858**, for the standard download fee of \$15.00.

Bids shall be submitted electronically via the secure network/platform on QuestCDN.com, and shall be accepted up to the hour of **2:00PM on October 27, 2020**.

For use of this process, the Contractor will be subjected to an additional fee of \$30.00 to bid this project digitally. QuestCDN.com can be contacted at 952-233-1632 or info@questcdn.com for additional information and assistance on this bidding process and further fee explanation(s).

Bids will be publicly opened and read aloud, via live stream webinar at the subsequent time of **2:00PM on October 27, 2020**. To participate in the public webinar meeting from a computer, tablet, or smartphone, please use the following information: <https://global.gotomeeting.com/join/504268589>; **OR**, via telephone, United States [+1 \(872\) 240-3412](tel:+18722403412), Access Code: **504-268-589**.

All bids must be accompanied by a "Good Faith Token" in the form of a Certified Check, Cashier's Check or Bid Bond in the amount of not less than 5 percent (5%) of the total or highest bid.

Technical questions regarding the scope of this project should be put in writing and directed to Michael Uhlman, Project Manager, City of Pasco, Public Works, 525 N. 3rd Avenue, PO Box 293, Pasco, WA 99301, Fax (509) 545-3444; email: uhlmanm@pasco-wa.gov.

Bids will only be accepted from Contractors who are eligible to perform services as governed by PMC 14.15 and who are listed on the QuestCDN Planholders list. Upon award, Contractor (and subcontractors) shall have a current City of Pasco Business License.

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

Projects funded wholly or in part by Federal appropriations must comply with Code of Federal Regulations; 24 CFR 570.502, 24 CFR 85.36, 2 CFR 200. All federally-funded projects will be held to federal Equal Employment Opportunity (EEO) requirements. The City of Pasco is an equal opportunity and affirmative action employer. Small, minority, and women-owned businesses are encouraged to submit bids. The City of Pasco in accordance with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. This material can be made available in an alternate format by e-mailing Dustin Wittman at wittmand@pasco-wa.gov or calling (509) 545-3447.

The City reserves the right to reject any and all bids, and to waive technicalities or irregularities, and after careful consideration of all bids and factors involved make the award to best serve the interests of the City of Pasco.

DATED: September 29, 2020

Publish: October 2, 2020
October 9, 2020

Michael Uhlman, P.E.
Project Manager

Information for Bidders

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INFORMATION FOR BIDDERS

STANDARD SPECIFICATIONS

The Standard Specifications for the municipal Public Works Construction, as prepared by the Washington Department of Transportation 2020 Standard Specifications for Road, Bridge, and Municipal Construction hereinafter referred to as "Standard Specifications," hereby references are made a part of this contract as amended by the WSDOT and the APWA general special provisions as indicated and supplemented by the "Special Provisions." Copies of the Standard Specifications are available for review and inspection at the office of the Engineer. Copies of the Standard Specifications may be purchased from:

Washington State Department of Transportation (WSDOT)
Engineering Publications
Post Office Box 47408
Olympia, WA. 98504-7408

Any reference to the **2020** Standard Specifications for Road, Bridge and Municipal Construction shall read **2020** Standard Specifications for Road, Bridge and Municipal Construction.

EXPLANATION OF CONTRACT DOCUMENTS AND WORK SITE

Bidders should carefully examine the Contract Documents and work site to fully acquaint themselves with all the conditions and matters, which can in any way affect the work or the cost thereof. Any explanation regarding the meaning or interpretation of the Contract Documents must be requested in writing, with sufficient allowance of time for receipt of reply before the time of the bid opening. Any such explanations or interpretations shall be made in the form of addenda to the documents and shall be furnished to all bidders, who shall submit all addenda with their bids. Oral explanations and interpretations made prior to the bid opening shall not be binding.

QUALIFICATION OF BIDDERS

All bidders must be qualified in accordance with Pasco Municipal Code Chapter 14.15 'Qualification for Public Works Construction'. The City reserves the right to reject any bid of such bidder who is not eligible to perform services as governed by PMC 14.15.

WATER

If City water is used for any work related to this project, a Fire Hydrant Meter and Gate Valve will be furnished by the City of Pasco to be used specifically for this project. The Contractor shall be charged an \$800 return deposit plus a \$50 non-refundable handling and processing fee for the meter and valve. The City will charge the Contractor for any water used in the construction of the project. Any water used for this project shall be considered incidental to construction and will be paid per WSDOT Standard Specification 2-07.5. The Contractor shall not

operate the hydrant as a gate valve, nor shall the Contractor be allowed to operate any other City owned valve. The Contractor shall provide the necessary back flow prevention device when connecting to the water service. The Fire Hydrant Meter requirements and the Fire Hydrant Meter Application are available at the Customer Service Window and the Engineering Department.

Fire Hydrant Meters shall be read daily and submitted to the CIP Manager weekly. There shall be no specific measurement and payment for the use of water. All payments necessary to meet the requirements of this provision shall be considered incidental to the work and included in the Contract price.

SUBMISSION OF BID PROPOSAL

The City of Pasco (herein called the City and/or Owner) invites Bidders (herein called the Contractor) to submit bids on the proposal forms (Sec. 1-02.13) (bid package) to be provided to those Bidders pre-qualified in accordance with PMC 14.15 (Sec. 1-02.1).

In an effort to provide proper social distancing to Contractors and City Staff, the City of Pasco has opted to conduct the bidding of this project through an online bidding process. The bidding will be done through QuestCDN's Online Bidding Platform.

Bids shall be submitted electronically via the secure network/platform on QuestCDN.com, and shall be accepted up to the hour of **2:00PM on October 27, 2020**.

For use of this process, the Contractor will be subjected to an additional fee of \$30.00 to bid this project digitally. QuestCDN.com can be contacted at 952-233-1632 or info@questCDN.com for additional information and assistance on this bidding process and further fee explanation(s).

Bids will be opened in accordance with the section herein titled **Bid Opening Procedure for Covid-19 Protective Measures**.

The proposal forms to be completed for the bid package include:

The Proposal (Sec. 1-02.6), the Bid Security (surety bond), the Non-Collusion Declaration (Sec. 1-02.8(1)), the Subcontractor Disclosure (Sec. 1-02.6), and Acknowledgement of any Addenda (Sec. 1-02.6). All blank spaces for bid prices shall be completed either in ink or be type written and shall contain the appropriate amounts in figures (Sec. 1-02.6). **A scanned copy of these completed proposal forms shall be uploaded to QuestCDN as part of the Bid.**

Within 48 hours of the bid being due, an original copy of the Bid Security (surety bond) shall be mailed in a sealed envelope to the office of the City Clerk, City

Hall 1st Floor, 525 North 3rd Avenue, Pasco, Washington, 99301, addressed to the Mayor and City Council. The sealed envelope shall clearly indicate the company name, and project (i.e. **CITY OF PASCO – 15009 – WRIGLEY DRIVE EXTENSION** for which they are intended.

Bid Security shall be in the form of a certified check, cashier's check, bid bond, or money order made payable to the 'City of Pasco' in the amount of equal to at least five percent (5%) of the total amount of the bid. Security deposited by an unsuccessful bidder will be returned as soon as practicable after the bid opening.

Any bid may be withdrawn prior to the scheduled time for the opening of bids or authorized postponement thereof (Sec. 1-02.10). Any bid received after the time and date specified shall not be considered (Sec. 1-02.9). No bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof (Sec. 1-03.2).

Bids will be accepted from Contractors who are eligible to perform services as governed by PMC 14.15 and who obtained original bid documents from either QuestCDN.com

Please see Appendix A for QuestCDN On-Line Bidding User Guide. This guide details how a bidder can submit their numbers and forms within properly via QuestCDN VirtuBid™.

SCHEDULE OF EVENTS

Once the lowest responsible bidder has been determined and the City Council has authorized award of the Contract, the City will mail or otherwise transmit to the Contractor the necessary Contract Documents for execution. The Contractor will have a maximum of ten (10) calendar days from the date of award in which to complete and return the Contract Documents along with the Performance Bond and Certificate of Insurance (Sec. 1-03.3). Once all the contract documents have been returned, a Pre-Construction Conference will be held and the Notice to Proceed will be issued (Sec. 1-08.4).

AWARD OF CONTRACT

The award of the contract is contingent upon approval by the Pasco City Council. It is the intent of the City to award a contract to the lowest responsible bidder provided the bid has been submitted in accordance with the requirements of the bidding documents and does not exceed the funds available.

The City reserves the right to (Sec 1-03.1):

- Waive any informality in bids received when such waiver is in the best interest of the City.
- Accept Alternates in any order or combination, unless otherwise specifically provided in the bidding documents, and to determine the low

bidder on the basis of the sum of the Base Bid and the Alternates accepted.

- Reject any and all bids.
- Republish the invitation for bids.

PREVAILING WAGE REQUIREMENTS

Because this is a Public Works contract, the Contractor and all sub-contractors must follow the State's Prevailing Wage requirements. The Contractor must submit the Intent and Affidavit forms, approved by the Department of Labor and Industries. Intent forms must be filed prior to the start of work, if possible. Affidavits are filed after completion of the work. The City may not make any payments where the Contractor and all sub-contractors have not submitted the approved Intent form; nor may not release retainage until the Contractor and all sub-contractors have submitted the approved Affidavit forms.

The City requests that certified payroll for the Contractor and all sub-contractors be provided on a weekly basis.

DISADVANTAGED BUSINESS ENTERPRISE CONDITION OF AWARD PARTICIPATION

The project is partially financed by federal Surface Transportation Program (STP). In accordance with federal requirements, the Condition of Award DBE goal established for this Project is Zero percent 0%. Refer to Special Provisions for additional information.

BID OPENING PROCEDURE FOR COVID-19 PROTECTIVE MEASURES

Whereas, in accordance with Resolution No. 3950, on March 23, 2020, City Hall and other certain City of Pasco public facilities are temporarily closed. These orders will remain in effect for the duration of Proclamation No. 20-25, requiring the aforementioned temporary closure ordered by the Office of the Governor, as amended, unless extended or terminated by separate written order.

Now therefore, the Bid Opening for this project will adhere to certain limitations and provisions in accordance with the closure of Pasco City Hall. As a safety precaution during the temporary closure, Bidders **will not** be granted access into City Hall to attend the Bid Opening.

However, the Bid Opening will remain open to the public, and has been modified to take place at **2:00PM** on **October 27, 2020** via **public webinar**.

All remote attendees will be given an opportunity to ask questions towards the end of the webinar session.

To participate in the public Bid Opening, please join the public webinar meeting from your computer, tablet or smartphone using the information below:

City of Pasco Bid Opening - Wrigley Drive Extension
Tue, Oct 27, 2020 1:30 PM - 2:30 PM (PDT)

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/504268589>

You can also dial in using your phone.

(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (872) 240-3412

- One-touch: <tel:+18722403412,504268589#>

Access Code: 504-268-589

New to GoToMeeting? Get the app now and be ready when your first meeting starts: <https://global.gotomeeting.com/install/504268589>

BID SCHEDULES

The proposal contains 2 (two) bid schedules. The determination of the low bid is based on the sum total of schedules A and B.

Proposal

Bid Proposal P-1
Subcontract Disclosure..... SD-1
Bid Bond BB-1
Contractor Certification Wage Law Compliance – Responsibility Criteria..... 272-009
Non-Collusion Declaration & Debarment Affidavit 272-036I
Local Agency Proposal – Signature Page 272-036K
Certification for Federal-Aid Contracts..... 272-040A

UNIT PRICE BID PROPOSAL

(NOTE: Unit prices for all items, all extensions, and total amount of bid must be shown. Any changes/corrections to the bid must be initialed by the signer of the bid, in accordance with Section 1-02.5.)

CITY OF PASCO
 WRIGLEY DRIVE EXTENSION
 STPUL-3552(001)
 CITY OF PASCO PROJECT NO. 15009

ITEM NO.	ITEM DESCRIPTION	PAYMT SPEC	UNIT	QUANTITY		UNIT PRICE DOLLARS-CTS		AMOUNT DOLLARS-CTS
SCHEDULE A – ROADWAY IMPROVEMENTS								
1	Minor Change	1-04.4(1)	FA	Est.	X	\$5,000.00	=	\$5,000.00
2	Roadway Surveying	1-05.4	LS	---	X	---	=	
3	SPCC Plan	1-07.15(1)	LS	---	X	---	=	
4	Mobilization	1-09.7	LS	---	X	---	=	
5	Project Temporary Traffic Control	1-10.5	LS	---	X	---	=	
6	Clearing and Grubbing	2-01.5	LS	---	X	---	=	
7	Removal of Structures and Obstructions	2-02.5	LS	---	X	---	=	
8	Unclassified Excavation Incl. Haul	2-03.5	CY	585	X		=	
9	Embankment Compaction	2-03.5	CY	175	X		=	
10	Crushed Surfacing Base Course	4-04.5	TON	1,350	X		=	
11	Crushed Surfacing Top Course	4-04.5	TON	325	X		=	
12	HLA Cl. 3/8-Inch PG 64S-28	5-04.5	TON	510	X		=	
13	Storm Sewer Pipe 12 In. Diam	7-04.5	LF	45	X		=	
14	Ductile Iron Storm Sewer Pipe 8 In. Diam	7-04.5	LF	85	X		=	
15	Underdrain Pipe Infiltration Trench System 12 In. Diam.	7-04.5	LF	85	X		=	
16	Catch Basin Type 1	7-05.5	EA	4	X		=	
17	Catch Basin Type 2 48 In. Diam.	7-05.5	EA	2	X		=	
18	Adjust Manhole	7-05.5	EA	1	X		=	
19	Shoring or Extra Excavation	7-08.5	LF	85	X		=	
20	Select Backfill, as Directed	7-08.5	CY	60	X		=	
21	Adjust Valve Box	7-12.5	EA	2	X		=	
22	ESC Lead	8-01.3(1)B	DAY	10	X		=	
23	Erosion/Water Pollution Control	8-02.5	FA	Est.	X	\$1,500.00	=	\$1,500.00
24	Cement Conc. Traffic Curb and Gutter	8-04.5	LF	1,090	X		=	
25	Extruded Curb	8-04.5	LF	61	X		=	
26	Conduit Pipe 4 In. Diam.	8-20.5	LF	240	X		=	
27	Permanent Signing	8-21.5	LS	---	X	---	=	
28	Pavement Markings	8-22.5	LS	---	X	---	=	
SCHEDULE A TOTAL								

ITEM NO.	ITEM DESCRIPTION	PAYMT SPEC	UNIT	QUANTITY		UNIT PRICE DOLLARS-CTS		AMOUNT DOLLARS-CTS
SCHEDULE B – LOCAL IMPROVEMENTS								
29	Manhole 48 In. Diam. Type 1	7-05.5	EA	1	X		=	
30	Shoring or Extra Excavation	7-08.5	LF	1,135	X		=	
31	8 In. Ductile Iron Pipe for Water Main 8 In. Diam	7-09.5	LF	680	X		=	
32	Blow Off Assembly	7-09.5	EA	3	X		=	
33	Gate Valve 8 In.	7-12.5	EA	3	X		=	
34	Hydrant Assembly	7-14.5	EA	1	X		=	
35	Irrigation System	7-16.5	LS	---	X	---	=	
36	PVC Sanitary Sewer Pipe 8 In. Diam.	7-17.5	LF	55	X		=	
37	PVC Sanitary Sewer Pipe 10 In. Diam.	7-17.5	LF	400	X		=	
8.6% STATE SALES TAX								
SCHEDULE B TOTAL								
SCHEDULES A AND B TOTAL								

SUBCONTRACT DISCLOSURE

All Subcontractors must be qualified in accordance with Pasco Municipal Code 14.10, at the time of bid submittal. Bidder acknowledges that work performed by a non-qualified subcontractor will not be accepted by the City of Pasco.

We, the undersigned, intend to employ the following subcontractors, in order to fully perform the work outlined in these specifications, as required by RCW 39.30.060. Further, we acknowledge that qualification of subcontractors must be in place no later than when subcontractors are required to perform any work on the project.

We intend to employ the firm(s) of:

	<u>NAME</u>	<u>ADDRESS</u>	<u>UBI #</u>	<u>List Item Number</u>
1)	_____			
	(Electrical)			
2)	_____			
	(Plumbing)			
3)	_____			
	(HVAC)			
4)	_____			
	(Structural Steel Installation)			
5)	_____			
	(Rebar Installation)			
6)	_____			
7)	_____			

and represent and warrant that the work will be performed by said subcontractors in a good and workmanlike manner and under our direct supervision. We further represent and warrant that the work to be performed by them constitutes approximately _____ percent of the total dollar value of said contract.

Description of work to be performed by Prime Contractor:

FIRM: _____

NAME: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____
_____ as Principal, and _____
_____ as Surety, are hereby held and firmly bound unto the
City of Pasco as OWNER in the penal sum of _____ for
the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves,
successors and assigns.

Signed, this _____ day of _____, 20____.

The conditions of the above obligation is such that whereas the Principal has submitted to the
City of Pasco a certain BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the

NOW THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing work or furnishing materials in connections therewith, and shall in all other respects perform the agreement created by the acceptance of said BID.

Then, this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

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

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

Principal

Surety

By: _____

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State of Washington.

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

NON-COLLUSION DECLARATION

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

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

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

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

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

Local Agency Proposal - Signature Page

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

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

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

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

Signature of Authorized Official(s)

Firm Name _____

Address _____

State of Washington Contractor's License No. _____

Federal ID No. _____

Note:

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

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.

Contract Regulations

Contract.....	CO-1
Performance Bond	PB-1
Payment Bond	PAB-1

CONTRACT
WRIGLEY DRIVE EXTENSION
Project No. 15009, FEDERAL AID NO. STPUL-3552(001)

STATE OF WASHINGTON)
) ss
COUNTY OF FRANKLIN)

This agreement and contract made and entered into in triplicate this _____ day of _____, 2020, by and between the City of Pasco, a municipal corporation, hereinafter called the City and _____ hereinafter called the Contractor.

WITNESSETH:

That whereas, the City has caused to be prepared certain plans and specifications for improvements in and for the City of Pasco and the Contractor did on the _____ day of _____, 2020 file with the Office of the City Clerk of the City of Pasco, Washington, a Proposal to furnish all equipment, labor, materials and appurtenances and to pay for the same, and agreed to accept for and in full consideration of the sums fully stated and set forth in said Proposal as full compensation for the completed work.

WHEREAS, the said plans, specifications and proposal fully and accurately described the terms and conditions upon which the contractor proposes to furnish said equipment, labor, tools, materials and appurtenances and perform work, together with the manner and time of furnishing the same.

It is therefore agreed, first that a copy of said specifications, plans and proposal, filed as aforesaid on the _____ day of _____, 2020 be attached hereto and the same are hereby made the items and conditions of this agreement by and between the City and Contractor in all matters and things therein set forth and described; and further that the City and the Contractor accept and agree to the terms and conditions of said plans, specifications and proposal as filed as completely as if said terms and conditions and plans are herein set out in full.

In witness whereof the parties hereto have caused this agreement to be executed the day and year herein above written this _____ day of _____, 2020.

CITY OF PASCO

BY: _____
 Dave Zabell, City Manager

Contractor Signature

ATTEST: _____
 Debra Barham, City Clerk

By: Printed Name

Approved as to form:

City Attorney

**PERFORMANCE BOND
BOND TO THE CITY OF PASCO**

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, _____
as principal, and _____ a corporation
organized and existing under the laws of the State of Washington, as a surety corporation, and
qualified under the laws of the State of Washington to become surety upon bonds of
contractors with Municipal Corporations, as surety, are jointly and severally held and firmly
bound to the City of Pasco in the penal sum of _____ for the payment of
which sum on demand we bind ourselves and our successors, heirs, administrators or personal
representatives as the case may be.

This obligation is entered into a pursuance of the statutes of the State of Washington, and
ordinances of the City of Pasco.

Dated at _____, Washington, this _____ day of _____, 2020.

Nevertheless, the conditions of the above obligation are such that:

WHEREAS, pursuant to action taken by the City Council of the City on _____, 2020,
the Mayor and City Clerk of the City of Pasco have let or are about to let to the said
_____, the above bounden principal, a certain contract, the same
contract being numbered **15009/Fed Aid #STPUL-3552(001)** and providing for **Wrigley
Drive Extension** (which contract is referred to herein and is made a part hereof as though
attached hereto.)

WHEREAS, the said principal has accepted, or is about to accept the said contract, and
undertake to perform the work wherein provided for in the manner and within the time set
forth.

NOW, THEREFORE, if the said _____ shall faithfully perform all
of the provisions of said contract in the manner and within the time therein set forth, or within
such extensions of the time as may be granted under the contract, and shall pay all laborers,
mechanics, subcontractors, and material men, and all persons who shall supply said principal or
subcontractors with provisions and supplies for the carrying on of said work, and shall
indemnify and hold said City of Pasco harmless from any loss or damage occasioned to any
person or property by reason of any carelessness or negligence on the part of said principal, or
any subcontractor in the performance of said work, and shall indemnify and hold the City of
Pasco harmless from any damage or expense by reason or failure of performance as specified in
said contract or from defects appearing or developing in the material or workmanship provided
or performed under said contract after its acceptance thereof by the City of Pasco, then and in
that event this obligations shall be void; but otherwise it shall be and remain in full force and
effect.

Approved as to Form:

Surety

Contractor

Special Provisions

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SPECIAL PROVISIONS

FOR

CITY OF PASCO

WRIGLEY DRIVE EXTENSION

STPUL-3552(001)

CITY OF PASCO PROJECT NO. 15009

INTRODUCTION TO THE SPECIAL PROVISIONS

(August 14, 2013 APWA GSP)

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2020 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications, as modified or supplemented by the Amendments to the Standard Specifications and these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

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

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

(March 8, 2013 APWA GSP)

(April 1, 2013 WSDOT GSP)

Also incorporated into the Contract Documents by reference are:

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

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

DESCRIPTION OF WORK

The project consists of the following work:

SCHEDULE A – Roadway Improvements

Construction of a new roadway connection between Convention Drive and Clemente Lane, including approximately 585 CY of excavation and embankment compaction, 1,675 TON crushed surfacing, 510 TON HMA pavement, 1,090 LF cement concrete curb and gutter, storm drainage, permanent signing, pavement markings, and related improvements.

SCHEDULE B – Local Improvements

Locally funded water, sewer, and irrigation improvements between Convention Drive and Clemente Lane, including approximately 1 manhole, 455 LF of sanitary sewer pipe, 680 LF of water main, a hydrant assembly, an irrigation system, and related improvements.

The quantities of work indicated in the proposal are to be considered as estimates and are for comparative bidding purposes only. All payments will be made on the basis of actual field measurement of Contract work completed.

All work shall be done in accordance with the Plans, the Standard Specifications for Road, Bridge, and Municipal Construction prepared by the Washington State Department of Transportation dated 2020, referenced codes and organizations, and these Special Provisions.

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

(January 4, 2016 APWA GSP)

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

Dates

Bid Opening Date

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

Award Date

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

Contract Execution Date

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

Notice to Proceed Date

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

Substantial Completion Date

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

Physical Completion Date

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

Completion Date

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

Final Acceptance Date

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

Supplement this Section with the following:

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

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

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

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

Additive

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

Alternate

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

Business Day

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

Contract Bond

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

Contract Documents

See definition for "Contract".

Contract Time

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

Notice of Award

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

Notice to Proceed

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

Traffic

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

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this section and replace it with the following:

1-02.1 Qualifications of Bidder

(January 24, 2011 APWA GSP)

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

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

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

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

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

1-02.4(1) General

(August 15, 2016 APWA GSP Option B)

The first sentence of the last paragraph is revised to read:

Any prospective Bidder desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing by close of business four (4) days preceding the bid opening to allow a written reply to reach all prospective Bidders before the submission of their Bids.

1-02.4(2) Subsurface Information

(March 8, 2013 APWA GSP)

The second sentence in the first paragraph is revised to read:

The Summary of Geotechnical Conditions and the boring logs, if and when included as an appendix to the Special Provisions, shall be considered as part of the contract.

1-02.5 Proposal Forms

(July 31, 2017 APWA GSP)

Delete this section and replace it with the following:

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

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

1-02.6 Preparation of Proposal

(July 11, 2018 APWA GSP)

Supplement the second paragraph with the following:

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

5. Any correction to a bid made by interlineation, alteration, or erasure, shall be initialed by the signer of the bid.

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

If no Subcontractor is listed, the Bidder acknowledges that it does not intend to use any Subcontractor to perform those items of work.

The Bidder shall submit with their Bid a completed Contractor Certification Wage Law Compliance form, provided by the Contracting Agency. Failure to return this certification as part of the Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A Contractor Certification of Wage Law Compliance form is included in the Proposal Forms.

The Bidder shall make no stipulation on the Bid form, nor qualify the Bid in any manner.

A bid by a corporation shall be executed in the corporate name, by the president or a vice president (or other corporate officer accompanied by evidence of authority to sign).

A bid by a partnership shall be executed in the partnership name and signed by a partner. A copy of the partnership agreement shall be submitted with the Bid Form if any UDBE requirements are to be satisfied through such an agreement.

A bid by a joint venture shall be executed in the joint venture name and signed by a member of the joint venture. A copy of the joint venture agreement shall be submitted with the Bid Form if any UDBE requirements are to be satisfied through such an agreement.

(August 2, 2004, WSDOT GSP)

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

1-02.7 Bid Deposit

(March 8, 2013 APWA GSP)

Supplement this section with the following:

Bid bonds shall contain the following:

1. Contracting Agency-assigned number for the project;
2. Name of the project;
3. The Contracting Agency named as obligee;

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

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

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

1-02.9 Delivery of Proposal

(December 19, 2019 APWA GSP Option C)

Delete this section and replace it with the following:

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

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

- UDBE Written Confirmation Document from each UDBE firm listed on the Bidder's completed UDBE Utilization Certification (WSDOT 272-056U);
- Good Faith Effort (GFE) Documentation
- UDBE Bid Item Breakdown (WSDOT 272-054)
- UDBE Trucking Credit Form (WSDOT 272-058)

These documents, if applicable, shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received no later than 48 hours (not including Saturdays, Sundays and Holidays) after the time for delivery of the Bid Proposal.

All other information required to be submitted with the Bid Proposal must be submitted with the Bid Proposal itself, at the time stated in the Call for Bids.

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

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

1-02.10 Withdrawing, Revising, or Supplementing Proposal
(July 23, 2015 APWA GSP)

Delete this section, and replace it with the following:

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

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

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

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

1-02.13 Irregular Proposals

(December 19, 2019 APWA GSP)

Delete this section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
 - a. The Bidder is not prequalified when so required;
 - b. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;
 - c. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
 - d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
 - e. A price per unit cannot be determined from the Bid Proposal;
 - f. The Proposal form is not properly executed;
 - g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
 - h. The Bidder fails to submit or properly complete an Underutilized Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
 - i. The Bidder fails to submit written confirmation from each UDBE firm listed on the Bidder's completed UDBE Utilization Certification that they are in agreement with the bidder's UDBE 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 UDBE 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 UDBE 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 UDBE Trucking Credit Forms, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
 - m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
 - n. More than one Proposal is submitted for the same project from a Bidder under the same or different names.

2. A Proposal may be considered irregular and may be rejected if:
 - a. The Proposal does not include a unit price for every Bid item;
 - b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
 - c. Receipt of Addenda is not acknowledged;

- d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
- e. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders

(May 17, 2018 APWA GSP, Option B)

Delete this section and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet Supplemental Criteria 1-7 listed in this Section.

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

1. Delinquent State Taxes

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

2. Federal Debarment

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

3. Subcontractor Responsibility

- A Criterion: The Bidder’s standard subcontract form shall include the subcontractor responsibility language required by RCW 39.06.020,

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

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

4. **Claims Against Retainage and Bonds**

- A. Criterion: The Bidder shall not have a record of excessive claims filed against the retainage or payment bonds for public works projects in the three years prior to the bid submittal date, that demonstrate a lack of effective management by the Bidder of making timely and appropriate payments to its subcontractors, suppliers, and workers, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.

- B. Documentation: The Bidder, if and when required as detailed below, shall submit a list of the public works projects completed in the three years prior to the bid submittal date that have had claims against retainage and bonds and include for each project the following information:

- Name of project
- The owner and contact information for the owner;
- A list of claims filed against the retainage and/or payment bond for any of the projects listed;
- A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

5. **Public Bidding Crime**

- A. Criterion: The Bidder and/or its owners shall not have been convicted of a crime involving bidding on a public works contract in the five years prior to the bid submittal date.

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

6. Termination for Cause / Termination for Default

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

7. Lawsuits

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

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

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

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

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

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

1-02.15 Pre-Award Information

(August 14, 2013 APWA GSP)

Revise this section to read:

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

1. A complete statement of the origin, composition, and manufacture of any or all materials to be used,

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

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

(January 23, 2006 APWA GSP)

Revise the first paragraph to read:

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

1-03.3 Execution of Contract

(October 1, 2005 APWA GSP)

Revise this section to read:

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

Within ten (10) calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by the Contracting

Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

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

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

1-03.4 Contract Bond

(July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

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

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

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

1-03.7 Judicial Review

(November 30, 2018 APWA GSP)

Revise this section to read:

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

1-04 SCOPE OF THE WORK

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

(March 13, 2012 APWA GSP)

Revise the second paragraph to read:

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

1. Addenda,
2. Proposal Form,

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

1-04.4 Changes

Section 1-04.4 is supplemented with the following:

(April 30, 2020, WSDOT GSP)

Electronically Submitted Change Orders

Change Orders will be transmitted electronically to the Contractor for signature. The Contractor shall apply all signatures electronically using a software as approved by the Contracting Agency. Within 21 days of execution of the Contract, the Contractor shall submit a Type 1 Working Drawing consisting of the names, email addresses, and text message capable phone numbers for the authorized change order signers and shall bear the name, phone number and email of the officer providing this authorization. Delegation of authority to sign Change Orders shall be by the officer authorized to sign the Contract in accordance with Section 1-02.1.

1-05 CONTROL OF WORK

1-05.4 Conformity with and Deviations From Plans and Stakes

Section 1-05.4 is supplemented with the following:

(August 7, 2017 WSDOT GSP)

Contractor Surveying - Roadway

Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall

be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.
4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor.
5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.
6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50

feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.

7. Establish intermediate elevation benchmarks as needed to check work throughout the project.
8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.
9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.
10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of two primary control points used for the horizontal and vertical control, and descriptions of two additional primary control points for every additional three miles of project length. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	<u>Vertical</u>	<u>Horizontal</u>
Slope stakes	±0.10 feet	±0.10 feet
Subgrade grade stakes set 0.04 feet below grade	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Surfacing grade stakes	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (normal to alignment)

The Contracting Agency may spot-check the Contractor's surveying. These spotchecks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

Payment

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

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts stakes, and coordination efforts.

1-05.7 Removal of Defective and Unauthorized Work

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

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

1-05.11 Final Inspection

Delete this section and replace it with the following:

1-05.11 Final Inspections and Operational Testing

(October 1, 2005 APWA GSP)

1-05.11(1) Substantial Completion Date

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

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

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

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

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

When the Contractor considers the work physically complete and ready for final inspection, the Contractor by written notice, shall request the Engineer to schedule a final inspection. The Engineer will set a date for final inspection. The Engineer and the Contractor will then make a final inspection and the Engineer will notify the

Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Engineer is satisfied the listed deficiencies have been corrected.

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

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

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

1-05.11(3) Operational Testing

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

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

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

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

1-05.15 Method of Serving Notices

(March 25, 2009 APWA GSP)

Revise the second paragraph to read:

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

1-05.16 Water and Power

(October 1, 2005 APWA GSP)

Add the following new section:

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

1-06 CONTROL OF MATERIAL

Add the following new section:

Buy America – Option A

(August 6, 2012 WSDOT GSP)

In accordance with Buy America requirements contained in 23 CFR 635.410, the major quantities of steel and iron construction material that is permanently incorporated into the project shall consist of American-made materials only. Buy America does not apply to temporary steel items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

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

American-made material is defined as material having all manufacturing processes occurring domestically. To further define the coverage, a domestic product is a manufactured steel material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

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

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

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

The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:
 - a. Open hearth furnace.
 - b. Basic oxygen.
 - c. Electric furnace.
 - d. Direct reduction.
2. Rolling, heat treating, and any other similar processing.

3. Fabrication of the products.
 - a. Spinning wire into cable or strand.
 - b. Corrugating and rolling into culverts.
 - c. Shop fabrication.

A certification of materials origin will be required for any items comprised of, or containing, steel or iron construction materials prior to such items being incorporated into the permanent work. The certification shall be on DOT Form 350-109EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as DOT Form 350-109EF.

1-06.1(4) Fabrication Inspection Expense

(June 27, 2011 APWA GSP)

Delete this section in its entirety.

1-06.6 Recycled Materials

(January 4, 2016 APWA GSP)

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

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

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

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

COVID-19 Health and Safety Plan (CHSP)
(May 13, 2020 WSDOT GSP)

In response to COVID-19, the Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP) in conformance with Section 1-07.4(2) as supplemented in these specifications, **COVID-19 Health and Safety Plan (CHSP)**.

1-07.2 State Taxes

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

1-07.2 State Sales Tax
(June 27, 2011 APWA GSP)

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

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

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

1-07.2(1) State Sales Tax - Rule 171

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

1-07.2(2) State Sales Tax - Rule 170

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

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

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

1-07.2(3) Services

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

1-07.4 Sanitation

1-07.4(2) Health Hazards *(May 13, 2020 WSDOT GSP)*

Section 1-07.4(2) is revised to read:

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.

1-07.7 Load Limits

(March 13, 1995 WSDOT GSP)

Supplement this section with the following:

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

1-07.9 Wages

1-07.9(1) General

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

(January 6, 2020 WSDOT GSP)

The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA20200001.

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

1-07.9(5) Required Documents

Add the following:

If using the occupation code for wage affidavits and payrolls and if the project involves more than one jurisdictional area, the Contractor shall reference the area just after the occupation code number. For example: 10-0010 Yak.E.

1-07.9(5) Required Documents

(January 3, 2020 APWA GSP)

Delete this section and replace it with the following:

General

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

Intents and Affidavits

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

The approved "Statement of Intent to Pay Prevailing Wages" State L&I's form number F700-029-000. The Contracting Agency will make no payment under this Contract until this statement has been approved by State L&I and reviewed by the Engineer.

The approved "Affidavit of Prevailing Wages Paid", State L&I's form number F700-007-000. The Contracting Agency will not grant Completion until all approved Affidavit of Wages paid for the Contractor and all Subcontractors have been received by the Engineer. The Contracting Agency will not release to the Contractor any funds retained under RCW 60.28.011 until "Affidavit of Prevailing Wages Paid" forms have been approved by State L&I and all of the approved forms have been submitted to the Engineer for every firm that worked on the Contract.

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

Certified Payrolls

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

Penalties for Noncompliance

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

1-07.11 Requirements for Nondiscrimination

Section 1-07.11 is supplemented with the following:

(September 3, 2019)

Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)

1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard Federal Equal Employment Opportunity Construction Contract Specifications set forth herein.

2. The goals and timetables for minority and female participation set by the Office of Federal Contract Compliance Programs, expressed in percentage terms for the Contractor's aggregate work force in each construction craft and in each trade on all construction work in the covered area, are as follows:

Women – Statewide

Timetable	Goal
Until further notice	6.9%
<u>Minorities - by Standard Metropolitan Statistical Area (SMSA)</u>	

Spokane, WA:

SMSA Counties:

Spokane, WA 2.8

WA Spokane.

Non-SMSA Counties 3.0

WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield;
WA Lincoln; WA Pend Oreille; WA Stevens; WA Whitman.

Richland, WA

SMSA Counties:

Richland Kennewick, WA 5.4

WA Benton; WA Franklin.

Non-SMSA Counties 3.6

WA Walla Walla.

Yakima, WA:

SMSA Counties:

Yakima, WA 9.7

WA Yakima.

Non-SMSA Counties 7.2

WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA
Okanogan.

Seattle, WA:

SMSA Counties:

Seattle Everett, WA 7.2

WA King; WA Snohomish.

Tacoma, WA 6.2

WA Pierce.

Non-SMSA Counties 6.1

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

Portland, OR:
SMSA Counties:
Portland, OR-WA 4.5
WA Clark.
Non-SMSA Counties 3.8
WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.

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

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

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

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

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

Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)

1. As used in these specifications:
 - a. Covered Area means the geographical area described in the solicitation from which this contract resulted;
 - b. Director means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
 - c. Employer Identification Number means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
 - d. Minority includes:
 - (1) Black, a person having origins in any of the Black Racial Groups of Africa.
 - (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish origin.
 - (3) Asian or Pacific Islander, a person having origins in any of the original peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and Samoa.
 - (4) American Indian or Alaskan Native, a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.
2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan goals and timetables.
4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results

from its action. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:

- a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
- b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
- c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
- d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- e. Develop on-the-job training opportunity and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the U.S. Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their

cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.

- l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
 - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
 - n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
 - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
- 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
- 9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a

particular group is employed in substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, the Contractors will not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area

residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

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

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

Supplement this section with the following:

Disadvantaged Business Enterprise (DBE) Participation
(April 3, 2018 APWA GSP, Option 2, Option A)

Disadvantaged Business Enterprise Participation

The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract. As such, the requirements of this Contract are to make affirmative efforts to solicit DBEs, provide information on who submitted a Bid or quote and to report DBE participation monthly as described elsewhere in these Contract Provisions. No preference will be included in the evaluation of Bids/Proposals, no minimum level of DBE participation shall be required as a Condition of Award and Bids/Proposals may not be rejected or considered non-responsive on that basis.

DBE Abbreviations and Definitions

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

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

Certified Firm Directory – A database of all Minority, Women, and Disadvantaged Business Enterprises. The on-line Directory is available to

Contractors for their use in identifying and soliciting interest from DBE firms. The database is located under the Firm Certification section of the Diversity Management and Compliance System web page at: <https://omwbe.diversitycompliance.com>.

Commercially Useful Function (CUF)

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

Contract – For this Special Provision only, this definition supplements Section 1-01.3. 49 CFR 26.5 defines contract as: “... a legally binding relationship obligating a seller to furnish supplies or services (including, but not limited to, construction and professional services) and the buyer to pay for them. For purposes of this part, a lease is considered to be a contract.”

Disadvantaged Business Enterprise (DBE) – A business firm certified by the Washington State Office of Minority and Women’s Business Enterprises, as meeting the criteria outlined in 49 CFR 26 regarding DBE certification. A Underutilized Disadvantaged Business Enterprise (UDBE) firm is a subset of DBE.

Force Account Work – Work measured and paid in accordance with Section 1-09.6.

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

Regular Dealer (DBE) – A DBE firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of a Contract are bought, kept in stock, and regularly sold to the public in the usual course of business. To be a Regular

Dealer, the DBE firm must be an established regular business that engages in as its principal business and in its own name the purchase and sale of the products in question. A Regular Dealer in such items as steel, cement, gravel, stone, and petroleum products need not own, operate or maintain a place of business if it both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by long-term formal lease agreements and not on an ad-hoc basis. Brokers, packagers, manufacturers' representatives, or other persons who arrange or expedite transactions shall not be regarded as Regular Dealers within the meaning of this definition.

DBE Goals

No DBE goals have been assigned as part of this Contract.

Affirmative Efforts to Solicit DBE Participation

The Contractor shall not discriminate on the grounds of race, color, sex, national origin, age, or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. DBE firms shall have an equal opportunity to compete for subcontracts in which the Contractor enters into pursuant to this Contract.

Contractors are encouraged to:

1. Advertise opportunities for Subcontractors or suppliers in a timely and reasonably designed manner to provide notice of the opportunity to DBEs capable of performing the Work. All advertisements should include a Contract Provision encouraging participation by DBE firms. This may be accomplished through general advertisements (e.g. newspapers, journals, etc.) or by soliciting Bids/Proposals directly from DBEs.
2. Establish delivery schedules that encourage participation by DBEs and other small businesses.
3. Participate with a DBE as a joint venture.

DBE Eligibility/Selection of DBEs for Reporting Purposes Only

Contractor may take credit for DBEs utilized on this Contract only if the firm is certified for the Work being performed, and the firm performs a commercially useful function (CUF).

Absent a mandatory goal, all DBE participation that is attained on this project will be considered as "race neutral" participation and shall be reported as such.

Crediting DBE Participation

All DBE Subcontractors shall be certified before the subcontract on which they are participating is executed.

Be advised that although a firm is listed in the directory, there are cases where the listed firm is in a temporary suspension status. The Contractor shall review the OMWBE Suspended DBE Firms list. A DBE firm that is included on this list may not enter into new contracts that count towards participation.

DBE participation is only credited upon payment to the DBE.

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

DBE Prime Contractor

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

DBE Subcontractor

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

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

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

If a DBE subcontracts a portion of the Work of its contract to another firm, the value of the subcontracted Work may be credited only if the DBE's Lower-Tier Subcontractor is also a DBE. Work subcontracted to a non-DBE shall not be credited.

Count expenditures toward race/gender-neutral participation only if the DBE is performing a CUF on the contract.

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. The subcontract agreement shall incorporate requirements of the primary Contract. Subcontract agreements of all tiers, including lease agreements shall be readily available at the project site for the Engineer review.

DBE Service Provider

The value of fees or commissions charged by a DBE Broker, a DBE 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.

Temporary Traffic Control

If the DBE firm is being utilized in the capacity of only “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 (e.g. paddles, hard hats, and vests).

If the DBE firm is being utilized in the capacity of “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. In addition, if the DBE firm utilizes the Contractor’s equipment, such as Transportable Attenuators and Portable Changeable Message Signs (PCMS) no DBE credit can be taken for supplying and operating the items.

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. 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 Work that a DBE trucking firm performs with trucks it leases from other certified DBE trucking firms qualify for 100% DBE credit.

The trucking Work subcontracted to any non-DBE trucking firm will not receive credit for Work done on the project. The DBE may lease trucks from a non-DBE truck leasing company, but can only receive credit as DBE participation if the DBE uses its own employees as drivers.

DBE credit for a truck broker is limited to the fee/commission that the DBE receives for arranging transportation services.

Truck registration and lease agreements shall be readily available at the project site for the Engineer review.

DBE Manufacturer and DBE Regular Dealer

One hundred percent (100%) of the cost of the manufactured product obtained from a DBE Manufacturer can count as DBE participation.

Sixty percent (60%) of the cost of materials or supplies purchased from a DBE Regular Dealer may be credited as DBE participation. If the role of the DBE Regular Dealer is determined to be that of a pass-through, then no DBE credit will be given for its services. If the role of the DBE Regular Dealer is determined to be that of a Broker, then DBE credit shall be limited to the fee or commission it receives for its services. Regular Dealer status and the amount of credit is determined on a Contract-by-Contract basis.

Regular Dealer DBE firms must be approved before being used on a project. The WSDOT Approved Regular Dealer list published on WSDOT's Office of Equal Opportunity (OEO) web site must include the specific project for which approval is being requested. The Regular Dealer must submit the Regular Dealer Status Request form a minimum of five days prior to being utilized on the specific project.

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

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

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 UDBE 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 readily available for review by the Engineer.

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 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.

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 shall with its own workforce, 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.

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 and installing and paying for the material itself." The Contractor shall submit

DBE Joint Check Request Form for the Engineer approval prior to using a joint check.

Material costs paid by the Contractor directly to the material supplier is 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.

Reporting

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

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

Decertification

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

Consequences of Non-Compliance

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

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

- (1) Withholding monthly progress payments;

- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the Contractor from future bidding as non-responsible.

Payment

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

1-07.12 Federal Agency Inspection

Supplement this section with the following:

Required Federal Aid Provisions

(January 25, 2016 WSDOT GSP)

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised May 1, 2012 and the amendments thereto supersede any conflicting provisions of the Standard Specifications and are made a part of this Contract; provided, however, that if any of the provisions of FHWA 1273, as amended, are less restrictive than Washington State Law, then the Washington State Law shall prevail.

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

1-07.13(4) Repair of Damage

(August 6, 2001 WSDOT GSP)

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

The Contractor shall promptly repair all damage to either temporary or permanent work as directed by the Engineer. For damage qualifying for relief

under Sections 1-07.13(1), 1-07.13(2) or 1-07.13(3), payment will be made in accordance with Section 1-04.4. Payment will be limited to repair of damaged work only. No payment will be made for delay or disruption of work.

1-07.17 Utilities and Similar Facilities (Option 1)
(April 2, 2007 WSDOT GSP)

Supplement this section with the following:

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

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

Utility Company	Address	Phone Number
City of Pasco Public Works	525 North 3 rd Avenue, Pasco, WA 99301	(509) 545-3463
CenturyLink	723 North 3 rd Avenue, Pasco, WA 99301	(509) 305-7503
Charter Communications	639 North Kellog Street, Kennewick, WA 99336	(509) 572-0537
Cascade Natural Gas	8113 W. Grandridge Blvd., Kennewick, WA 99336	(509) 736-5563
Franklin County PUD	1411 W. Clark Street, Pasco, WA 99301	(509) 547-0556

1-07.18 Public Liability and Property Damage Insurance

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

1-07.18 Insurance
(January 4, 2016 APWA GSP)

1-07.18(1) General Requirements

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.

- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.
- F. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
- H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract and no additional payment will be made.

1-07.18(2) Additional Insured

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

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

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

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

1-07.18(3) Subcontractors

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

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

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

1-07.18(4) Verification of Coverage

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand such verification of coverage with these insurance

requirements or failure of Contracting Agency to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

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

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

1-07.18(5) Coverages and Limits

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

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

1-07.18(5)A Commercial General Liability

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability

assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

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

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

Such policy must provide the following minimum limits:

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

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

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

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

1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic (Option 2)

(February 3, 2020 WSDOT GSP)

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

Work Zone Clear Zone

The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The WZCZ applies only to temporary roadside objects introduced by the Contractor's operations and does not apply to preexisting conditions or

permanent Work. Those work operations that are actively in progress shall be in accordance with adopted and approved Traffic Control Plans, and other contract requirements.

During nonworking hours equipment or materials shall not be within the WZCZ unless they are protected by permanent guardrail or temporary concrete barrier. The use of temporary concrete barrier shall be permitted only if the Engineer approves the installation and location.

During actual hours of work, unless protected as described above, only materials absolutely necessary to construction shall be within the WZCZ and only construction vehicles absolutely necessary to construction shall be allowed within the WZCZ or allowed to stop or park on the shoulder of the roadway.

The Contractor's nonessential vehicles and employees private vehicles shall not be permitted to park within the WZCZ at any time unless protected as described above.

Deviation from the above requirements shall not occur unless the Contractor has requested the deviation in writing and the Engineer has provided written approval.

Minimum WZCZ distances are measured from the edge of traveled way and will be determined as follows:

Regulatory Posted Speed	Distance From Traveled Way (Feet)
35 mph or less	10
40 mph	15
45 to 50 mph	20
55 to 60 mph	30
65 mph or greater	35

Minimum Work Zone Clear Zone Distance

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

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

Street right-of-way lines, limits of easements, and limits of construction permits are indicated in the Plans. The Contractor's construction activities shall be

confined within these limits, unless arrangements for use of private property are made.

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

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

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

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

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

1-08 PROSECUTION AND PROGRESS

Add the following new section:

1-08.0 Preliminary Matters

(May 25, 2006 APWA GSP)

Add the following new section:

1-08.0(1) Preconstruction Conference

(October 10, 2008 APWA GSP)

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

The Contractor shall prepare and submit at the preconstruction conference the following:

1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable.

Add the following new section:

1-08.0(2) Hours of Work

(December 8, 2014 APWA GSP)

Except in the case of emergency or unless otherwise approved by the Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period

between 7:00 a.m. and 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing prior to the preconstruction conference, subject to the provisions below. The working hours for the Contract shall be established at or prior to the preconstruction conference.

All working hours and days are also subject to local permit and ordinance conditions (such as noise ordinances).

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than five (5) working days prior to the day(s) the Contractor is requesting to change the hours.

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

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

1-08.1 Subcontracting

(December 19, 2019 APWA GSP, Option A)

Supplement this section with the following:

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)
<https://www.wsdot.wa.gov/publications/fulltext/forms/421-012.PDF>
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (WSDOT Form 420-004).
<https://www.wsdot.wa.gov/publications/fulltext/forms/420-004.PDF>

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.

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

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 six (6) 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
(November 30, 2018 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. Within 10 calendar days after the date of each statement, the Contractor shall file a written protest of any alleged discrepancies in it. To be considered by the Engineer, the protest shall be in sufficient detail to enable the Engineer to ascertain the basis and amount of time disputed. By not filing such detailed protest in that period, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

Revise the sixth paragraph to read:

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

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

(March 13, 1995 WSDOT GSP)

Supplement this section with the following:

This project shall be physically completed within thirty (30) working days.

1-08.9 Liquidated Damages

(August 14, 2013 APWA GSP)

Revise the fourth paragraph to read:

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

1-09 MEASUREMENT AND PAYMENT

1-09.2 Weighing Equipment

1-09.2(1) General Requirements for Weighing Equipment

(July 23, 2015 APWA GSP, Option 2)

Revise item 4 of the fifth paragraph to read:

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

1-09.2(5) Measurement
(May 2, 2017 APWA GSP)

Revise the first paragraph to read:

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

1-09.6 Force Account
(October 10, 2008 APWA GSP)

Supplement this section with the following:

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

1-09.9 Payments
(March 13, 2012 APWA GSP)

Delete the first four paragraphs and replace them with the following:

The basis of payment will be the actual quantities of work performed according to the Contract and as specified for payment.

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

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

The initial progress estimate will be made not later than 30 days after the Contractor commences the work, and successive progress estimates will be made every month thereafter until the Completion Date. Progress estimates

made during progress of the work are tentative, and made only for the purpose of determining progress payments. The progress estimates are subject to change at any time prior to the calculation of the final payment.

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

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

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

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

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

(April 30, 2020, WSDOT GSP)

Electronic Transmittal and Signature of the FCVC

The Contractor shall sign electronically using a software as approved by the Contracting Agency and return the Final Contract Voucher Certification (FCVC) as indicated in this section. Within 21 days of execution, the Contractor shall submit a Type 1 Working Drawing designating who will sign the FCVC, including their full name, email address, and text-message capable phone number. The designee shall be an authorized signer in accordance with Section 1-02.1.

1-09.9(1) Retainage

(June 27, 2011 WSDOT GSP)

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

Vacant

1-09.11(3) Time Limitation and Jurisdiction

(November 30, 2018 APWA GSP)

Revise this section to read:

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

1-09.13 Claims Resolution

1-09.13(3) Claims \$250,000 or Less

(October 1, 2005 APWA GSP)

Delete this section and replace it with the following:

The Contractor and the Contracting Agency mutually agree that those claims that total \$250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR processes, shall be resolved through litigation unless the parties mutually agree in writing to resolve the claim through binding arbitration.

1-09.13(3)A Administration of Arbitration

(November 30, 2018 APWA GSP)

Revise the third paragraph to read:

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

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2 Traffic Control Management

1-10.2(1) General

(January 3, 2017 WSDOT GSP)

Supplement this section with the following:

Only training with WSDOT TCS card and WSDOT training curriculum is recognized in the State of Washington. The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust
27055 Ohio Avenue
Kingston, WA 98346
(360) 297-3035

Evergreen Safety Council
12545 135th Ave. NE
Kirkland, WA 98034-8709
1-800-521-0778

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

1-10.4 Measurement

1-10.4(1) Lump Sum Bid for Project (No Unit Items)

(August 2, 2004 WSDOT GSP)

Supplement this section with the following:

The proposal contains the item "Project Temporary Traffic Control", lump sum. The provisions of Section 1-10.4(1) shall apply.

2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1 Description

Supplement this section with the following:

In no case shall the Contractor be required to clear and grub beyond the right-of-way line, except as specifically directed by the Engineer or noted on the Plans to remove trees, stumps, shrubs, or other items which, by proximity or due to root growth, would constitute a hazard to the public or endanger the facility. All work beyond the right-of-way line shall be coordinated with affected property owner(s) per Section 1-07.24 Rights of Way.

The Contractor shall support in place or temporarily remove, as necessary, and later replace to its original condition or relocate nearby as directed, all mail boxes, small trees, shrubs, bollards, street/business/advertising signs and posts, culverts, irrigation facilities, concrete or rock walls, guardrail, or other similar obstructions which lie in or near the line of work and are not intended for removal. Should any damage be incurred, the cost of replacement or repair shall be borne by the Contractor.

Clearing and Grubbing shall include removal of a minimum of six (6) inches of material in all unsurfaced areas within the limits of new improvements. Upon completion of the project, the contractor shall spray all unsurfaced and disturbed areas between Clemente Lane and Convention Drive with a tackifier agent to eliminate dust. Clearing and grubbing includes excavation, haul, disposal of unwanted materials, and placement of a tackifier agent unless otherwise directed by Engineer. All costs to perform the work described shall be incorporated into the lump sum price of this bid item and no separate measurement and payments shall be made.

2-01.3 Construction Requirements

2-01.3(4) Roadside Cleanup

Supplement this section with the following:

Roadside cleanup shall include all project areas outside of the road right-of-way, including utility easements and private property, as shown on the Plans.

Partial cleanup shall be done by the Contractor when he feels it is necessary or when, in the opinion of the Contracting Agency, partial cleanup should be done prior to either final cleanup or final inspection. The cleanup work shall be

done immediately upon written notification of the Engineer and other work shall not proceed until this partial cleanup is accomplished. Should the Contractor not conduct the cleanup as directed and in a timely manner, the Owner shall take action to have such cleanup work completed by others and will deduct such costs from any payment due the Contractor.

2-01.4 Measurement

Supplement this section with the following:

No unit of measurement shall apply to Roadside Cleanup.

2-01.5 Payment

Supplement this section with the following:

Unless a specific bid item has been included in the proposal, all costs incurred to complete the requirements of this section, including partial roadside cleanup, shall be considered as incidental work to the various bid items and no separate payment will be made.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.3 Construction Requirements

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

Supplement this section with the following:

Existing structures or installations of concrete, brick, blocks, etc., interfering with construction shall be removed by the Contractor, and shall be considered as incidental work to the various bid items and no separate payment will be made.

Any pipe openings to be abandoned shall be properly plugged watertight with Class 3000 concrete. Removal and plugging of pipes shall be considered as incidental work to the various bid items and no separate payment will be made.

Where structures are removed, the voids shall be backfilled with suitable, job-excavated material and compacted. All such work shall be considered as incidental work to the various bid items and no separate payment will be made.

If the Engineer determines the job-excavated material to be unsuitable for backfill, the Contractor shall place ballast or crushed surfacing material as directed by the Engineer.

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

Supplement this section with the following:

Where shown on the Plans or as directed by the Engineer, the Contractor shall be required to remove existing pavement, sidewalks, curbs, etc., which are outside the right-of-way line and are required to be removed for construction of the improvements.

In those areas where asphalt pavement removal is required, the Contractor shall, prior to excavation, score the edge of the asphalt concrete pavement with an approved pavement cutter such as a concrete saw. During the course of the work, the Contractor shall take precautions to preserve the integrity of this neat, clean pavement edge. Should the pavement edge be damaged prior to asphalt concrete paving activities, the Contractor shall be required to trim the edge with an approved pavement cutter as directed by the Engineer immediately prior to paving.

Sawcutting slurry created from asphalt pavement and concrete removal shall be disposed of by vacuum, and remain clear of storm drainage systems and final HMA wearing course at all times.

No separate payment shall be made for sawcutting pavement.

2-02.5 Payment

Supplement this section with the following:

Unless a specific bid item has been included in the proposal, all costs incurred to complete the requirements of this section, including sawcutting, shall be considered as incidental work to the various bid items and no separate payment will be made.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

Supplement this section with the following:

Unclassified excavation shall consist of removing the existing material of whatever nature encountered to the subgrade elevation and shaping the subgrade to conform to the cross-section shown on the Plans or as staked in the field. Concrete curb, gutter, and sidewalk removal shall be included as "Unclassified Excavation Incl. Haul." The material to be excavated shall be classified as "Unclassified Excavation Incl. Haul."

The Contractor shall use caution while performing roadway excavation. Heavy, rubber-tired equipment, particularly front-end loaders, shall limit their travel over a single area as much as possible. Trucks shall observe a 10-mph speed limit when traveling over exposed subgrade areas.

The Contracting Agency will, at its own cost, reference all known existing monuments or markers relating to subdivisions, plats, roads, street centerline intersections, etc. The Contractor shall take special care to protect these monuments or markers and also the reference points. In the event the Contractor is negligent in preserving such monuments and markers, the points will be reset by a licensed surveyor at the Contractor's expense.

2-03.3 Construction Requirements

2-03.3(3) Excavation Below Subgrade

Supplement this section with the following:

At the direction of the Engineer, areas within the street subgrade which exhibit instability due to high moisture content shall be:

1. Aerated and allowed to dry;
2. Over-excavated as directed by the Engineer and backfilled with ballast, or crushed surfacing base course. The contractor may be instructed to install construction geotextile for soil stabilization in the excavation; or
3. A combination of any of the above.

Compensation for work done by the Contractor as described above shall be by increasing the quantities of the various appropriate bid items such as "Unclassified Excavation Incl. Haul" and "Crushed Surfacing Base Course" and applying the unit bid price. No separate compensation will be made for any equipment, tools, materials, or labor required to perform this work.

2-03.3(7) Disposal of Surplus Materials

2-03.3(7)A General

Supplement this section with the following:

The Contractor shall comply with the requests of the Contracting Agency for placement and compaction of excess excavated suitable material at various locations within the project limits, as directed by the Engineer.

Excavated material shall be bladed or hauled to fill low sections within the project area, except for sod or extraneous material, which shall be hauled to waste at the Contractor's expense.

Suitable materials from the excavations shall be used in the embankments. Unsuitable material or soft spots shall be removed from the roadway and replaced with suitable material and compacted as for embankments. Topsoil shall be saved to use for backfill adjacent to the sidewalk and new improvements, and shall be stockpiled separate from other material.

A waste site has not been provided by the Contracting Agency for disposal of unsuitable material, asphalt, concrete, debris, waste material, or any other objectionable material which is directed to waste by the Engineer.

The Contractor shall comply with the State of Washington's regulations regarding disposal of waste material as outlined in WAC 173-304, Subchapter 461.

2-03.3(14)D Compaction and Moisture Control Tests

Delete this section and replace it with the following:

Compaction shall be 95% of maximum density as determined by ASTM D 698 (Standard Proctor). The Contractor shall notify the Engineer when ready for in-place subgrade density tests. All costs associated with failed tests/testing shall be the responsibility of the Contractor. Placement of courses of aggregate shall not proceed until density requirements are met.

2-03.4 Measurement

Section 2-03.4 is supplemented with the following:

(March 13, 1995 WSDOT GSP)

Only one determination of the original ground elevation will be made on this project. Measurement for roadway excavation and embankment will be based on the original ground elevations recorded previous to the award of this contract.

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

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

Copies of the ground cross-section notes will be available for the bidder's inspection, before the opening of bids, at the Engineer's office and at the Region office.

Upon award of the contract, copies of the original ground cross-sections will be furnished to the successful bidder on request to the Engineer.

“Unclassified Excavation Incl. Haul” will be measured by the cubic yard.

Only one determination of the original ground elevation will be made on this project. Measurement for roadway excavation and embankment will be based on the original ground elevations recorded previous to the award of this Contract, and the alignment, profile, grade, and roadway section as shown on the Plans.

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

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method.

Copies of the ground cross-sections and notes will be available for the bidder's inspection upon request, at the office of the Project Engineer.

2-03.5 Payment

Supplement this section with the following:

The unit contract price per cubic yard for “Unclassified Excavation Incl. Haul” shall be full compensation for all labor, equipment, tools, and materials necessary to complete this item as specified.

2-04 HAUL

2-04.5 Payment

Delete this section and replace it with the following:

All haul of materials on this project shall be considered as incidental work to the various bid items and no separate payment will be made.

2-07 WATERING

2-07.1 Description

Supplement this section with the following:

The Contractor shall be solely responsible for dust control on this project and shall protect motoring public, adjacent homes and businesses, orchards, crops, and school yards from damage due to dust, by whatever means necessary. The Contractor shall be responsible for any claims for damages and shall protect the Contracting Agency and the Engineer from any and all such claims.

When directed by the Engineer, the Contractor shall provide water for dust control within two hours of such order and have equipment and manpower available at all times including weekends and holidays to respond to orders for dust control measures.

2-11 TRIMMING AND CLEANUP

2-11.5 Payment

Supplement this section with the following:

Unless a specific bid item has been included in the proposal, all costs incurred to complete the requirements of this section shall be considered as incidental work to the various bid items and no separate payment will be made.

4-04 BALLAST AND CRUSHED SURFACING

4-04.1 Description

Supplement this section with the following:

Aggregates to be paid by the ton shall not be placed in stockpiles.

4-04.3 Construction Requirements

4-04.3(5) Shaping and Compaction

Supplement this section with the following:

The Contractor shall notify the Engineer when he is ready for in-place ballast, base course, or top course density tests. All costs associated with failed tests/testing shall be the responsibility of the Contractor. Placement of

successive courses of aggregate or asphalt concrete shall not proceed until density requirements are met.

5-04 HOT MIX ASPHALT
(July 18, 2018 APWA GSP)

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

5-04.1 Description

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

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

5-04.2 Materials

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5
Aggregates	9-03.8
Recycled Asphalt Pavement	9-03.8(3)B
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21
Portland Cement	9-01
Sand	9-03.1(2)
(As noted in 5-04.3(5)C for crack sealing)	
Joint Sealant	9-04.2
Foam Backer Rod	9-04.2(3)A

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

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

at a frequency of one sample for every 1,000 tons produced and not less than ten samples per project. The asphalt content and gradation test data shall be reported to the Contracting Agency when submitting the mix design for approval on the QPL. The Contractor shall include the RAP as part of the mix design as defined in these Specifications.

The grade of asphalt binder that shall be used for this project is: PG 64S-28 or PG 64H-28. A combination of binders will not be acceptable. Blending of asphalt binder from different sources is not permitted.

The Engineer may require an adjustment in the asphalt binder content of the mix design by $\pm 0.5\%$ at no additional cost to the Contracting Agency.

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

Production of aggregates shall comply with the requirements of Section 3-01.

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

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

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

5-04.2(1)A Vacant

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

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

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

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

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

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

The Contractor shall be responsible for verification of the mix design.

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

Mix designs for HMA accepted by Nonstatistical evaluation shall:

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

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

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

For 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.

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

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

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

5-04.3 Construction Requirements

5-04.3(1) Weather Limitations

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

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

Minimum Surface Temperature for Paving

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

5-04.3(2) Paving Under Traffic

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

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

to accelerate the finish rolling of the pavement and to shorten the time required before reopening to traffic.

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

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

All costs in connection with performing the Work in accordance with these requirements, including the cost of temporary pavement markings, shall be included in the unit Contract prices for the various Bid items involved in the Contract.

5-04.3(3) Equipment

5-04.3(3)A Mixing Plant

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

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

- average temperature with no individual variations exceeding 25°F. Also, when a WMA additive is included in the asphalt binder, the temperature of the asphalt binder shall not exceed the maximum recommended by the manufacturer of the WMA additive.
4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall meet the requirements of Section 1-05.6 for the crushing and screening operation. The Contractor shall provide for the setup and operation of the field testing facilities of the Contracting Agency as provided for in Section 3-01.2(2).
 5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following methods:
 - a. A mechanical sampling device attached to the HMA plant.
 - b. Platforms or devices to enable sampling from the hauling vehicle without entering the hauling vehicle.

5-04.3(3)B Hauling Equipment

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

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

Sufficient numbers of trucks shall be provided by the Contractor to assure a continuous paving operation at proper HMA mix temperatures. Paving operations shall not proceed until hauling equipment sufficient to assure continuous operations is provided.

5-04.3(3)C Pavers

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

The HMA paver shall be in good condition and shall have equipment available from the manufacturer for the prevention of segregation of the HMA mixture installed, in good condition, and in working order.

The screed shall be operated in accordance with the manufacturer's recommendations and shall effectively produce a finished surface of the required evenness and texture without tearing, shoving, segregating, or gouging the mixture. A copy of the manufacturer's recommendations shall be provided upon request by the Contracting Agency. Extensions will be allowed provided they produce the same results, including ride, density, and surface texture as obtained by the primary screed. Extensions without augers and an internally heated vibratory screed shall not be used in the Traveled Way.

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

The HMA paver that is utilized on this project shall be capable of spreading and finishing courses of HMA plant mix material in a width from centerline of the roadway to the edge of the roadway or gutter in a single pass (up to 22-foot width).

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

A Material Transfer Device/Vehicle (MTD/V) shall only be used with the Engineer's approval, unless otherwise required by the contract.

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

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

To be approved for use, an MTV:

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

To be approved for use, an MTD:

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

5-04.3(3)E Rollers

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

5-04.3(4) Preparation of Existing Paved Surfaces

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

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

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

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

shall be leveled and compacted thoroughly. Prior to the application of tack coat, or paving, the condition of the surface shall be approved by the Engineer.

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

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

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

5-04.3(4)B Soil Residual Herbicide

The Contractor shall apply one application of an approved soil residual herbicide on areas where hot mix asphalt is applied. The requirements of Section 8-02.3(3)B shall apply to this application. The application of herbicide shall precede paving by no more than 48 hours.

5-04.3(4)C Pavement Repair

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

Before any excavation, the existing pavement shall be sawcut or shall be removed by a pavement grinder. Excavated materials will become the property of the Contractor and shall be disposed of in a Contractor-provided site off the Right of Way or used in accordance with Sections 2-02.3(3) or 9-03.21.

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

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

After the completion of trench and patch repairs, the Contractor shall seal all joints with CSS-1 and concrete sand. The cost of sealing shall be included in the unit contract price for "HMA Cl. ___-Inch ___."

5-04.3(6) Mixing

After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping additives have been introduced into the mixer the HMA shall be mixed until complete and uniform coating of the particles and thorough distribution of the asphalt binder throughout the mineral materials is ensured.

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

Storing or holding of the HMA in approved storage facilities will not be permitted and will be rejected. Rejected HMA shall be disposed of by the Contractor at no expense to the Contracting Agency.

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

thorough distribution of the asphalt binder throughout the mineral materials, and RAP is ensured.

5-04.3(7) Spreading and Finishing

The mixture shall be laid upon an approved surface, spread, and struck off to the grade and elevation established. HMA pavers complying with Section 5-04.3(3) shall be used to distribute the mixture. Unless otherwise directed by the Engineer, the nominal compacted depth of any layer of any course shall not exceed 0.30 feet.

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

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

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

5-04.3(9) HMA Mixture Acceptance

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

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

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

Commercial HMA can be used for patching utility or conduit trenches less than 24 inches in width.

Payment will be made on the basis of the unit contract price for HMA for all HMA accepted on the project. HMA not meeting the quality requirements of the Contract shall be rejected.

5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling

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

Sampling and testing HMA in a Structural application where quantities are less than 100 tons is at the discretion of the Engineer.

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

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

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

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

Testing costs shall be the responsibility of the Contractor.

5-04.3(10) HMA Compaction Acceptance

HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for intersections, ramps, truck climbing, weaving, and speed change, and having a specified compacted course thickness greater than 0.10-foot, shall be compacted to a specified level of relative density. The specified level of relative density shall be a minimum of 91.0% of the reference maximum density as determined by WSDOT for AASHTO T 209. The reference maximum density shall be determined as the moving average of the most recent five determinations for the lot of HMA being placed. The specified level of density attained will be determined by five nuclear gauge tests taken in accordance with WAQTC FOP TM8 and WSDOT SOPT 729 on the day the mix is placed (after completion of the finish rolling) at locations determined by the stratified random sampling procedure conforming to WSDOT Test Method 716 within each density lot. The quantity represented by each density lot will be no greater than a single day's production or approximately 400 tons, whichever is less.

Tests for the determination of the pavement density will be taken in accordance with the required procedures for measurement by a nuclear density gauge after completion of the finish rolling. The test procedures FOP for WAQTC TM 8 and WSDOT SOP T 729 will be used on the day the mix is placed and prior to opening to traffic.

In addition to the randomly selected locations for tests of density, the Engineer may also isolate from a normal lot any area that is suspected of being defective in relative density. Such isolated material will not include an original sample location. A minimum of five (5) randomly located density tests will be taken.

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

Control lots not meeting the minimum density standard shall be removed and replaced with satisfactory material.

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

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

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

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

5-04.3(11) Reject Work

5-04.3(11)A Reject Work General

Work that is defective or does not conform to requirements shall be rejected. The Contractor may propose, in writing, alternatives to removal and replacement of rejected material. Acceptability of such alternative proposals will be determined at the sole discretion of the Engineer. HMA that has been rejected is subject to the

requirements in Section 1-06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to the Engineer for approval.

5-04.3(11)B Rejection by Contractor

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

Supplement this section with the following:

5-04.3(12) Joints

5-04.3(12)A1 Transverse Joints

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

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

The temporary wedge of HMA shall be removed and wasted, and new mix shall be laid against the edge. Rollers or tamping irons shall be used to seal the joint.

5-04.3(12)A2 Longitudinal Joints

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

All joints shall be hand raked prior to rolling. The final joint shall be straight, level with the abutting edge, free of coarse material at the surface, and neat in appearance. The Contractor shall use paving widths that minimize longitudinal pavement joints.

5-04.3(13) Surface Smoothness

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

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

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

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

1. Tacking existing HMA with CSS-1 and feathering in additional HMA, taking care to rake and remove oversized rock to produce a fine graded surface to the satisfaction of the Engineer, or
2. Removal and replacement of the wearing course of HMA, or
3. By other method approved by the Engineer.

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

Where directed by the Engineer, the Contractor shall feather the HMA pavement in a manner to produce a smooth-riding connection to the existing pavement.

All costs and expenses in connection with providing, placing material, and feathering the asphalt concrete pavement shall be paid for as the unit contract price per ton for "HMA Cl. ___-Inch ___."

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

5-04.3(14)B1 General

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

1. Intersections:
 - a. Keep intersections open to traffic at all times, except when paving or planing operations through an intersection requires closure. Such closure must be kept to the minimum time required to place and compact the HMA mixture, or plane as appropriate. For paving, schedule such closure to individual lanes or portions thereof that allows the traffic volumes and schedule of traffic volumes required in the approved traffic control plan. Schedule work so that adjacent intersections are not impacted at the same time and comply with the traffic control restrictions required by the Traffic Engineer. Each individual intersection closure or partial closure, must be addressed in the traffic control plan, which must be submitted to and accepted by the Engineer, see Section 1-10.2(2).
 - b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.
 - c. Should closure of the intersection in its entirety be necessary, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.
 - d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
 - e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer. The Engineer may require the application of water at the Contractor's expense to the pavement to accelerate the finish rolling of the pavement and to shorten the time required before reopening to traffic.
2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
3. Permanent pavement marking must comply with Section 8-22.

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

At least 2 Working Days before the first paving operation and the first planing operation, or as scheduled by the Engineer for future paving and planing operations to ensure the Contractor has adequately prepared for notifying and coordinating as required in the Contract, the Contractor must be prepared to discuss that day's operations as they relate to other entities and to public safety and convenience, including driveway and business access, garbage truck operations, Metro transit operations and working around energized overhead wires, school and nursing home and hospital and other accesses, other contractors

who may be operating in the area, pedestrian and bicycle traffic, and emergency services. The Contractor, and Subcontractors that may be part of that day's operations, must meet with the Engineer and discuss the proposed operation as it relates to the submitted planing plan and paving plan, approved traffic control plan, and public convenience and safety. Such discussion includes, but is not limited to:

1. General for both Paving Plan and for Planing Plan:
 - a. The actual times of starting and ending daily operations.
 - b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
 - c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other contractors who may operate in the Project Site.
 - d. Notifications required of Contractor activities, and coordinating with other entities and the public as necessary.
 - e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
 - f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed
 - g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, rail, and castings, before planing, see Section 5-04.3(14)B2.
 - h. Description of how flaggers will be coordinated with the planing, paving, and related operations.
 - i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
 - j. Other items the Engineer deems necessary to address.
2. Paving – additional topics:
 - a. When to start applying tack and coordinating with paving.
 - b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of the personnel operating the types of equipment. Discuss the continuance of operator personnel for each type equipment as it relates to meeting Specification requirements.
 - c. Description of contingency plans for that day's operations such as equipment breakdown, rain out, and Supplier shutdown of operations.
 - d. Sequencing of density testing, and other sampling and testing.

5-04.3(15) Sealing Pavement Surfaces

The Contractor shall apply a fog seal to all travel lanes and allow it to cure prior to opening the lane to traffic, when the wearing course is placed after October 1 and

before April 1. Fog Seal must be completely cured before pavement markings are applied. Construct the fog seal in accordance with Section 5-02.3.

The cost of providing and applying the fog seal shall be considered as incidental work to the various bid items and no separate payment will be made.

5-04.3(16) HMA Road Approaches

Where asphalt driveways or road approach HMA aprons are shown on the Plans, they shall be constructed with 0.40-foot compacted depth of crushed surfacing top course and 0.20-foot compacted depth of HMA. The portion of the driveways not paved with asphalt shall be surfaced with 0.25-foot compacted depth crushed surfacing top course. Materials used for construction of driveways and road approaches shall be paid at the unit contract prices for "HMA Cl. ___-Inch ___" and "Crushed Surfacing Top Course."

Driveway matchlines shall be cut or scored with an approved pavement cutter prior to excavation. Any portion of the existing driveway (road approach) beyond the construction limits that is damaged by the Contractor's operations shall be replaced in kind to the satisfaction of the Engineer at no expense to the Contracting Agency.

All transitions to existing asphalt concrete and cement concrete driveways, curb, asphalt thickened edge for gutter, and walkways shall be vertically sawcut full depth with straight, uniform edges, or milled if shown on the plans. Existing asphalt pavement may be cut with a wheel, provided the wheel cut is full depth and no damage occurs to the pavement which is to remain.

5-04.4 Measurement

"HMA Cl. ___ PG ___" and "Commercial HMA" will be measured by the ton in accordance with Section 1-09.2, with no deduction being made for the weight of asphalt binder, mineral filler, or any other component of the mixture. If the Contractor elects to remove and replace mix as allowed by Section 5-04.3(11), the material removed will not be measured.

Soil residual herbicide will be considered incidental to other items and no separate measurement shall be made.

5-04.5 Payment

Payment will be made for each of the following Bid items that are included in the Proposal:

"HMA Cl. ___ PG ___", per ton.

The unit Contract price per ton for “HMA Cl. ___ PG ___” shall be full compensation for all costs, including anti-stripping additive, incurred to carry out the requirements of Section 5-04 except for those costs included in other items which are included in this Subsection and which are included in the Proposal.

“Soil Residual Herbicide”, shall be considered incidental to other items and no separate payment shall be made.

If there are no proposal bid items for “Temporary Pavement Marking” and “Removing Temporary Pavement Marking”, they shall be installed in accordance with Section 8-23 and the MUTCD, and the work shall be considered as incidental work to the various bid items and no separate payment will be made.

If there is no proposal bid item for “Sawcutting Asphalt Pavement” or “Sawcutting Cement Concrete”, then all costs, including labor and equipment, associated with cutting asphalt pavement or cement concrete shall be considered as incidental work to the various bid items and no separate payment will be made.

7-04 STORM SEWERS

7-04.1 Description

Supplement this section with the following:

The term “storm drain(s)” shall mean the same as storm sewer(s).

7-04.2 Materials

Supplement this section with the following:

Storm drain and underdrain infiltration system materials approved for use on this project shall be as follows:

8/10/12-INCH STORM DRAIN PIPE

Solid Wall PVC Storm Sewer Pipe
Corrugated Polyethylene Storm Sewer Pipe
High-Density Polyethylene (HDPE) Pipe
Polypropylene Storm Sewer Pipe

Where specified on the Plans, storm drain pipe shall be PVC pressure pipe conforming to the requirements of Section 9-30.1(5)A and Ductile Iron conforming to the requirements of Section 9-30.1(1).

UNDERDRAIN INFILTRATION SYSTEM MATERIALS

Pipe: Perforated Corrugated Polyethylene Underdrain (CPEP) pipe, couplings, and fittings shall comply with all the requirements of Section 9-05.2(8) of the Standard Specifications.

Drain Rock: Drain rock for use as backfill for the perforated underdrain pipe in the infiltration trench system shall be clean coarse aggregate conforming to the requirements of Gravel Backfill for Drywells, as specified in Section 9-03.12(5) of the Standard Specifications.

Construction Geotextile: Geotextile fabric for underground infiltration systems shall be moderate survivability, non-woven, Class A as specified in Section 9-33.2(1).

7-04.3 Construction Requirements

7-04.3(1) Cleaning and Testing

7-04.3(1)A General

Supplement this section with the following:

No infiltration or exfiltration test will be required for storm drain pipe.

7-04.4 Measurement

This section is supplement with the following

“Ductile Iron Storm Sewer Pipe ___ In. Diam.,” shall be measured by the linear foot of pipe installed.

7-04.5 Payment

Supplement this section with the following:

The unit contract price per linear foot for “Storm Sewer Pipe ___ In. Diam.,” shall be full compensation for all labor, tools, equipment, and materials necessary to complete this item in place as shown on the Plans, including trench excavation of all materials regardless of the nature, trench dewatering, imported pipe bedding material in the pipe zone, backfilling, compaction, fittings, and the connection to new or existing manholes and catch basins, including tees or downturned elbows in catch basins.

The unit contract price per linear foot for “Underdrain Pipe Infiltration Trench System 12 In. Diam.,” shall be full compensation for all labor, tools, equipment, and incidental costs required to construct the infiltration trench system, including excavation, dewatering, drain rock, geotextile fabric, plastic

membrane, fittings, perforated underdrain pipe, connection to manholes or catch basins, backfilling and compaction, complete in place, as shown on the Plans and as specified herein. Payment per linear foot shall be the same regardless of trench width.

Payment for "Select Backfill, as Directed" shall be made at the unit contract price per cubic yard, per neat line as shown in details, which shall be full compensation for furnishing, hauling, placing, and compacting the material where directed by the Engineer. The cost for hauling and disposal of excavated material to be replaced with select backfill shall be considered as incidental work to the various bid items and no separate payment will be made.

The unit contract price per linear foot for "Shoring or Extra Excavation", shall be full compensation for all labor, equipment, tools, and material required to construct the shoring, cofferdam, or caisson including excavation, installation and removal of the shoring, backfilling, and compaction, all as shown on the Plans and as specified herein. When extra excavation is used by the Contractor in lieu of constructing the shoring, cofferdam, or caisson, the unit price bid shall be full pay for all additional excavation, backfill, compaction, and other work required. If select backfill material is required within the limits of the trench excavation, it shall also be required as backfill material for the extra excavation at the Contractor's expense.

The unit contract price per linear foot for "Ductile Iron Storm Sewer Pipe ___ In. Diam.," shall be full compensation for all labor, tools, equipment, and materials necessary to complete this item in place as shown on the Plans, including trench excavation of all materials regardless of the nature, trench dewatering, imported pipe bedding material in the pipe zone, backfilling, compaction, fittings, restraints, and the connection to new or existing manholes and catch basins, including tees or downturned elbows in catch basins.

7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.2 Materials

Supplement this section with the following:

Metal Castings: Cast iron covers for storm drain manholes and Type 2 catch basins shall be stamped "STORM." Cast iron covers for sewer manholes shall be stamped "SEWER."

Grate Inlets and Drop Inlets: All Type 1 catch basins shall have vaned grates in accordance with WSDOT Standard Plan B-30.30 at locations with flow from a single direction, or B-30.40 at locations with flow from two directions. Joints in the manhole sections shall be watertight complying with ASTM C443 (confined groove joint) or ASTM C990 (tongue and groove joint).

Adjustment Rings: Manhole adjustment rings shall be precast concrete. Approved manufacturers include RADA, Inc., Reese Concrete, and Wilbert Precast, Inc.

Frames and Covers: Frames and covers shall be class 30 cast iron meeting the requirements of ASTM A48. 24" round covers shall read "SEWER" and "CITY OF PASCO" embossed in top (2" raised letters), cover weight 150 lbs, frame weight 185 lbs. Approved manufacturers include East Jordan Iron Works (3705Z), D&L Foundry, Neenah Foundry, and Olympic Foundry. When required by the City, locking covers shall be provided as manufactured by East Jordan Iron Works (3704C) and D&L Foundry.

Mortar/Grout: Approved manufacturers include American All Patch 20, Jet Set Complete Repair, and Target expanding non-shrink.

7-05.3 Construction Requirements

Supplement this section with the following:

The design and construction of all manholes shall provide for a 0.10-foot vertical drop through the manhole, unless specified otherwise on the plans.

7-05.3(1) Adjusting Manholes and Catch Basins to Grade

Supplement this section with the following:

The Contractor shall establish reference points for the center of each utility appurtenance before its removal for the purpose of relocation for final adjustment to final grade.

Manholes, water valve boxes, catch basins, and similar utility appurtenances and structures shall not be adjusted until the asphalt pavement is completed, at which time the center of each structure shall be relocated from references previously established by the Contractor.

The asphalt concrete pavement shall be cut and removed to a neat circle, the diameter of which shall be equal to the outside diameter of frame plus two (2) feet, or as shown in the Plan details. The frame shall be placed on cement concrete blocks or adjustment rings and brought up to the desired grade. The base materials shall be removed and Class 3000 cement concrete shall be placed as shown in the Plans.

On the following day, a tack coat of asphalt shall be applied to the concrete, the edges of the asphalt concrete pavement, and the outer edge of the casting.

HMA Cl. 3/8-Inch asphalt concrete shall then be placed and compacted with hand tampers and a patching roller.

The completed patch shall match the existing paved surface for texture, density, and uniformity of grade. The joint between the patch and the existing pavement shall then be sealed with emulsified asphalt and shall be immediately covered with dry paving sand before the tack has broken.

Utility appurtenances outside paved areas shall be adjusted to match the finish grade of the area surrounding the structure and shall include a concrete collar extending one foot in all directions beyond the cover. The utility cover shall be cleaned of all concrete prior to acceptance.

7-05.3(2) Abandon Existing Manholes

Supplement this section with the following:

Where shown on the Plans or directed by the Engineer, existing sanitary sewer manholes shall be abandoned in place after the new sanitary sewer collection system is in place and all side sewers have been transferred to the new sanitary sewer pipeline.

At least the top three feet of each manhole, or the top conical section in precast concrete manholes, shall be removed, including the cast iron ring and cover and concrete pad, if any. Debris resulting from breaking of the upper portion of the manhole may be mixed with backfill subject to the approval of the Engineer. Ring and cover shall become the property of the contracting agency and all other surplus material shall be disposed of by the Contractor.

The existing pipe openings shall be plugged watertight with Class 3000 concrete and the manhole bottom slabs shall be crushed to promote drainage. The remaining manhole structure shall be backfilled with granular material conforming to Section 9-03.9(3) Crushed Surfacing Base Course. Place backfill in uniform layers and compact to 95% maximum dry density, as determined by ASTM D 698 (Standard Proctor).

Excavations resulting from manhole abandonment shall be backfilled with suitable, job-excavated material to top of subgrade. Compact to 95% maximum dry density as determined by ASTM D 698 (Standard Proctor). Restore surface to the condition existing prior to excavation with native material, gravel surfacing, or asphalt concrete pavement, as shown for trench repair on the Plans.

7-05.3(3) Connection to Existing Manholes

Supplement this section with the following:

The Contractor shall be required to core drill into the structure, shape the channel to accommodate the new pipe, and grout the opening.

7-05.4 Measurement

Replace the first paragraph of this section with the following:

Manholes will be measured per each, regardless of height.

7-05.5 Payment

Supplement this section with the following:

In addition to the items listed above for measurement and payment for catch basin and manhole construction, payment per each shall be full compensation for foundation construction including crushed surfacing and cement concrete, excavation, backfilling, dewatering, compaction, adjustment of the manhole to finished grade including trimming and removal of HMA pavement, cement concrete pad, tack coat, and replacement of HMA pavement, complete and in place.

Shoring or extra excavation shall be included in the unit price bid for "Shoring or Extra Excavation," as measured per linear foot of pipeline installed, and no separate payment will be made for that work required for manhole construction.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.1 Description

Delete this section and replace it with the following:

This work includes installing culverts, storm sewers, sanitary sewers, water main, irrigation mains, and conduits. The Contractor shall also follow Section 7-02, 7-04, 7-09, 7-16, 7-17, or 8-20 as it applies to the specific kind of work. In cases of conflict between sections, the more stringent regulation shall apply.

7-08.3 Construction Requirements

7-08.3(1)C Bedding the Pipe

Delete this section and replace it with the following:

Imported pipe zone material for flexible pipes shall be Crushed Surfacing Top Course meeting the requirements of section 9-03.9(3), and shall be placed and compacted in layers as designated by the Engineer. Pipe zone material for

rigid pipes shall be Crushed Surfacing Base Course meeting the requirements of Section 9-03.9(3), or as approved by the Engineer.

7-08.3(2)B Pipe Laying - General

Supplement this section with the following:

Detectable marker tape shall be installed over non-metallic pipelines. The tape shall be placed approximately three feet above the top of the pipe (unless otherwise noted on the Plans) and shall extend its full length. The horizontal location of the tape shall vary no more than one foot from the centerline alignment of the pipe. Detectable marker tape shall meet the requirements of Section 9-15.18 of the Standard Specifications. Tape width shall be a minimum of 3 inches wide, or wider as recommended by the manufacturer for the installation depth.

The Contractor shall furnish and install at his expense all fittings for mainlines and services including those necessary for horizontal and vertical deflections, regardless if shown on plans. This also includes those necessary for making connections to existing pipelines including services and laterals. Any existing fittings or obstructions that require removal for new pipeline connection(s), including any structures, thrust blocking, etc., shall be removed at the Contractor's expense.

All capped utility extensions shall be left exposed and protected until the Engineer surveys the final locations and grades prior to backfilling. Capped utility extensions shall be marked with an 18-inch long section of #4 rebar buried vertically with the top of the rebar set 6-inches below the finished surface, and 8'x2"x4" treated timber post, 4' above ground, painted the appropriate color for the respective utility.

When parallel to existing utilities, new domestic water mains shall be installed a minimum of 10 feet horizontally (outside pipe wall to outside pipe wall, typical) and 18 inches vertically above other nonpotable pipelines. Where this is not possible at the discretion of the Engineer, a water main may be installed a minimum of five feet horizontally and 18 inches vertically above other nonpotable pipelines, as long as the water main is placed in a separate trench and on a bench of undisturbed earth.

When crossing existing utilities, new domestic water mains shall be installed a minimum of 18 inches vertically above nonpotable pipelines. Where this is not possible, or the water main passes under a nonpotable pipeline, the water main shall be installed in a pressure rated pipe casing extending 10 feet each side of the crossing. In addition, where the water main passes under an existing nonpotable pipeline, support shall be provided for the nonpotable pipeline by backfilling the nonpotable pipeline trench with controlled density backfill or

other approved methods. A minimum of 6 inches of separation between the crossing pipelines must be maintained in all cases.

When parallel to existing potable water mains, new nonpotable pipelines shall be installed a minimum of 10 feet horizontally and 18 inches vertically below existing water mains. Where this is not possible at the discretion of the Engineer, a nonpotable pipeline may be installed a minimum of five feet horizontally from an existing water main, as long as the nonpotable pipeline is installed a minimum of 18 inches vertically below the water main and the nonpotable pipeline is placed in a separate trench. If the vertical separation cannot be met, then the nonpotable pipeline shall be constructed of or encased in materials equal to water main standards with a minimum pressure rating of 150psi (C900 PVC, ductile iron, etc.).

When crossing existing potable water mains, new nonpotable pipelines shall be installed a minimum of 18 inches vertically below existing water mains. Support shall be provided for the water main by backfilling the nonpotable pipeline trench with controlled density backfill or other approved methods. Where the minimum clearance is not possible, or the nonpotable pipeline passes above a water main, a full length of nonpotable pipeline shall be centered at the crossing. In addition, the nonpotable pipeline shall either be installed in a pressure rated pipe casing extending 10 feet each side of the crossing, or be constructed of one standard length of pipe material equal to waterline standards with a minimum pressure rating of 150psi (C900 PVC, ductile iron, etc.). A minimum of 6 inches of separation between the crossing pipelines must be maintained in all cases.

The contractor is responsible for meeting these standards, and all costs shall be considered as incidental work to the various bid items and no separate payment will be made.

7-08.3(3) Backfilling

Supplement this section with the following:

Street crossing trenches and other locations as directed by the Engineer shall be backfilled for the full depth of the trench with Select Backfill meeting the requirements for crushed surfacing base course, in Section 9-03.9(3).

Delete the fourth paragraph and replace with the following:

Mechanical compaction shall be required for all trenches. The Contractor is hereby cautioned that time extensions shall not be granted due to inadequate compaction or unstable trench backfill conditions caused by excessive watering. The Contractor shall be responsible for correcting such conditions caused by his own construction activities.

The density of the compacted material shall be at least 95% of the maximum density as determined by ASTM D 698 Tests (Standard Proctor). Compaction tests shall be taken at a frequency and at depths sufficient to document that the required density has been achieved. At a minimum, one (1) compaction test shall be taken for each 100 linear feet of mainline pipeline trench and one (1) test for each street crossing. At alternating 100-foot locations along the main trench line, tests shall be taken at 1-foot, 2-foot, and 3-foot depths below finish grade.

The first 500 feet of trench backfill operations shall be considered a test section for the Contractor to demonstrate his backfilling and compaction techniques. No further trenching will be allowed until the specified density is achieved in the test section. Passing in-place density tests in the test section will not relieve the Contractor from achieving the specified densities throughout the project. The Engineer may request additional tests be performed at the Contractor's expense, if test results do not meet the required trench backfill densities.

Placement of aggregate courses shall not proceed until density requirements have been met.

Copies of moisture-density curves for each type of material encountered and copies of all test results shall be provided to the Engineer as construction progresses.

The Contractor shall notify the Engineer at least three (3) working days prior to beginning trench excavation and backfill operations, and the Resident Engineer shall arrange for in-place density tests to be taken on the completed test section in accordance with the above requirements. The Contractor shall provide a backhoe and operator for the excavation and backfill of test holes. The cost of the backhoe and operator shall be considered as incidental work to the various bid items and no separate payment will be made.

Add the following to the fifth paragraph:

Backfill around all structures shall be water settled with a minimum of 2,000 gallons of water, in addition to mechanical methods, to achieve required compaction.

Payment for mechanical compaction shall be included in the unit price bid for the specified pipe. Payment for water settling adjacent to structures shall be included in the unit price bid for the specified structure.

7-08.3(5) Existing Utilities (New Section)

The following new section shall be added to the Standard Specifications:

The locations and/or elevations of existing utilities shown on the Plans are based upon utility information of record, visible structures such as catch basins, manholes, valve boxes, etc., and utility locate markings in the field. These are shown for convenience only, and the Engineer assumes no responsibility for improper locations or failure to show utility locations on the Plans. Contractor shall call 1-800-424-5555 prior to any excavation work per RCW 19.122.030. Additionally, the Contractor shall complete all necessary excavations to fully expose all new connection point(s) prior to installation of new pipelines, at his expense.

When utility services occupy the same space as new pipelines, the Contractor shall complete necessary excavation to fully expose such services prior to installation of new pipelines. The Contractor shall protect said services, and work around them during excavating and pipe laying operations. Any damages to services resulting from the Contractor's operation shall be reported to the appropriate utility. Such damage shall be repaired at the Contractor's expense.

7-08.4 Measurement

Delete the last paragraph and replace it with the following:

Shoring or extra excavation will be measured by the linear foot.

Supplement this section with the following:

There will be no separate measurement or payment for dewatering operations by the Contractor. All costs associated with dewatering operations shall be included in the various bid items associated with the work.

There will be no separate measurement or payment for sawcutting the existing asphalt concrete roadway at drainage and utility crossings. All costs for sawcutting necessary for trench excavation shall be included in the various bid items associated with the work.

The length and depth of "Select Backfill, as Directed" shall be neat-line field measured by the Engineer. The trench width payment line limit for "Select Backfill, as Directed" shall be as shown on the Plans. No measurement or payment will be made for select backfill material beyond the payment line limit.

7-08.5 Payment

Delete the seventh Bid item and replace it with the following:

The unit contract price per linear foot for "Shoring or Extra Excavation", shall be full compensation for all labor, equipment, tools, and material required to

construct the shoring, cofferdam, or caisson including excavation, installation and removal of the shoring, backfilling, and compaction, all as shown on the Plans and as specified herein. When extra excavation is used by the Contractor in lieu of constructing the shoring, cofferdam, or caisson, the unit price bid shall be full pay for all additional excavation, backfill, compaction, and other work required. If select backfill material is required within the limits of the trench excavation, it shall also be required as backfill material for the extra excavation at the Contractor's expense.

Supplement this section with the following:

Payment for all pipe items shall be made as follows: 75% of the unit contract bid price for materials and initial installation; the next 15% of the unit contract bid price upon the successful completion of density testing; and the final 10% of the unit contract bid price upon the completion of pipe testing including hydrostatic, bacteriological, air pressure and mandrel testing, as well as televising if required.

Payment for "Select Backfill, as Directed" will be made at the unit contract price per cubic yard per neat line as shown in details, which shall be full compensation for furnishing, hauling, placing, and compacting the material where directed by the Engineer. The cost for hauling and disposal of excavated material to be replaced with select backfill shall be considered as incidental work to the various bid items and no separate payment will be made.

7-09 WATER MAINS

7-09.1 Description

7-09.1(1)D Pipe Zone Backfill

Delete this section and replace it with the following:

Pipe zone backfill includes material above the pipe zone bedding up to the depths shown on the Details.

7-09.2 Materials

Pipe for main line approved for use on this project shall be as follows:

Pipe for Main Line:

Ductile Iron Pipe

Polyvinyl Chloride (PVC) Pressure Pipe (4 inches and over)

Polyvinyl Chloride (PVC) Pressure Pipe (under 4 inches)

Supplement this section with the following:

Ductile Iron Pipe: Ductile iron pipe shall be Standard Thickness Class 52. All cast iron fittings and flanged ductile iron fittings shall be Class 250. All ductile iron mechanical joint fittings shall be Class 350 conforming to AWWA C110/ANSI A-21.10 and AWWA C153/ANSI A-21.53. Mortar lining thickness for fittings shall be the same thickness as specified for pipe.

Polyvinyl Chloride (PVC) Pressure Pipe: Fittings shall be mechanical joint and/or flanged in accordance with the Plans and Section 9-30.2(1) of the Standard Specifications.

Tracer Wire: Tracer wire shall be 12-gauge heavy insulated (60 mil) copper wire with UF insulation colored for the utility being installed in accordance with Section 9-15.18.

Fittings for Main Lines:

Connection Couplings: Couplings for Ductile Iron or PVC pipe, either transition or straight couplings, shall be compression type flexible couplings conforming to Section 9-30.2(7) of the Standard Specifications.

Fittings shall be manufactured in the U.S.A.

Aggregates:

Gravel Backfill for Pipe Zone: Imported pipe zone material for flexible pipes shall be Crushed Surfacing Top Course meeting the requirements of section 9-03.9(3), and shall be placed and compacted in layers as designated by the Engineer. Pipe zone material for rigid pipes shall be Crushed Surfacing Base Course meeting the requirements of Section 9-03.9(3), or as approved by the Engineer.

Trench Backfill: All longitudinal water main trenches shall be backfilled full depth above the pipe zone with native material (free of organic material, wood, rocks, or pavement chunks larger than 6-inches in maximum dimension), unless otherwise directed by the Engineer. Street crossing trenches and other locations as directed by the Engineer shall be backfilled full depth with imported select backfill. Imported select backfill, where directed by the Engineer, shall be crushed surfacing base course, placed and compacted in layers.

7-09.3 Construction Requirements

7-09.3(5) Grade and Alignment

Delete the third paragraph and replace it with the following:

Depth of water main shall be as shown on the Plans.

7-09.3(6) Existing Utilities

Delete this section and refer to Section 7-08.3(5) Existing Utilities (New Section).

7-09.3(7) Trench Excavation

Supplement this section with the following:

The Contractor shall neatly sawcut all areas of existing pavement within the trench excavation area, then remove and haul all waste materials from the project and dispose of at an approved site provided by the Contractor. Should any undermining occur on adjacent pavement, the Contractor shall neatly cut the pavement six (6) inches beyond the undermined area, at his expense.

All trench excavations shall have adequate safety systems for the trench excavation that meet the requirements of the Washington Industrial Safety and Health Act, Chapter 49.17 RCW. The Contractor shall be fully responsible for providing the necessary back sloping, cribbing, trench boxes, etc., as required to meet the specified safety requirements for the trench.

7-09.3(9) Bedding the Pipe

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

Gravel backfill for pipe zone bedding shall be as specified in Section 7-09.2.

7-09.3(11) Compaction of Backfill

Delete the first paragraph and refer to Section 7-08.3(3) Backfilling.

7-09.3(19)A Connections to Existing Mains

Supplement this section with the following:

No connections to existing mains are allowed until new mains have been tested and accepted by the Engineer.

No public water valves shall be opened or closed by anyone but the City of Pasco. The Contractor shall coordinate existing valve operation with the City of Pasco. In no case shall any existing water main be closed or any individual service be without water service for a period of greater than eight (8) hours, or as otherwise approved by the City.

7-09.3(20) Detectable Marking Tape

Delete this section and replace it with the following:

Detectable marking tape and tracer wire shall be installed over all water pipes, including service lines. The tape shall be placed approximately 2-feet above the top of the line and shall extend its full length. The tracer wire shall be fastened to the top of the pipe with duct tape at 6-foot intervals and shall be routed up into valve boxes with adequate length for connection to location equipment.

7-09.3(23) Hydrostatic Pressure Test

Replace the first sentence with the following:

All water mains and appurtenances shall be tested under a hydrostatic pressure of 180 psi.

7-09.3(24)N Final Flushing and Testing

Replace the second sentence of the third paragraph with the following:

Samples will be collected and bacteriological tests obtained by the Contractor. The Contracting Agency shall be present when samples are collected. Samples may be taken by the Contracting Agency at their option. AWWA Standard C651 shall be used as a guideline for disinfecting water mains.

7-09.4 Measurement

Supplement this section with the following:

There will be no separate measurement or payment for dewatering operations by the Contractor.

The unit price measurement for "Blow-Off Assembly" shall be per each.

The length and depth of "Select Backfill, as Directed" shall be field measured by the Resident Engineer. The trench width payment line limit for "Select Backfill, as Directed" shall be as shown on the Plans. No measurement or payment will be made for excavation or backfill material beyond the payment line limit.

7-09.5 Payment

Supplement this section with the following:

The unit contract price per linear foot for “8” Pipe for Water Main 8 In. Diam.”, shall be full compensation for all labor, tools, equipment, and materials necessary to furnish and install water main pipe and fittings as shown on the Plans, including, but not limited to, trench excavation of all materials regardless of the nature, trench dewatering, bedding, imported pipe bedding material in the pipe zone, laying and jointing pipe and fittings, polyethylene encasement around ductile iron pipe and fittings, locating wire, detectable marking tape, concrete thrust blocking, backfilling and compaction, testing, disinfecting the pipeline, flushing, dechlorination of water used for flushing, and cleanup.

Payment for all pipe items shall be made as follows: 75% of the unit contract bid price for materials and initial installation; the next 15% of the unit contract bid price upon the successful completion of density testing; and the final 10% of the unit contract bid price upon the completion of pipe testing, including hydrostatic, and bacteriological.

The unit contract price per each “Blow Off Assembly” shall be full compensation for all labor, tools, equipment, and materials necessary to furnish a full blow off assembly as detailed in the contract plans including excavation, dewatering, bedding, pipe, jointing and laying, concrete blocking, disinfecting, static testing, backfill compaction, water main valve, water valve boxes, and adjustment to final grade. Where identified in the plans to be extended in the future, full size water main valve shall be installed. The payment limits for the Blow Off Assembly shall begin at the water main valve and include

The unit contract price per linear foot for “Shoring or Extra Excavation”, shall be full compensation for all labor, tools, equipment, and materials necessary to furnish and install shoring or over-excavate on trenches exceeding four (4) feet in depth, per Section 2-09 of the Standard Specifications and applicable amendments.

7-12 VALVES FOR WATER MAINS

7-12.2 Materials

Supplement this section with the following:

Gate Valves: All gate valves size 3-inch through 10-inch shall be resilient seated conforming to the latest AWWA Standard C509 or C515. All gate valves shall have non-rising stems, open counterclockwise, and shall be provided with a 2-inch square AWWA operating nut.

All gate valves 3-inch and larger shall have mechanical joint and/or flanged connections as shown on the Plans, non-rising stems, open counterclockwise, and shall be provided with a 2-inch square operating nut. Stuffing box shall be O-ring type.

Tapping Sleeve and Valve Assemblies: Tapping sleeves shall be full circle stainless steel with ductile iron flanged outlet, conforming to the latest AWWA Standard C223. Tapping gate valves shall meet the requirements for Gate Valves in Section 7-12.2. The following stainless steel tapping sleeves are approved for use: Ford FAST style, Romac model SST, and Smith-Blair.

Valve Boxes: The top section of the valve boxes shall be a two-piece adjustable box meeting City of Pasco Design and Construction Standards.

7-12.3 Construction Requirements

Supplement this section with the following:

Tapping Sleeve and Valve Assemblies: The Contractor or Subcontractor completing the work shall have at least five (5) years' experience with a minimum of ten (10) water main taps of pipes with diameters equal to or larger than specified in this project. Contractor shall notify Engineer at least 72 hours prior to all proposed taps and provide work experience references if requested. Work to complete the tap shall not commence without Engineer's written approval. If the Contractor or Subcontractor does not have sufficient experience in the sole opinion of the Engineer, a qualified Subcontractor as approved by the Engineer, shall be used to complete the tap at no additional cost or contract time to the Contracting Agency.

Valves: Upon completion of all work in connection with this Contract, the Contractor shall coordinate with the City of Pasco to open all valves involved in this work and the Engineer so notified.

Valve Boxes: Valve boxes should be set to position during backfilling operations so they will be in a vertically centered alignment to the valve operating stem.

Adjustment to Grade: The Contractor shall adjust all water valve boxes to the final grade of the surrounding area including new concrete sidewalk, asphalt pavement, gravel surfacing, or topsoil surfacing. Valve box cover shall be rotated such that lugs are in-line with pipe alignment.

In asphalt concrete areas, water valve boxes shall be adjusted to grade in accordance with the procedure outlined in Section 7-05.3(1) of these Special Provisions. The Contractor shall keep the valve boxes free from debris caused by the construction activities. All valve boxes will be inspected during final walk-thru to verify that the valve box is plumb and that the valve wrench can be placed on the operating nut. Misaligned valve boxes shall be excavated, plumbed, and backfilled at the Contractor's expense.

7-12.5 Payment

Supplement this section with the following:

The unit contract price per each for “___ Valve ___ In.”, shall be full pay for all work to furnish and install the valve complete in place on the water main, including excavation, dewatering, existing pipe removal, bedding, jointing and laying, concrete blocking, painting, disinfecting, hydrostatic testing, backfill, compaction, valve nut extension, valve box, and final adjustment to finish grade including collar.

The unit price bid per each for “Adjust Valve Box,” shall be full pay for all work to adjust the existing water valve box to final grade, including sawcutting pavement, excavation, dewatering, adjustment, riser, cleaning, backfill, compaction, valve nut extension, cement concrete, hot mix asphalt, collar, and raking the immediate area in non-pavement areas.

7-14 HYDRANTS

7-14.1 Description

Supplement this section with the following:

This work consists of furnishing and installing new fire hydrants as shown on the Plans.

7-14.2 Materials

Supplement this section with the following:

All hydrants shall be dry-barrel, compression type, with a Main Valve Opening (MVO) of 5-1/4" and suitable for working pressures up to 150 psi meeting the requirements of C502. Hydrants shall have a 1-1/2" pentagon operating nut, opening left. All hydrants shall include a 5"x4-1/2" NH connector and cap, Storz HPHA50-45NH and HBC-50. Threads on all ports shall be National Standard Thread.

Approved manufacturers include Mueller (Centurion), Clow (Medallion), and Waterous (Pacer WB-67).

7-14.3 Construction Requirements

7-14.3(1) Setting Hydrants

Delete the first and second paragraphs and replace with the following:

The hydrant shoe shall be set to the correct elevation on a concrete block base, which has been placed on undisturbed earth. Around the base of the hydrant and weep hole, the Contractor shall place washed drain rock, to allow free drainage of the hydrant. The drain rock shall be completely surrounded with construction geotextile filter fabric.

The contractor shall set all hydrants plumb and nozzles parallel with, or at right angles to, the curb, with the pumper nozzle facing the curb. Hydrants shall be set so that the flange is 2"-8" above the back of curb, sidewalk, or finished grade to clear nuts and bolts. Hydrants shall be ordered with the bury depth required to meet the flange elevation requirements. The Contractor shall be responsible for verifying the hydrant flange elevations and no extensions will be allowed.

Fire hydrants shall be painted with two coats of high visibility yellow paint.

Fire hydrants shall be located 1-foot behind the back of sidewalk to the face of hydrant where the sidewalk is adjacent to the curb and 7-feet behind the back of curb where the sidewalk is not adjacent to the curb. Hydrants adjacent to roadside swales shall be located 1-foot behind the swale on the property line side.

No bends are allowed in fire hydrant runs. If a bend cannot be avoided, the elbow fittings shall be mechanically restrained with EBAA Megalugs or approved equal.

Hydrants installed outside of paved areas where there will not be maintained landscaping shall install a 4' x 4' concrete pad around the hydrant.

7-14.3(2) Hydrant Connections

Replace this section with the following:

Hydrant runs shall be connected to the main with a minimum 6-inch diameter ductile iron (or as specified on plans) water main or as shown on the Plans, and shall include an auxiliary gate valve, set vertically, and valve box placed as shown on the Plans.

7-14.3(2)A Hydrant Restraints

Replace this section with the following:

All hydrants shall be securely connected to the water main as shown on the City's Standard Detail, and each joint shall be mechanically restrained.

7-14.3(2)B Auxiliary Gate Valves and Valve Boxes

Replace this section with the following:

Auxiliary gate valves and valve boxes shall be installed in accordance with Section 7-12.

7-14.5 Payment

Delete the following:

The unit Contract price per each for “Hydrant Assembly” shall be full pay for all Work to furnish and install fire hydrant assemblies, including all costs for auxiliary gate valve, shackles, tie rods, concrete blocks, gravel, and painting required for the complete installation of the hydrant assembly as specified, except the pipe connecting the hydrant to the main and the hydrant lateral tee will be paid for as specified in Section 7-09.5.

and replace with

The unit Contract price per each for “Hydrant Assembly” shall be full pay for all Work to furnish and install fire hydrant assemblies, including all costs for auxiliary gate valve, shackles, tie rods, concrete blocks, gravel bedding, mechanical restraints, thrust blocks, and painting required for the complete installation of the hydrant assembly as specified. All pipe, fittings, and incidentals including the lateral tee to connect the hydrant to the water main shall be considered incidental to the hydrant assembly and no separate payment shall be made.

7-16 IRRIGATION MAINS (NEW SECTION)

The following new section shall be added to the Standard Specifications:

7-16.1 Description

This work consists of constructing new and/or rehabilitating existing irrigation mains and services.

These specifications describe the ultimate function to be achieved, that is the rehabilitation of the existing irrigation system piping to provide leakproof, pressurized irrigation service. Therefore, the precise materials and the methods outlined are not described in detail in the following sections. All materials and methods used shall be approved by the Engineer, prior to beginning work.

7-16.2 Materials

Supplement this section with the following:

Pipe for main line approved for use shall be as follows:

Pipe for Main Line: All irrigation pipelines under roadways shall meet the requirements of Section 9-30.1 (Ductile Iron) or Section 9-30.1(5)A (AWWA C900). Fittings shall be cast or ductile iron. All irrigation pipe shall be installed with a minimum cover of 30 inches, and pipe zone bedding and backfill per Section 7-09.2.

Tracer Wire: Tracer wire shall be 12-gauge heavy insulated (60 mil) copper wire with UF insulation colored for the utility being installed in accordance with Section 9-15.18. Direct bury splice kits shall be 3M DBY-6.

7-16.2(1) Handling of HDPE Pipe

The manufacturer shall package the pipe in a manner designed to deliver the pipe to the project neatly, intact, and without physical damage. The transportation carrier shall use appropriate methods and intermittent checks to ensure the pipe is properly supported, stacked, and restrained during transport such that the pipe is not nicked, gouged, or physically damaged.

Pipe shall be stored on clean, level ground to prevent undue scratching or gouging of the pipe. If the pipe must be stacked for storage, such stacking shall be done in accordance with the pipe manufacturer's recommendations. The handling of pipe shall be done in such a manner that it is not damaged by dragging over sharp objects or cut by chokers or lifting equipment.

Sections of pipe having been discovered with cuts or gouges in excess of 10% of the wall thickness of the pipe shall be cut out and removed or the section of pipe rejected.

7-16.3 Construction Requirements

7-16.3(1) Preparation of Existing Lines

It shall be the responsibility of the Contractor to clean and clear the existing irrigation lines of obstructions, solids, roots, collapsed pipe, or any other impediment or material which prevents proper insertion of the sliplining pipe. If inspection reveals an obstruction that is not at the location of an access pit or new service connection, the Contractor shall make an excavation to expose and remove or repair the obstruction. Such excavation shall be approved by the Owner prior to the commencement of the work.

7-16.3(1)A Cleaning Existing Pipe

The Contractor shall be required to furnish all labor, equipment, appliances, and materials necessary for cleaning the irrigation system pipes including the removal of all debris, roots, solids, sand, rock, etc., from the existing irrigation lines.

Existing irrigation mains shall be cleaned using mechanical, hydraulically-propelled, and/or high velocity cleaning equipment. The cleaning process shall remove all debris from each irrigation main segment. All cleaning equipment and devices shall be operated by experienced personnel. Satisfactory precautions shall be taken to protect the irrigation mains from damage that might be inflicted by the improper use of cleaning equipment.

The Contractor shall be responsible for collection and disposal of all materials collected or accumulated during the cleaning process and shall comply with all Federal, State, and local environmental and anti-pollution laws, ordinances, codes, and regulations. Under no circumstances shall materials generated from pipe cleaning activity be improperly disposed, dumped onto streets or ditches, catch basins, storm drains, or sanitary sewers.

The Contractor shall be required to demonstrate the performance capabilities of cleaning equipment proposed for use on the project. If the results obtained by the proposed pipe cleaning equipment are not satisfactory, the Contractor shall use different equipment and/or attachments, as required, to meet the specifications, or as directed by the Engineer.

7-16.3(1)B Inspect Existing Pipe

The Contractor shall be required to furnish all labor, materials, and equipment necessary for television inspection and video recording operations.

The Contractor shall provide a DVD recording and logs of the televised inspection for review by the Engineer a minimum of 72 hours prior to sliplining work. If the Contractor provides a video recording of such poor quality that it cannot be properly evaluated, the Contractor shall re-televisize as necessary and provide a video of good quality at no additional cost to the Owner. No sliplining shall take place until videos have been reviewed by the Engineer and written approval has been provided to the Contractor.

The television unit shall have the capability of displaying in color, on DVD, pipe inspection observations such as changes in alignment, pipe defects, sags, points of root intrusion, offset joints, service connection locations, and any other relevant physical attributes. Each DVD shall be permanently labeled with the following: Project Title; date of television inspection; location and size of irrigation main;

street/easement location; name of Contractor; date video submitted; and video number.

The Contractor shall provide a line diagram area sketch and written log for each completed segment of televised irrigation main describing the section being televised, camera direction, position of service connections, description and location of failures, pipe type and condition, weather conditions, and other significant observations.

The television inspection equipment shall have an accurate footage counter which displays on the monitor the exact distance of the camera from the center of the starting point. A camera with rotating and panning lens capabilities is required. The camera height shall be centered in the conduit being televised. The speed of the camera through the conduit shall not exceed 40 feet per minute.

There may be occasions during televised inspection when the camera will be unable to pass an obstruction. At that time, and prior to proceeding, the Contractor shall contact the Owner's inspector. If the length of irrigation main cannot be televised due to obstruction, the Contractor shall clean the system as necessary. If, in the opinion of the Owner's inspector, the obstruction is attributed to blockage non-removable by cleaning, televising shall be suspended, payment shall be made based on the actual televised length, and the remaining televising of irrigation piping shall be continued upon successful correction of the blockage by the Contractor. No additional payment shall be made for additional setups required due to obstructions encountered during televising.

No separate payment will be made for any excavations or any other method which may be required to retrieve video equipment that may have been hung up, destroyed, and/or lost during the operation.

7-16.3(1)C Obstruction Removal

The Contractor shall be required to remove in entirety all full and partial obstructions discovered during the cleaning and television inspection work, including existing service connections, prior to sliplining work.

At existing service connections, the Contractor shall excavate and remove the existing service connections from the existing irrigation main. If a new service connection is proposed for the location, the Contractor shall remove a minimum two (2) foot section of the existing main, centered on the location of the proposed service connection.

Blockages and obstructions shall be removed using non-intrusive methods where possible. If the blockage or obstruction cannot be removed using non-intrusive methods, the Contractor shall excavate and remove the blockage. The Contractor

shall notify the Engineer and receive approval prior to beginning excavation for blockage.

7-16.3(2)G Service Connections

New irrigation service connections shall be made at locations as shown on the Plans or as otherwise directed by the Owner. All existing and new service connections shall be identified and located prior to pipe rehabilitation work. All existing service connections shall be removed in entirety from the existing main and all locations requiring new service connection shall be prepared by removing a minimum of a 2- foot section of the existing main, centered on the location of the proposed service connection, prior to the pipe rehabilitation work.

The Contractor shall allow a sufficient pipe relaxation period, as recommended by the pipe manufacturer, but not less than two hours, following the insertion of the liner pipe prior to completing new service connections.

Service connections shall be Romac style 101S with stainless steel straps and Ford C86-33 coupling, or approved equal. Service saddles shall provide a 3/4-inch service outlet, unless otherwise specified, and shall be suitable for the size and type of new irrigation main. Holes for services made in the new irrigation main shall be full circle, made with a hole saw, and match the service size (i.e. 3/4" hole for 3/4" service, etc.). All service coupons shall be retained. Following sufficient cooling time, all service saddle connections shall be pressure tested by the Contractor and approved by the Owner prior to tapping the main, completion of the service, and backfilling operations.

The Contractor shall verify and confirm new service connections are connected to the intended private irrigation system using compressed air, or other method as proposed by the Contractor and approved by the Engineer. The Contractor shall disconnect existing service lines where new service locations are installed as shown on the Plans. Where adjacent property owners connected irrigation services to existing customer service piping, the Contractor shall disconnect these services as directed by the Engineer.

The Contractor shall record existing service valve position (Open/Closed) on a set of record drawings prior to removal and the Contractor shall return new valve to original position after pressure testing and acceptance. These record drawings shall be provided to the Engineer upon completion of the project.

7-16.3(2)H Leak Testing

Pressure testing HDPE pipe shall be conducted in accordance with ASTM F2164. All pipes (both PVC and HDPE) shall be filled with water raised to test pressure and allowed to stabilize. The test pressure shall be 60 psi. The irrigation main piping shall pass if the final pressure is within 5% of the test pressure for one hour.

Irrigation service piping shall pass if the final test pressure holds for a minimum of 10 minutes. For safety reasons, hydrostatic testing will be the only acceptable testing method. The Contractor shall maintain a log of all pipe and service testing completed on the project. At a minimum, the testing log shall indicate the following parameters: Name of technician, time, test pressure, test duration, and whether the test passed or failed.

7-16.4 Measurement

No unit of measurement will apply.

7-16.5 Payment

The lump sum contract price for "Irrigation System, Complete" shall be full compensation for furnishing all labor, materials, tools, equipment and incidentals necessary to construct a complete irrigation system as shown on the Plans and specified herein, including trench excavation of all materials regardless of the nature, trench dewatering, bedding, imported pipe bedding material in the pipe zone, laying and jointing pipe and fittings, detectable marking tape, raceway conduit, connections, backfilling and compaction, and restoring facilities destroyed or damaged during construction. All additional materials and labor not shown on the Plans or called for herein and which are required to complete the various systems shall be considered as incidental to the construction and be included in the lump sum contract price, and no additional compensation shall be allowed.

7-17 SANITARY SEWERS

7-17.1 Description

This section is supplemented with the following:

The term "sewer(s)" and "sanitary sewer(s)" shall mean the same.

7-17.2 Materials

Pipe approved for use on this project shall be as follows:

PVC Sanitary Sewer Pipe: Polyvinyl chloride pipe with flexible gasketed joints shall conform to the requirements of Section 9-05.12(1) of the Standard Specifications.

PVC fittings for sanitary sewer pipe such as wyes, plugs, caps, etc., shall be flexible gasket joint fittings acceptable for use and connection to PVC pipe.

Detectable Marker Tape: Marker tape shall be a detectable type and shall be marked "SEWER," and shall conform to Section 9-15.18 of the Standard Specifications.

7-17.3 Construction Requirements

7-17.3(2)A General

Delete the first paragraph and replace it with the following:

All sewer pipes and appurtenances shall be cleaned and tested after backfilling by either the exfiltration or low-pressure air method at the option of the Contractor. Deflection testing shall be done by pulling a steel mandrel through the pipe. All testing shall be witnessed by the Engineer.

7-17.3(2)H Television Inspection

Delete the first paragraph and replace it with the following:

All new sewer lines shall be inspected by the Contractor by use of television camera before final acceptance. The costs incurred for making the television inspection shall be included in the unit price bid for the various sizes and types of pipe as found in the Proposal. The Contractor shall notify the Owner and Engineer a minimum of one week prior to scheduling any television inspection(s).

The television inspection shall be recorded on a DVD and include logs and a verbal narrative indicating construction deficiencies, side sewer locations and other notable items. Each DVD shall be permanently labeled with the Project Title, Contractor name, date of inspection, location and size of pipe, and video number. A written log shall also be provided for each segment of pipe that correlates to the respective video.

The Contractor shall submit one copy of the television inspection DVD and written logs to the Engineer for review and approval within one week of completing the inspection.

7-17.4 Measurement

Delete the second paragraph and replace it with the following:

There will be no separate measurement for testing and video inspection

7-17.5 Payment

Delete the second paragraph and replace it with the following:

The unit contract price per linear foot for sewer pipe shall be full compensation for all labor, materials, tools, and equipment necessary to furnish and install the PVC pipe and fittings including, but not necessarily limited to, sawcutting, trench excavation of all materials regardless of the nature, protecting, stabilizing, and supporting existing utilities, structures, and utility services to remain, dewatering, pipe zone bedding, laying and jointing the pipe and fittings, backfill and compaction, adjustment of inverts to manholes, connection to new and existing manholes including coring and rechanneling manhole, detectable marking tape, grading and fine grading, testing, video inspection, and removal and disposal of excess material as shown on the Plans and specified herein.

This section is supplemented with the following:

Payment for all pipe items shall be made as follows: 75% of the unit contract bid price for materials and initial installation; the next 15% of the unit contract bid price upon the successful completion of density testing; and the final 10% of the unit contract bid price upon the completion of pipe testing including infiltration/exfiltration, deflection, and televising as required.

7-18 SIDE SEWERS

7-18.3 Construction Requirements

7-18.3(1) General

Supplement this section with the following:

Side sewers shall not be backfilled prior to inspection by the Resident Engineer. All deficiencies shall be corrected as directed by the Engineer prior to the backfilling and acceptance of the side sewer.

7-18.3(3) Testing

Delete this section and replace it with the following:

Side sewers shall be tested up to the property line, or nearest joint thereto, simultaneously with the sanitary sewer main, for the required exfiltration test. The Contractor shall provide all fittings necessary to test the side sewers as outlined in Section 7-17.3(2) of the Standard Specifications. That segment of the side sewer between the property line and the building structure may be tested with the main line, or separately, and the Contractor may install a tee fitting at the property line to facilitate testing. All necessary test fittings shall be removed and all openings plugged at the completion of the test.

7-18.3(4) Extending Side Sewers Into Private Property

Supplement this section with the following:

The Contractor shall provide at least a three (3) day notice to a property owner in advance of when construction will take place on the owner's property, but no more than a seven (7) day notice.

Side sewer stub ends (future connections) shall be marked with an 18-inch long section of #4 rebar buried vertically with the top of the rebar set 6-inches below the finished surface, and 8'x2"x4" treated timber post, 4' above ground, painted green.

The Contractor shall use extreme care when working on private property and minimize the extent of the on-site construction activities. All items damaged shall be repaired or replaced at no cost to the Contracting Agency or property Owner.

Prior to excavating for the side sewer, the Contractor shall remove all existing topsoil to a depth of at least 6 inches and stockpile. After backfilling operations are complete, the topsoil shall be replaced and all rocks, clods, and other deleterious materials shall be removed. The ground surface shall be restored to grade, raked to a uniform surface, and left in a condition ready to accept the property owner's landscaping improvements. No payment will be made for side sewer improvements on a given parcel until the Engineer has accepted the final surface conditions.

7-18.5 Payment

Replace this section with the following:

Payment shall be made in accordance with Section 7-17.5 of these Technical Specifications.

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.3 Construction Requirements

8-01.3(1)B Erosion and Sediment Control (ESC) Lead

Delete the first sentence of the first paragraph and replace it with the following:

When the project includes coverage under a Construction Stormwater General Permit or when the bid item "ESC Lead" is included in the Unit Price Bid Proposal, an ESC Lead will be required on the project and the Contractor shall

identify the ESC Lead at the preconstruction conference discussions, and in the TESC Plan.

Section 8-01.3(1)B is revised to read:

(May 28, 2020)

The Contractor shall identify the ESC Lead at the preconstruction discussions and in the TESC Plan. The ESC Lead shall have, for the life of the Contract, a current Certificate of Training in Construction Site Erosion and Sediment Control from a course approved by the Washington State Department of Ecology. The ESC Lead must be onsite or on call at all times throughout construction. The ESC Lead shall be listed on the Emergency Contact List required under Section 1-05.13(1).

The ESC Lead shall implement the TESC Plan. Implementation shall include, but is not limited to:

1. Installing, adaptively managing, and maintaining temporary erosion and sediment control BMPs to assure continued performance of their intended function. Damaged or inadequate BMPs shall be corrected immediately.
2. Updating the TESC Plan to reflect current field conditions.
3. Inspecting and reporting on all areas disturbed by construction activities, all on-site erosion and sediment control BMPs, and all storm water discharge points every calendar week and within 24 hours of runoff events in which storm water discharges from the site or as directed by the Engineer.
4. Submit to the Engineer no later than the end of the next working day following the inspection a TESC Inspection Report that includes:
 - 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 TESC BMP deficiencies.
 - d. Identify for each discharge point location whether there is compliance with state water quality standards in WAC 173-201A for turbidity and pH.

Inspection of temporarily stabilized, or inactive sites may be reduced to once every calendar month if allowed by the Engineer.

8-01.3(16) Removal

Delete the first sentence of the first paragraph and replace it with the following:

The Contractor shall remove and dispose of all temporary erosion control BMPs, all associated hardware, and associated accumulated sediment deposition from the project limits at project physical completion. Removal and disposal will be a condition of granting physical completion.

8-01.5 Payment

Replace with the following:

All costs to comply with this section shall be considered as incidental work to the various bid items and no separate payment will be made.

8-04 CURBS, GUTTERS, AND SPILLWAYS

8-04.3 Construction Requirements

8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways

Supplement this section with the following:

Cement concrete traffic curb and gutter constructed on this project shall be as shown on the Details. Full Height or "Barrier" cement concrete traffic curb and gutter as shown on the Detail Sheet shall be used on the roadway as shown on the Plans. Depressed or "Driveway" cement concrete traffic curb and gutter as shown on the Detail Sheet shall be used at all driveway and wheelchair ramp locations as shown on the Plans and as directed in the field by the Engineer. Cement concrete curb and gutter which does not comply with the section details on the Plans shall be removed and replaced at the Contractor's expense.

A template shall be required to be placed at the back of curb for construction of driveway transitions from Barrier to Driveway curb and gutter. The template shall extend from the bottom of curb to the top of the curb, and shall have a minimum length of 6 feet. The Contractor shall also be required to use a template at the back of Driveway/Depressed curb and gutter to ensure a straight and uniform back of curb in conformance with the Details.

The new concrete curb and gutter shall be cured in accordance with Section 5-05.3(13)A of the Standard Specifications. Application of the curing compound shall be in accordance with the manufacturer's recommendations.

First-class workmanship and finish will be required on all portions of concrete curb and gutter work. Quality of workmanship and finish will be evaluated continuously and will be based solely upon the judgment of the Engineer. The Contractor shall be required to construct a minimum 20 linear foot section of curb and gutter which demonstrates quality which is acceptable by the Owner and Engineer. This "model" section will be referenced during construction for comparison to newly poured curb. If at any time it is found that quality is unacceptable, work shall be immediately stopped, and no additional curb and gutter shall be placed. Cement concrete curb and gutter which does not comply with the section details on the Plans, or in the Engineer's opinion does not demonstrate first-class workmanship and finish, shall be removed and replaced at the Contractor's expense. Should the Contractor's equipment or methods be unable to produce curb and gutter meeting the requirements of the Details and Specifications, no further curb and gutter construction will be allowed until corrections have been made to said equipment or methods.

8-04.5 Payment

Supplement this section with the following:

The unit contract price per linear foot for "Cement Conc. Traffic Curb and Gutter," shall include steel reinforcement in driveway or catch basins sections. This unit contract price shall apply to all curb types including barrier, driveway, spill, and pedestrian (except pedestrian curb adjacent to curb ramps), and curb transitions.

8-21 PERMANENT SIGNING

8-21.2 Materials

Supplement this section with the following:

Reflective background sheeting material shall be Type III for regulatory signs and Type I for all other signs.

Sign posts for permanent traffic control signing shall be 2"x2" 12-gauge perforated steel tubing. Socket sleeves for the sign post shall be 2-1/4"x 2-1/4"x30" 12-gauge perforated steel tubing.

8-21.3 Construction Requirements

Supplement this section with the following:

Socket sleeves for sign posts shall be set in 12" diameter x 12" deep base of class 3000 cement concrete at finish grade so that erected signs will be plumb with roadway. The Contractor shall correct any misaligned socket sleeves at his own expense.

8-21.5 Payment

Supplement this section with the following:

All costs associated with the relocating, furnishing, and installation of traffic signs shall be included in the lump sum bid item, "Permanent Signing."

8-22 PAVEMENT MARKING

8-22.1 Description

Supplement this section with the following:

This work includes temporary pavement as described in the Plans.

8-22.5 Payment

Supplement this section with the following:

The lump sum bid price for "Pavement Markings" shall be full compensation for all labor, tools, equipment, and materials necessary to complete this item of work in place, including temporary and permanent markings, dimensional layout in the field, cleaning pavement surfaces, removal of existing pavement markings required for new markings, and furnishing and installing all markings, as shown on the Plans. All markings shall be Type A, Liquid Hot Applied Thermoplastic, unless otherwise approved or noted. Arrows and letters may be Type B, pre-formed fused thermoplastic.

Wage Rates

Federal Wage Determinations.....	WA20200001
WA State Prevailing Wage Rates	
Benefit Code Key	
Labor & Industries Policy Statement	

"General Decision Number: WA20200001 09/11/2020

Superseded General Decision Number: WA20190001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

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

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2020
1	02/14/2020
2	02/28/2020
3	03/06/2020
4	03/13/2020
5	05/01/2020
6	07/03/2020
7	07/10/2020
8	07/24/2020
9	08/07/2020
10	08/14/2020
11	09/11/2020

CARP0003-006 06/01/2018

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

Rates

Fringes

Carpenters:

CARPENTERS.....	\$ 37.64	16.83
DIVERS TENDERS.....	\$ 43.73	16.83
DIVERS.....	\$ 87.73	16.83
DRYWALL.....	\$ 37.64	16.83
MILLWRIGHTS.....	\$ 38.17	16.83
PILEDRIVERS.....	\$ 38.71	16.83

DEPTH PAY:

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

Zone Differential (Add up Zone 1 rates):

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

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

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

 CARP0030-004 06/01/2019

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.....	\$ 45.92	16.52
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 46.02	16.52
CARPENTERS.....	\$ 45.92	16.52
DIVERS TENDER.....	\$ 50.79	16.52
DIVERS.....	\$ 99.68	16.52
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 47.42	16.52
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 46.17	16.52

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

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 & 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 06/01/2019

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

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 46.02	16.52
CARPENTERS.....	\$ 45.92	16.52
DIVERS TENDER.....	\$ 50.79	16.52
DIVERS.....	\$ 99.68	16.52
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 47.42	16.52
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 46.17	16.52

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

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 08/03/2020

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 59.91	3%+21.46
ELECTRICIAN.....	\$ 58.78	3%+22.51

* ELEC0048-003 01/01/2020

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 47.85	24.41

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 01/01/2020

COWLITZ AND WAHIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 47.85	24.41

ELEC0073-001 01/01/2020

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

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 36.05	19.23

ELEC0076-002 08/31/2018		

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

	Rates	Fringes
CABLE SPLICER.....	\$ 48.06	23.23
ELECTRICIAN.....	\$ 43.69	23.10

ELEC0112-005 06/01/2019		

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

	Rates	Fringes
CABLE SPLICER.....	\$ 48.35	21.13
ELECTRICIAN.....	\$ 46.05	21.06

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 06/01/2020		

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

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1A.....	\$ 48.41	22.47
Group 1AA.....	\$ 49.13	22.47
Group 1AAA.....	\$ 49.83	22.47
Group 1.....	\$ 47.70	22.47

Group 2.....	\$ 47.08	22.47
Group 3.....	\$ 46.55	22.47
Group 4.....	\$ 43.54	22.47

Zone Differential (Add to Zone 1 rates):

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar 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; Scrpers-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 mahine-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 07/01/2019

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

ZONE 1:

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

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, 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; Roller (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 andSimilar); 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 09/28/2018

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.....	\$ 44.44	19.97
GROUP 1AA.....	\$ 45.09	19.97
GROUP 1AAA.....	\$ 45.73	19.97
GROUP 1.....	\$ 43.79	19.97
GROUP 2.....	\$ 43.23	19.97
GROUP 3.....	\$ 42.74	19.97
GROUP 4.....	\$ 40.01	19.97

Zone Differential (Add to Zone 1 rates):

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

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

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and

under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

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

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

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

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

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

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

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

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

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

 ENGI0612-012 09/28/2018

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.....	\$ 44.44	19.97
GROUP 1AA.....	\$ 45.09	19.97
GROUP 1AAA.....	\$ 45.73	19.97
GROUP 1.....	\$ 43.79	19.97
GROUP 2.....	\$ 43.23	19.97
GROUP 3.....	\$ 42.74	19.97
GROUP 4.....	\$ 40.01	19.97

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.

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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, KLICKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM 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 Plan 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 Feederman; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

 IRON0014-005 07/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

 IRON0029-002 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 37.00	27.87

IRON0086-002 07/01/2019		

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

IRON0086-004 07/01/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 42.35	29.56

LABO0238-004 06/01/2020		

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

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

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

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

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.
 Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not

limited to cleaning floors, ceilings, walls, windows, etc.
prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

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

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

include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

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

LAB00238-006 06/01/2019

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

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

LAB00242-003 06/01/2020

KING COUNTY

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

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

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$1.00
ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window

Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

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

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

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, airtrac); 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

LAB00252-010 06/01/2020

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.78	12.44
GROUP 2.....	\$ 31.82	12.44
GROUP 3.....	\$ 39.81	12.44

GROUP 4.....	\$ 40.77	12.44
GROUP 5.....	\$ 41.43	12.44

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

ZONE 1 - Projects within 25 radius miles of the respective city hall
 ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
 ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00
 ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
 ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

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

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

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

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, airtrac); 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; Nozzlemann (concrete pump, green cutter when using combination of high pressure air and water on

concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; 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 06/01/2020

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

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

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

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
- ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$1.00
ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

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

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

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

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

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

LAB00335-001 06/01/2020

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

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

Zone Differential (Add to Zone 1 rates):
Zone 2 \$ 0.65

Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: LONGVIEW AND VANCOUVER

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

LABORERS CLASSIFICATIONS

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

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Guniting Nozzleman Tender; Guniting 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; Guniting Nozzleman; High Scalars, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; 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 06/01/2020

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

LABO0348-003 06/01/2020

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

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

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

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
- ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$1.00
ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

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

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

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

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, airtrac); 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 07/01/2020

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHAKIYAKUM COUNTIES

Rates Fringes

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

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, Polyurethanes, 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 07/01/2019

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

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 25.14	12.90
Spray and Sandblasting.....	\$ 25.14	12.90

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

PAIN0055-006 03/01/2020

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

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

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 06/01/2020

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

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

 PLAS0555-002 07/01/2019

CLARK, KLICKITAT 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 06/01/2019

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHAKIUM COUNTIES

Rates Fringes

Truck drivers:

ZONE 1		
GROUP 1.....	\$ 29.08	15.27
GROUP 2.....	\$ 29.20	15.27
GROUP 3.....	\$ 29.34	15.27
GROUP 4.....	\$ 29.62	15.27
GROUP 5.....	\$ 29.85	15.27
GROUP 6.....	\$ 30.03	15.27
GROUP 7.....	\$ 30.24	15.27

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 lifrt 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 06/01/2019

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:.....	\$ 40.38	20.46
GROUP 2:.....	\$ 39.54	20.46
GROUP 3:.....	\$ 36.73	20.46
GROUP 4:.....	\$ 31.76	20.46
GROUP 5:.....	\$ 39.93	20.46

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.

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

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 Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the

Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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

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

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

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

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

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

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

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

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END OF GENERAL DECISION"

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: 10/27/2020

<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>
Franklin	Asbestos Abatement Workers	Journey Level	\$42.54	5D	1H		View
Franklin	Boilermakers	Journey Level	\$69.29	5N	1C		View
Franklin	Brick Mason	Journey Level	\$51.84	5A	1M		View
Franklin	Building Service Employees	Janitor	\$13.50		1		View
Franklin	Building Service Employees	Shampooer	\$13.50		1		View
Franklin	Building Service Employees	Waxer	\$13.50		1		View
Franklin	Building Service Employees	Window Cleaner	\$13.50		1		View
Franklin	Cabinet Makers (In Shop)	Journey Level	\$13.50		1		View
Franklin	Carpenters	Acoustical Worker	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Bridge, Dock & Wharf Carpenter	\$50.53	7E	4X	8N	View
Franklin	Carpenters	Floor Layer & Floor Finisher	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Form Builder	\$49.27	7E	4X	8N	View
Franklin	Carpenters	General Carpenter	\$49.27	7E	4X	8N	View
Franklin	Carpenters	Heavy Construction Carpenter	\$54.48	7E	4X	9E	View
Franklin	Carpenters	Scaffold/Shoring Erecting & Dismantling	\$54.48	7E	4X	8N	View
Franklin	Cement Masons	Journey Level	\$46.83	7B	1N		View
Franklin	Divers & Tenders	Assistant Tender	\$56.73	7E	4X		View
Franklin	Divers & Tenders	Dive Supervisors	\$104.98	7E	4X		View
Franklin	Divers & Tenders	Diver	\$103.48	7E	4X	8V	View
Franklin	Divers & Tenders	Diver on Standby	\$60.42	7E	4X		View
Franklin	Divers & Tenders	Diver Tender	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Diving Master	\$70.53	7E	4X		View
Franklin	Divers & Tenders	Manifold Operator	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Manifold Operator Mixed Gas	\$63.42	7E	4X		View
Franklin	Divers & Tenders	Remote Operated Vehicle Operator	\$59.42	7E	4X		View
Franklin	Divers & Tenders	Remote Operated Vehicle Tender/Technician	\$56.73	7E	4X		View
Franklin	Divers & Tenders	Surface RCV & ROV Operator	\$59.42	7E	4X		View

Franklin	Dredge Workers	Assistant Engineer	\$70.62	5D	3F		View
Franklin	Dredge Workers	Assistant Mate (Deckhand)	\$70.07	5D	3F		View
Franklin	Dredge Workers	Boatmen	\$70.62	5D	3F		View
Franklin	Dredge Workers	Engineer Welder	\$71.97	5D	3F		View
Franklin	Dredge Workers	Leverman, Hydraulic	\$73.41	5D	3F		View
Franklin	Dredge Workers	Mates	\$70.62	5D	3F		View
Franklin	Dredge Workers	Oiler	\$70.07	5D	3F		View
Franklin	Drywall Applicator	Journey Level	\$49.27	7E	4X	8N	View
Franklin	Drywall Tapers	Journey Level	\$44.38	7E	1P		View
Franklin	Electrical Fixture Maintenance Workers	Journey Level	\$13.50		1		View
Franklin	Electricians - Inside	Cable Splicer	\$69.59	5A	1E		View
Franklin	Electricians - Inside	Journey Level	\$67.22	5A	1E		View
Franklin	Electricians - Inside	Welder	\$71.97	5A	1E		View
Franklin	Electricians - Motor Shop	Craftsman	\$15.37		1		View
Franklin	Electricians - Motor Shop	Journey Level	\$14.69		1		View
Franklin	Electricians - Powerline Construction	Cable Splicer	\$82.39	5A	4D		View
Franklin	Electricians - Powerline Construction	Certified Line Welder	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Groundperson	\$49.17	5A	4D		View
Franklin	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Journey Level Lineperson	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Line Equipment Operator	\$64.54	5A	4D		View
Franklin	Electricians - Powerline Construction	Meter Installer	\$49.17	5A	4D	8W	View
Franklin	Electricians - Powerline Construction	Pole Sprayer	\$75.64	5A	4D		View
Franklin	Electricians - Powerline Construction	Powderperson	\$56.49	5A	4D		View
Franklin	Electronic Technicians	Journey Level	\$44.21	5I	1B		View
Franklin	Elevator Constructors	Mechanic	\$97.31	7D	4A		View
Franklin	Elevator Constructors	Mechanic In Charge	\$105.06	7D	4A		View
Franklin	Fabricated Precast Concrete Products	Journey Level	\$13.50		1		View
Franklin	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		1		View
Franklin	Fence Erectors	Fence Erector	\$42.54	7B	1M	8Z	View
Franklin	Fence Erectors	Fence Erector	\$42.54	7B	1M	8Z	View
Franklin	Flaggers	Journey Level	\$40.44	7B	1M	8Z	View
Franklin	Glaziers	Journey Level	\$33.46	7L	4L		View
Franklin	Heat & Frost Insulators And Asbestos Workers	Journey Level	\$55.24	5K	1U		View
Franklin	Heating Equipment Mechanics	Journey Level	\$66.06	5A	1X		View
Franklin	Hod Carriers & Mason Tenders	Journey Level	\$43.39	7B	1M	8Z	View
Franklin	Industrial Power Vacuum	Journey Level	\$13.50		1		View

	Cleaner						
Franklin	Inland Boatmen	Journey Level	\$13.50		<u>1</u>		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$13.50		<u>1</u>		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$13.50		<u>1</u>		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$13.50		<u>1</u>		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$13.50		<u>1</u>		View
Franklin	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$13.50		<u>1</u>		View
Franklin	Insulation Applicators	Journey Level	\$49.27	<u>7E</u>	<u>4X</u>	<u>8N</u>	View
Franklin	Ironworkers	Journeyman	\$64.91	<u>7N</u>	<u>1O</u>		View
Franklin	Laborers	Air And Hydraulic Track Drill	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Asphalt Raker	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Asphalt Roller, Walking	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Brick Pavers	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Brush Hog Feeder	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Brush Machine	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Caisson Worker, Free Air	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Carpenter Tender	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Cement Finisher Tender	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Cement Handler	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Chain Saw Operator & Faller	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Clean-up Laborer	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Compaction Equipment	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Concrete Crewman	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Concrete Saw, Walking	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Concrete Signalman	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Concrete Stack	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Confined Space Attendant	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Crusher Feeder	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Demolition	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Demolition Torch	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Dope Pot Fireman, Non-mechanical	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Driller Helper (when Required To Move & Position Machine)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Drills With Dual Masts	\$43.36	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Dry Stack Walls	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Dumpman	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Erosion Control Laborer	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Final Detail Cleanup (i.e, Dusting, Vacuuming, Window	\$40.44	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View

		Cleaning; Not Construction Debris Cleanup)					
Franklin	Laborers	Firewatch	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Form Cleaning Machine Feeder, Stacker	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Form Setter, Paving	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	General Laborer	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Grade Checker	\$45.07	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Grout Machine Header Tender	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Guard Rail	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Gunite	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Hazardous Waste Worker (level A)	\$43.36	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Hazardous Waste Worker (level B)	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Hazardous Waste Worker (level C)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Hazardous Waste Worker (level D)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Hdpe Or Similar Liner Installer	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	High Scaler	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Jackhammer Operator Miner, Class "b"	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Laser Beam Operator	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Miner, Class "a"	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Miner, Class "c"	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Miner, Class "d"	\$43.36	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Monitor Operator, Air Track Or Similar Mounting	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Mortar Mixer	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Nipper	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Nozzleman	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pavement Breaker, 90 Lbs. & Over	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pavement Breaker, Under 90 Lbs.	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pipelayer	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pipelayer, Corrugated Metal Culvert And Multi-plate.	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pipewrapper	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Plasterer Tenders	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Pot Tender	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Powderman	\$44.73	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Powderman Helper	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Power Buggy Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Power Tool Operator, Gas, Electric, Pneumatic	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Railroad Equipment, Power	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View

		Driven, Except Dual Mobile					
Franklin	Laborers	Railroad Power Spiker Or Puller, Dual Mobile	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Remote Equipment Operator	\$43.36	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Remote Equipment Operator (i.e Compaction And Demolition)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Rigger/signal Person	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Riprap Person	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Rodder & Spreader	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Sandblast Tailhoseman	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Scaffold Erector, Wood Or Steel	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Stake Jumper	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Structural Mover	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Tailhoseman (water Nozzle)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Timber Bucker & Faller (by Hand)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Track Laborer (rr)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Traffic Control Laborer	\$40.44	<u>7B</u>	<u>1M</u>	<u>9D</u>	View
Franklin	Laborers	Traffic Control Supervisor	\$41.44	<u>7B</u>	<u>1M</u>	<u>9E</u>	View
Franklin	Laborers	Trencher, Shawnee	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Trenchless Technology Technician	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Truck Loader	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Tugger Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Vibrators, All	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Wagon Drills	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Water Pipe Liner	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Welder, Electrical, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$43.36	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Well-point Person	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers	Wheelbarrow, Power Driven	\$42.81	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers - Underground Sewer & Water	General Laborer & Topman	\$42.54	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Laborers - Underground Sewer & Water	Pipe Layer	\$43.08	<u>7B</u>	<u>1M</u>	<u>8Z</u>	View
Franklin	Landscape Construction	Landscape Laborer	\$40.44	<u>7B</u>	<u>1M</u>	<u>9D</u>	View
Franklin	Landscape Construction	Landscape Operator	\$48.95	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Landscape Maintenance	Groundskeeper	\$15.09		<u>1</u>		View
Franklin	Lathers	Journey Level	\$49.27	<u>7E</u>	<u>4X</u>	<u>8N</u>	View
Franklin	Marble Setters	Journey Level	\$51.84	<u>5A</u>	<u>1M</u>		View
Franklin	Metal Fabrication (In Shop)	Fitter	\$13.50		<u>1</u>		View
Franklin	Metal Fabrication (In Shop)	Laborer	\$13.50		<u>1</u>		View
Franklin	Metal Fabrication (In Shop)	Machine Operator	\$13.50		<u>1</u>		View
Franklin	Metal Fabrication (In Shop)	Painter	\$13.50		<u>1</u>		View
Franklin	Metal Fabrication (In Shop)	Welder	\$13.50		<u>1</u>		View
Franklin	Millwright	Journey Level	\$66.83	<u>7E</u>	<u>4X</u>	<u>8N</u>	View

Franklin	Modular Buildings	Journey Level	\$13.50		<u>1</u>		View
Franklin	Painters	Commercial Painter	\$36.87	<u>6Z</u>	<u>1W</u>		View
Franklin	Painters	Industrial Painter	\$45.37	<u>6Z</u>	<u>1W</u>	<u>9D</u>	View
Franklin	Pile Driver	General Pile Driver	\$50.53	<u>7E</u>	<u>4X</u>	<u>8N</u>	View
Franklin	Pile Driver	Heavy Construction Pile Driver	\$55.73	<u>7E</u>	<u>4X</u>	<u>9E</u>	View
Franklin	Plasterers	Journey Level	\$46.51	<u>7K</u>	<u>1N</u>		View
Franklin	Playground & Park Equipment Installers	Journey Level	\$13.50		<u>1</u>		View
Franklin	Plumbers & Pipefitters	Journey Level	\$85.00	<u>6Z</u>	<u>1Q</u>		View
Franklin	Power Equipment Operators	A-frame Truck (2 Or More Drums)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	A-frame Truck (single Drum)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Asphalt Plant Operator	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Assistant Refrigeration Plant (under 1000 Ton)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Automatic Subgrader (ditches & Trimmers)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backfillers (cleveland & Similar)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoe & Hoe Ram (under 3/4 Yd.)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoe (45,000 Gw & Under)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoe (45,000 Gw To 110,000 Gw)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoe (over 110,000 Gw)	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoes & Hoe Ram (3 Yds & Over)	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Bagley Or Stationary Scraper	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Batch Plant (over 4 Units)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Belt Finishing Machine	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Belt Loader (kocal Or Similar)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Belt-crete Conveyors With Power Pack Or Similar	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Bending Machine	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Bit Grinders	\$47.86	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View

Franklin	Power Equipment Operators	Blade Operator (motor Patrol & Attachments)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Blower Operator (cement)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Boat Operator	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Bob Cat (skid Steer)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Bolt Threading Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Boom Cats (side)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Boring Machine (earth)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Bump Cutter (wayne, Saginaw Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Cableway Controller (dispatcher)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Cableway Operators	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Canal Lining Machine (concrete)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Carrydeck & Boom Truck (under 25 Tons)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Cement Hog	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Clamshell, Dragline	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Compactor (self-propelled With Blade)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Concrete Cleaning / Decontamination Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Concrete Pump Boon Truck	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Concrete Saw (multiple Cut)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Concrete Slip Form Paver	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Conveyor Aggregate Delivery Systems (c.a.d.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Cranes (100 to 299 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.26	7B	4W	9A	View
Franklin	Power Equipment Operators	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$49.11	7B	4W	9A	View

Franklin	Power Equipment Operators	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Cranes (300 Tons and Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Cranes (86 to 99 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Crusher Feeder	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Crusher, Grizzle & Screening Plant Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Curb Extruder (asphalt Or Concrete)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Deck Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Deck Hand	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Derricks & Stifflegs (65 Tons & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Derricks & Stifflegs (under 65 Tons)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Distributor Leverman	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Ditch Witch Or Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Dope Pots (power Agitated	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Dozer / Tractors (d-6 & Equivalent & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Dozer, 834 R/t & Similar	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Drill Doctor	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Driller Licensed	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Drillers Helper	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Drills (churn, Core, Calyx Or Diamond)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Belt (holland Type)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Elevator Hoisting Materials	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Equipment Serviceman, Greaser & Oiler	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Fireman & Heater Tender	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Fork Lift Or Lumber Stacker,	\$48.18	7B	4W	9A	View

		Hydra-life & Similar					
Franklin	Power Equipment Operators	Generator Plant Engineers (diesel Or Electric)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Gin Trucks (pipeline)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Grade Checker	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Gunite Combination Mixer & Compressor	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	H.d. Mechanic	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	H.d. Welder	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Heavy Equipment Robotics Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Helicopter Pilot	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Helper, Mechanic Or Welder, H.D	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoe Ram	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoist (2 Or More Drums Or Tower Hoist)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Hoist, Single Drum	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Hydro-seeder, Mulcher, Nozzleman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Lime Batch Tank Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Lime Brain Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (bucket Elevators And Conveyors)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Loaders (overhead And Front-end, 10 Yds. & Over)	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators	Locomotive Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Longitudinal Float	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Master Environmental Maintenance Technician	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Mixer (portable - Concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Mixermobile	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Mobile Crusher Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Mucking Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Multiple Dozer Units With Single Blade	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Pavement Breaker, Hydra-	\$48.18	7B	4W	9A	View

		hammer & Similar					
Franklin	Power Equipment Operators	Paving (dual Drum)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Paving Machine (asphalt And Concrete)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Piledriving Engineers	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Plant Oiler	\$47.86	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Posthole Auger Or Punch	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Power Broom	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Pump (grout Or Jet)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Pumpman	\$47.86	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Quad-track Or Similar Equipment	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Railroad Ballast Regulation Operator (self-propelled)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Railroad Power Tamper Operator (self-propelled)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Railroad Tamper Jack Operator (self-propelled)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Railroad Track Liner Operator (self-propelled)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Refrigeration Plant Engineer (1000 Tons & Over)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Refrigeration Plant Engineer (under 1000 Ton)	\$48.95	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Rollerman (finishing Asphalt Pavement)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$47.86	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Roto Mill (pavement Grinder)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Rotomill Groundsman	\$48.95	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Rubber-tired Skidders (r/t With Or Without Attachments)	\$48.95	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Scrapers, All, Rubber-tired	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Screed Operator	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Shovels (3 Yds. & Over)	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Shovels (under 3 Yds.)	\$49.39	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$49.11	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Soil Stabilizer (p & H Or Similar)	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Spray Curing Machine (concrete)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Spreader Box (self-propelled)	\$48.18	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Equipment Operators	Spreader Machine	\$48.79	<u>7B</u>	<u>4W</u>	<u>9A</u>	View

Franklin	Power Equipment Operators	Steam Cleaner	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Straddle Buggy (ross & Similar On Construction Job Only)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Surface Heater & Planer Machine	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Traverse Finish Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Trenching Machines (7 Ft. Depth & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Trenching Machines (under 7 Ft. Depth Capacity)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Tug Boat Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Tugger Operator	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators	Turnhead (with Re-screening)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Turnhead Operator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Vactor Guzzler, Super Sucker	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators	Vacuum Blasting Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators	Welding Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators	Whirleys & Hammerheads, All	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	A-frame Truck (2 Or More Drums)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	A-frame Truck (single Drum)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Asphalt Plant Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Assistant Refrigeration Plant (under 1000 Ton)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Automatic Subgrader (ditches & Trimmers)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backfillers (cleveland & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoe & Hoe Ram (under 3/4 Yd.)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoe (45,000 Gw & Under)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoe (45,000 Gw To 110,000 Gw)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoe (over 110,000 Gw)	\$49.66	7B	4W	9A	View

Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoes & Hoe Ram (3 Yds & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bagley Or Stationary Scraper	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Batch Plant (over 4 Units)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Belt Finishing Machine	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Belt Loader (kocal Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Belt-crete Conveyors With Power Pack Or Similar	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bending Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bit Grinders	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Blade Operator (motor Patrol & Attachments)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Blower Operator (cement)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Boat Operator	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bob Cat (skid Steer)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bolt Threading Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Boom Cats (side)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Boring Machine (earth)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Bump Cutter (wayne, Saginaw Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cableway Controller (dispatcher)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cableway Operators	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Canal Lining Machine (concrete)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-	Carrydeck & Boom Truck	\$49.11	7B	4W	9A	View

	Underground Sewer & Water	(under 25 Tons)					
Franklin	Power Equipment Operators-Underground Sewer & Water	Cement Hog	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Clamshell, Dragline	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Compactor (self-propelled With Blade)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Concrete Cleaning / Decontamination Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Concrete Pump Boon Truck	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Concrete Pumps (squeeze- crete, Flow-crete, Whitman & Similar)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Concrete Saw (multiple Cut)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Concrete Slip Form Paver	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Conveyor Aggregate Delivery Systems (c.a.d.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (100 to 299 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.26	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (300 Tons and Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$51.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Cranes (86 to 99 Tons) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Crusher Feeder	\$47.86	7B	4W	9A	View

Franklin	Power Equipment Operators-Underground Sewer & Water	Crusher, Grizzle & Screening Plant Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Curb Extruder (asphalt Or Concrete)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Deck Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Deck Hand	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Derricks & Stifflegs (65 Tons & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Derricks & Stifflegs (under 65 Tons)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Distributor Leverman	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Ditch Witch Or Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Dope Pots (power Agitated	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Dozer / Tractors (d-6 & Equivalent & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Dozer, 834 R/t & Similar	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Drill Doctor	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Driller Licensed	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Drillers Helper	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Drills (churn, Core, Calyx Or Diamond)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Elevating Belt (holland Type)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Elevator Hoisting Materials	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Equipment Serviceman, Greaser & Oiler	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Fireman & Heater Tender	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Generator Plant Engineers (diesel Or Electric)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-	Gin Trucks (pipeline)	\$48.18	7B	4W	9A	View

	Underground Sewer & Water						
Franklin	Power Equipment Operators-Underground Sewer & Water	Grade Checker	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Gunite Combination Mixer & Compressor	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	H.d. Mechanic	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	H.d. Welder	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Heavy Equipment Robotics Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Helicopter Pilot	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Helper, Mechanic Or Welder, H.D	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Hoe Ram	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Hoist (2 Or More Drums Or Tower Hoist)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Hoist, Single Drum	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Hydro-seeder, Mulcher, Nozzleman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Lime Batch Tank Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Lime Brain Operator (recycle Train)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loaders (bucket Elevators And Conveyors)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Loaders (overhead And Front-end, 10 Yds. & Over)	\$50.76	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Locomotive Engineer	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Longitudinal Float	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Master Environmental Maintenance Technician	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Mixer (portable - Concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Mixermobile	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Mobile Crusher Operator	\$49.39	7B	4W	9A	View

	Underground Sewer & Water	(recycle Train)					
Franklin	Power Equipment Operators-Underground Sewer & Water	Mucking Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Multiple Dozer Units With Single Blade	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Pavement Breaker, Hydra-hammer & Similar	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Paving (dual Drum)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Paving Machine (asphalt And Concrete)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Piledriving Engineers	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Plant Oiler	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Posthole Auger Or Punch	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Power Broom	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Pump (grout Or Jet)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Pumpman	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Quad-track Or Similar Equipment	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Railroad Ballast Regulation Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Railroad Power Tamper Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Railroad Tamper Jack Operator (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Railroad Track Liner Operator (self-propelled)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Refrigeration Plant Engineer (1000 Tons & Over)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Refrigeration Plant Engineer (under 1000 Ton)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Rollerman (finishing Asphalt Pavement)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Roto Mill (pavement Grinder)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Rotomill Groundsman	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-	Rubber-tired Skidders (r/t	\$48.95	7B	4W	9A	View

	Underground Sewer & Water	With Or Without Attachments)					
Franklin	Power Equipment Operators-Underground Sewer & Water	Scrapers, All, Rubber-tired	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Screed Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Shovels (3 Yds. & Over)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Shovels (under 3 Yds.)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$49.11	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Soil Stabilizer (p & H Or Similar)	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Spray Curing Machine (concrete)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Spreader Box (self-propelled)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Spreader Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Steam Cleaner	\$47.86	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Straddle Buggy (ross & Similar On Construction Job Only)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Surface Heater & Planer Machine	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Traverse Finish Machine	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Trenching Machines (7 Ft. Depth & Over)	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Trenching Machines (under 7 Ft. Depth Capacity)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Tug Boat Operator	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Tugger Operator	\$48.18	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Turnhead (with Re-screening)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Turnhead Operator	\$48.79	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Vactor Guzzler, Super Sucker	\$49.39	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Vacuum Blasting Machine Operator	\$49.66	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$48.95	7B	4W	9A	View
Franklin	Power Equipment Operators-Underground Sewer & Water	Welding Machine	\$47.86	7B	4W	9A	View

Franklin	Power Equipment Operators-Underground Sewer & Water	Whirleys & Hammerheads, All	\$49.66	<u>7B</u>	<u>4W</u>	<u>9A</u>	View
Franklin	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$53.10	<u>5A</u>	<u>4A</u>		View
Franklin	Power Line Clearance Tree Trimmers	Spray Person	\$50.40	<u>5A</u>	<u>4A</u>		View
Franklin	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$53.10	<u>5A</u>	<u>4A</u>		View
Franklin	Power Line Clearance Tree Trimmers	Tree Trimmer	\$47.48	<u>5A</u>	<u>4A</u>		View
Franklin	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$36.10	<u>5A</u>	<u>4A</u>		View
Franklin	Refrigeration & Air Conditioning Mechanics	Journey Level	\$85.00	<u>6Z</u>	<u>1Q</u>		View
Franklin	Residential Brick Mason	Journey Level	\$28.42		<u>1</u>		View
Franklin	Residential Carpenters	Journey Level	\$21.60		<u>1</u>		View
Franklin	Residential Cement Masons	Journey Level	\$46.83	<u>7B</u>	<u>1N</u>		View
Franklin	Residential Drywall Applicators	Journey Level	\$20.46		<u>1</u>		View
Franklin	Residential Drywall Tapers	Journey Level	\$19.32		<u>1</u>		View
Franklin	Residential Electricians	Journey Level	\$22.73		<u>1</u>		View
Franklin	Residential Glaziers	Journey Level	\$23.10		<u>1</u>		View
Franklin	Residential Insulation Applicators	Journey Level	\$14.86		<u>1</u>		View
Franklin	Residential Laborers	Journey Level	\$13.64		<u>1</u>		View
Franklin	Residential Marble Setters	Journey Level	\$28.42		<u>1</u>		View
Franklin	Residential Painters	Journey Level	\$13.50		<u>1</u>		View
Franklin	Residential Plumbers & Pipefitters	Journey Level	\$29.71		<u>1</u>		View
Franklin	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$13.50		<u>1</u>		View
Franklin	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$47.89	<u>5A</u>	<u>1X</u>		View
Franklin	Residential Soft Floor Layers	Journey Level	\$23.11	<u>5A</u>	<u>1N</u>		View
Franklin	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$13.50		<u>1</u>		View
Franklin	Residential Stone Masons	Journey Level	\$28.42		<u>1</u>		View
Franklin	Residential Terrazzo Workers	Journey Level	\$14.86		<u>1</u>		View
Franklin	Residential Terrazzo/Tile Finishers	Journey Level	\$14.86		<u>1</u>		View
Franklin	Residential Tile Setters	Journey Level	\$19.23		<u>1</u>		View
Franklin	Roofers	Irritable Bituminous Roofer	\$44.91	<u>7G</u>	<u>4I</u>		View
Franklin	Roofers	Journeyman Roofer, Waterproofing, Kettleman	\$41.91	<u>7G</u>	<u>4I</u>		View
Franklin	Sheet Metal Workers	Journey Level (Field or Shop)	\$66.06	<u>5A</u>	<u>1X</u>		View
Franklin	Sign Makers & Installers (Electrical)	Journey Level	\$14.65		<u>1</u>		View
Franklin	Sign Makers & Installers (Non-Electrical)	Journey Level	\$14.65		<u>1</u>		View
Franklin	Soft Floor Layers	Journey Level	\$51.07	<u>5A</u>	<u>3J</u>		View
Franklin	Solar Controls For Windows	Journey Level	\$13.50		<u>1</u>		View
Franklin	Sprinkler Fitters (Fire	Journey Level	\$60.34	<u>7J</u>	<u>1R</u>		View

	Protection)						
Franklin	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.50		1		View
Franklin	Stone Masons	Journey Level	\$51.84	5A	1M		View
Franklin	Street And Parking Lot Sweeper Workers	Journey Level	\$14.00		1		View
Franklin	Surveyors	All Classifications	\$23.49	0	1		View
Franklin	Telecommunication Technicians	Journey Level	\$44.21	5I	1B		View
Franklin	Telephone Line Construction - Outside	Cable Splicer	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$23.53	5A	2B		View
Franklin	Telephone Line Construction - Outside	Installer (Repairer)	\$40.09	5A	2B		View
Franklin	Telephone Line Construction - Outside	Special Aparatus Installer I	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Special Apparatus Installer II	\$40.99	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$41.81	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$38.92	5A	2B		View
Franklin	Telephone Line Construction - Outside	Telephone Lineperson	\$38.92	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Groundperson	\$22.32	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Lineperson/Installer	\$29.60	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television System Technician	\$35.20	5A	2B		View
Franklin	Telephone Line Construction - Outside	Television Technician	\$31.67	5A	2B		View
Franklin	Telephone Line Construction - Outside	Tree Trimmer	\$38.92	5A	2B		View
Franklin	Terrazzo Workers	Journey Level	\$43.61	5A	1M		View
Franklin	Tile Setters	Journey Level	\$43.61	5A	1M		View
Franklin	Tile, Marble & Terrazzo Finishers	Journey Level	\$35.73	5A	1M		View
Franklin	Traffic Control Strippers	Journey Level	\$49.13	7A	1K		View
Franklin	Truck Drivers	Asphalt Mix Over 20 Yards	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers	Asphalt Mix To 20 Yards	\$49.50	5D	1V	8M	View
Franklin	Truck Drivers	Dump Truck	\$49.50	5D	1V	8M	View
Franklin	Truck Drivers	Dump Truck & Trailer	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers	Other Trucks	\$49.39	5D	1V	8M	View
Franklin	Truck Drivers - Ready Mix	Transit Mixers 20 yards and under	\$49.70	5D	1V	8M	View
Franklin	Truck Drivers - Ready Mix	Transit Mixers over 20 yards	\$50.04	5D	1V	8M	View
Franklin	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.45		1		View
Franklin	Well Drillers & Irrigation Pump Installers	Oiler	\$13.50		1		View

Franklin	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		<u>1</u>	View
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Benefit Code Key – Effective 9/2/2020 thru 3/2/2021

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.
- S. 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 hours worked on holidays and 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.
- 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.
 - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two 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.
 - G. 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 hours worked on Sunday shall be paid at two 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.
 - 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.
 - W. 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 first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on 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.
- A. 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. Hours worked over twelve hours (12) in a single shift and 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. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. 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.
 - C. 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 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 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.

Overtime Codes Continued

3.
 - E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
 - 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.
 - B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
 - C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

Overtime Codes Continued

4. 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.

- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on 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.

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

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

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

- 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.

Overtime Codes Continued

4. 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.
- M. All hours worked on Sunday and Holidays shall be paid at double the hourly rate. Any employee reporting to work less than nine (9) hours from their previous quitting time shall be paid for such time at time and one-half times the hourly rate.
- N. 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, and all work performed between the hours of midnight (12:00 AM) and eight AM (8:00 AM) every day shall be paid at double the hourly rate of wage.
- O. All hours worked between midnight Friday to midnight Sunday shall be paid at one and one-half the hourly rate of wage. After an employee has worked in excess of eight (8) continuous hours in any one or more calendar days, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of six (6) hours or more. All hours worked on Holidays shall be paid at double the hourly rate of wage.
- P. All hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage.
- Q. The first four (4) 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 hours worked over twelve (12) hours Monday through Saturday shall be paid at double the hourly rate. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Saturdays 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 on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. 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.
- T. The first two (2) hours of overtime for hours worked Monday-Friday 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 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. For work on Saturday which is scheduled prior to the end of shift on Friday, the first six (6) hours work shall be paid at one and one-half times the hourly rate of wage, and all hours over (6) shall be paid double the hourly rate of wage. For work on Saturday which was assigned following the close of shift on Friday, all work shall be paid at double the hourly rate of wage.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. 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.

- X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

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

Overtime Codes Continued

4. 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.

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

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).

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Holiday Codes Continued

5. 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).
- T. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- E. Paid 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 a Half-Day On Christmas Eve Day. (9 1/2).
- 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).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- 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.

Holiday Codes Continued

7. B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Holiday Codes Continued

7. M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). 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.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- 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.
- T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Benefit Code Key – Effective 9/2/2020 thru 3/2/2021

Holiday Codes Continued

7. Z. Holidays: New Year's Day, President's Day, Independence Day, Memorial 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.
15. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the 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.
- B. Holidays: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. (9)
- C. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8)
- D. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and the day after Christmas.
- E. Holidays: the day before New Years's Day, New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day. (12)

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.
- P. 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.
- Q. 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.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Note Codes Continued

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

Note Codes Continued

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

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

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

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

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

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

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

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

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

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

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

Note Codes Continued

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

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

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

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

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

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

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

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

ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		X
9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	X	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
11. Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	X	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		X
22. Vault Risers - For use with Valve Vaults and Utilities X Vaults.		X
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
33. Monument Case and Cover See Std. Plan.		X

ITEM DESCRIPTION	YES	NO
34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	X	
36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.	X	
40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	X	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. NOTE: *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	X	X
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		X
44. Guardrail components	X	X
	Custom End Sec	Standard Sec
45. Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46. Asphalt	Covered by WAC 296-127-018	
47. Fiber fabrics		X
48. Electrical wiring/components		X
49. treated or untreated timber pile		X
50. Girder pads (elastomeric bearing)	X	
51. Standard Dimension lumber		X
52. Irrigation components		X

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

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW [39.12.010](#)

(The definition of "locality" in RCW [39.12.010](#)(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

**Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)**

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

Miscellaneous

Required Contract ProvisionsFHWA-1273

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273 -- Revised May 1, 2012

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

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

I. GENERAL

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

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

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

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

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

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

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

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

II. NONDISCRIMINATION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Training and Promotion:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

III. NONSEGREGATED FACILITIES

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

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

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

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

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

1. Minimum wages

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

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

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

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

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

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

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

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

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

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

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

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

2. Withholding

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

3. Payrolls and basic records

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

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

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

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

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

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

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

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

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

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

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

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

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

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

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

b. Trainees (programs of the USDOL).

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

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

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

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

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

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

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

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

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

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

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

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

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

10. Certification of eligibility.

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

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

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

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

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

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

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

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

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

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

VI. SUBLETTING OR ASSIGNING THE CONTRACT

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

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

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

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

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

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

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

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

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

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

VII. SAFETY: ACCIDENT PREVENTION

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

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

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

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

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

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

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

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

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

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

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

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

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

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

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

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

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

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

1. Instructions for Certification – First Tier Participants:

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

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

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

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

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or

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

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

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

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

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

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

* * * * *

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

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

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

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

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

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

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

2. Instructions for Certification - Lower Tier Participants:

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

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

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

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

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

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

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

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment. Suspension. Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction." without modification. in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25.000 threshold.

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

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

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

* * * * *

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

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

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

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

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

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

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

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

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

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

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

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

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

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

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

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

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

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

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

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

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

**AMENDMENT
REQUIRED CONTRACT PROVISIONS
(Exclusive of Appalachian Contracts)**

FEDERAL-AID CONSTRUCTION CONTRACTS

The Federal–Aid provisions are supplemented with the following:

XII. Cargo Preference Act

1. U.S. Department of Transportation Federal Highway Administration memorandum dated December 11, 2015 requires that all federal-aid highway programs awarded after February 15, 2016 must comply with the Cargo Preference Act and its regulation of 46 CFR 381.7 (a)-(b).

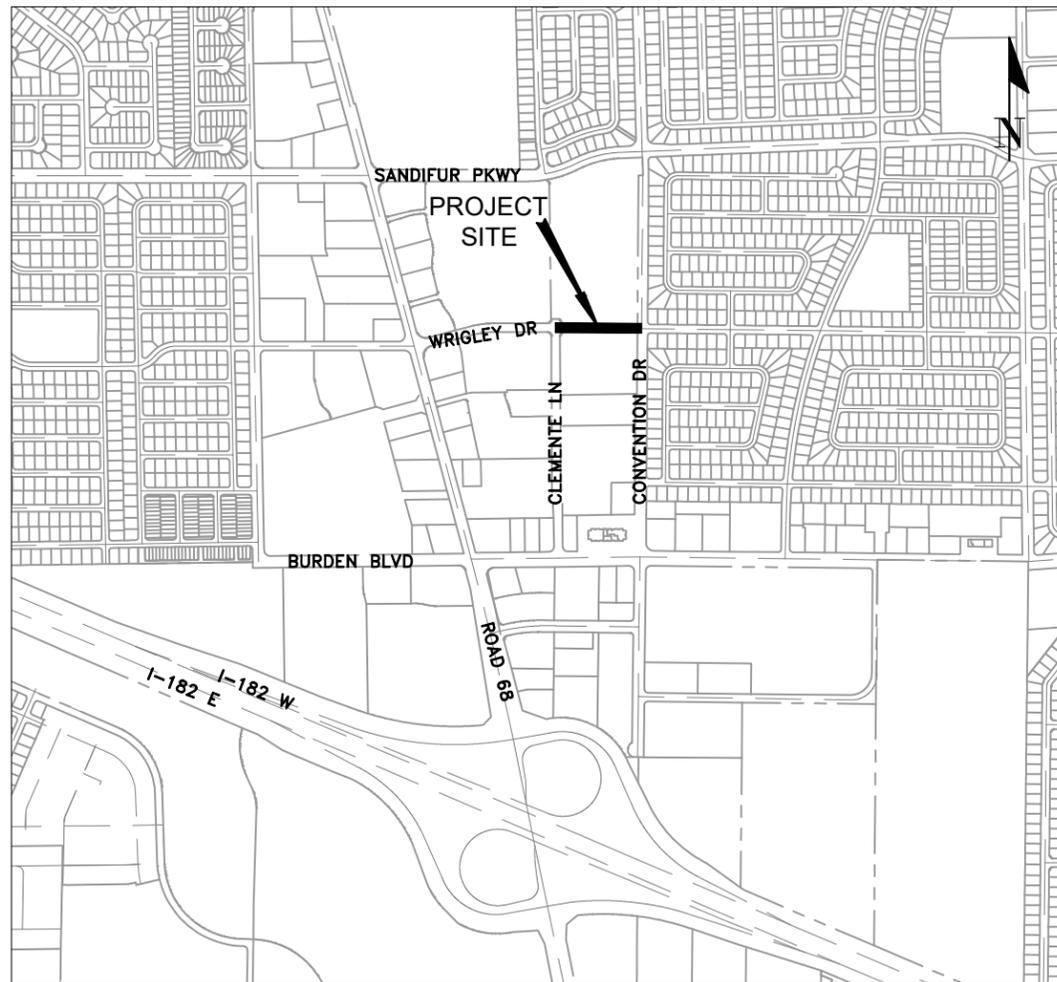
Construction Drawings



WRIGLEY DRIVE EXTENSION

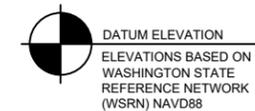
Located in the City of Pasco, Franklin County, Washington, within Section 9, and Township 9 North, Range 29 East, Willamette Meridian between Clemente Lane & Convention Drive.

FEDERAL AID NO. STPUL-3552(001)



VICINITY MAP
NOT TO SCALE

SEPTEMBER 2020



Contacts

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CHARTER COMMUNICATIONS	ANTONIO CAMPOS	(509) 572-0537

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4 OF 12	DRAINAGE STRUCTURE AND NOTES
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CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

COVER SHEET
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE: NTS
VER SCALE: NTS

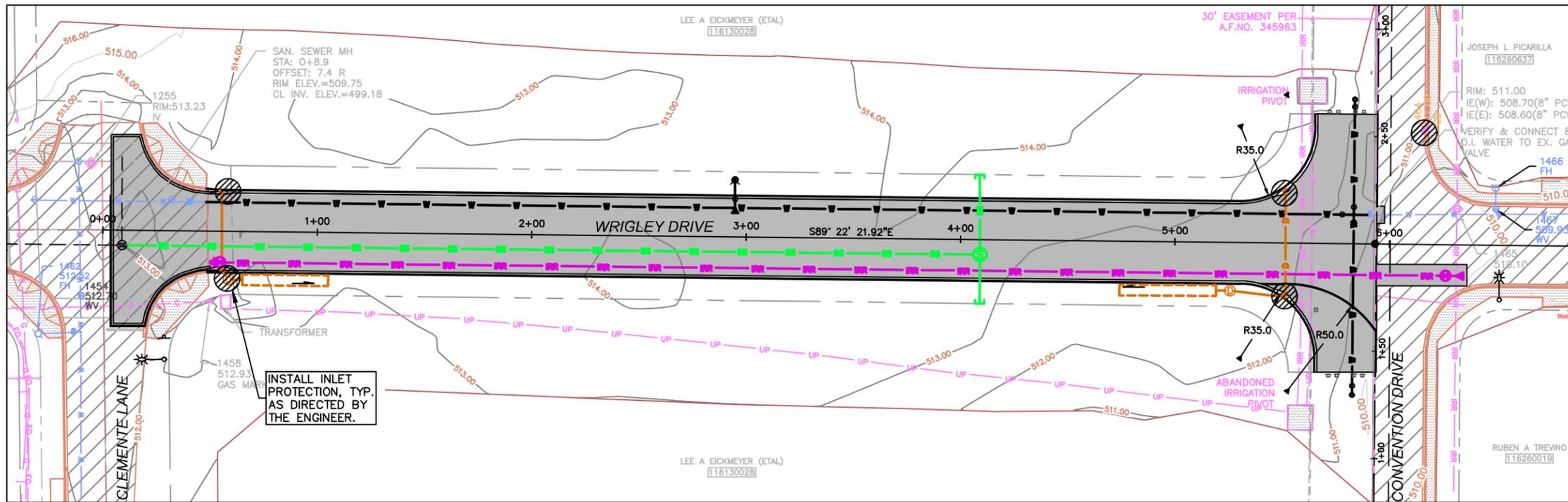
SHEET
1
OF
12



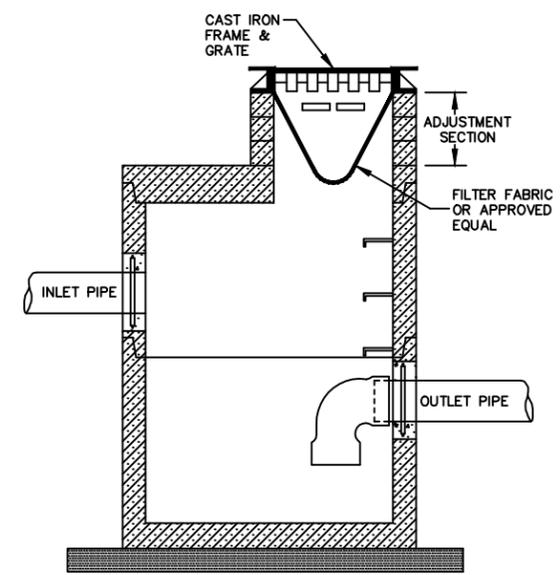
Approved By: *Maria Serra* 09/28/2020
Date
Maria Serra, PE, CIP Manager



Know what's below.
Call before you dig.



INSTALL INLET PROTECTION, TYP. AS DIRECTED BY THE ENGINEER.



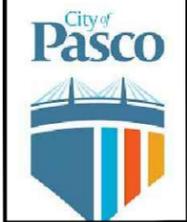
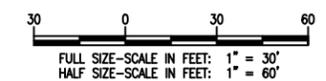
DETAIL NOTES:

1. PROVIDE STORM DRAIN INLET PROTECTION ON ALL NEW AND EXISTING CATCH BASINS.
2. ALL STRUCTURES AND PIPES SHALL BE THOROUGHLY FLUSHED BEFORE FINAL ACCEPTANCE.
3. ABSOLUTELY NO SEDIMENT LADEN WATER IS ALLOWED TO ENTER ANY SUBSURFACE INFILTRATION TRENCH SYSTEM.

**STORM DRAIN INLET PROTECTION
BMP C220**
NOT TO SCALE

TESC NOTES:

1. THE CONTRACTOR SHALL USE ALL REASONABLE MEASURES TO MINIMIZE THE IMPACTS OF CONSTRUCTION ACTIVITY ON WATERS OF THE STATE. WATER QUALITY CONSTITUENTS OF PARTICULAR CONCERN ARE TURBIDITY, SUSPENDED SEDIMENTS, SETTLEABLE SOLIDS, OIL AND GREASE, AND pH.
2. THE CONTRACTOR SHALL USE PROPER EROSION AND SEDIMENT CONTROL PRACTICES ON THE CONSTRUCTION SITE AND ADJACENT CONSTRUCTION STAGING AREAS TO PREVENT EROSION IN AND DOWNHILL OF DISTURBED AREAS, AND TO PREVENT DISCHARGE OF UPLAND SEDIMENTS OR SEDIMENT-LADEN WATER INTO LOCAL DRAINAGE SYSTEMS.
3. THE MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM THAT ARE REQUIRED FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES AS REQUIRED DUE TO CONSTRUCTION PROCEDURES USED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL NOT DISCHARGE TURBID WATER GENERATED FROM CONSTRUCTION ACTIVITIES DIRECTLY TO ANY STORM WATER SYSTEM INLETS OR DRAINAGE DITCHES BEFORE THE SOLIDS HAVE SETTLED OUT OF THE WATER.
5. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING VEGETATION BEYOND THE CLEARING LIMITS.
6. DUST CONTROL SHALL BE PROVIDED BY THE CONTRACTOR BY APPLYING WATER AS REQUIRED.
7. SEDIMENT BARRIERS SHALL BE PLACED IMMEDIATELY DOWNSLOPE OF ALL STOCKPILES.
8. THE CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES ON ALL UNSURFACED CONSTRUCTION ROADS WHERE THE CONSTRUCTION ROAD EXITS ONTO PAVED ROADS.
9. THE TESC FACILITIES SHOWN ON THIS PLAN AND ANY CHANGES REQUIRED BY THE CONTRACTOR'S OPERATIONS, MUST BE CONSTRUCTED PRIOR TO BEGINNING CLEARING AND GRADING OPERATIONS.
10. THE TESC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN OBTAINED. INSTALLED EROSION AND SEDIMENT CONTROL MEASURES SHALL ONLY BE REMOVED WITH THE APPROVAL OF THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE DAILY INSPECTION AND MAINTENANCE OF ALL TESC MEASURES. TESC MEASURES SHALL BE IN WORKING CONDITION AT ALL TIMES. THE CONTRACTOR SHALL IMMEDIATELY REPAIR, REPLACE, AND INSTALL ADDITIONAL MEASURES SO THAT THEY ARE EFFECTIVE.
12. AFTER ANY 24-HOUR RAINFALL GREATER THAN 0.5 INCHES, THE CONTRACTOR SHALL INSPECT TESC MEASURES FOR INTEGRITY. ANY DAMAGED TESC MEASURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND REPAIRED IMMEDIATELY.
13. IF NECESSARY THE CONTRACTOR SHALL SET ASIDE A SEPARATE AREA, WHICH DOES NOT HAVE ANY POSSIBILITY OF DRAINING TO SURFACE WATERS, FOR THE WASH-OUT OF CONSTRUCTION EQUIPMENT AND TOOLS.
14. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT ANY PETROLEUM PRODUCTS, CHEMICALS, OR OTHER TOXIC OR DELETERIOUS MATERIALS FROM ENTERING GROUNDWATER OR STORM DRAIN SYSTEMS.
15. THE ENGINEER HAS THE AUTHORITY TO HALT CONSTRUCTION IF EROSION CONTROLS ARE NOT MAINTAINED PROPERLY OR IF A VIOLATION HAS NOT BEEN CORRECTED. THE CONTRACTOR SHALL BEAR ALL RISK AND ALL COSTS OF ANY WORK DELAYS CAUSED BY THESE ACTIONS.



CITY OF PASCO
PUBLIC WORKS - CIVIL ENGINEERING
(509) 545-3444

WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON
DRAINAGE STRUCTURE AND NOTES
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE: 1"=30'
VER SCALE:
SHEET

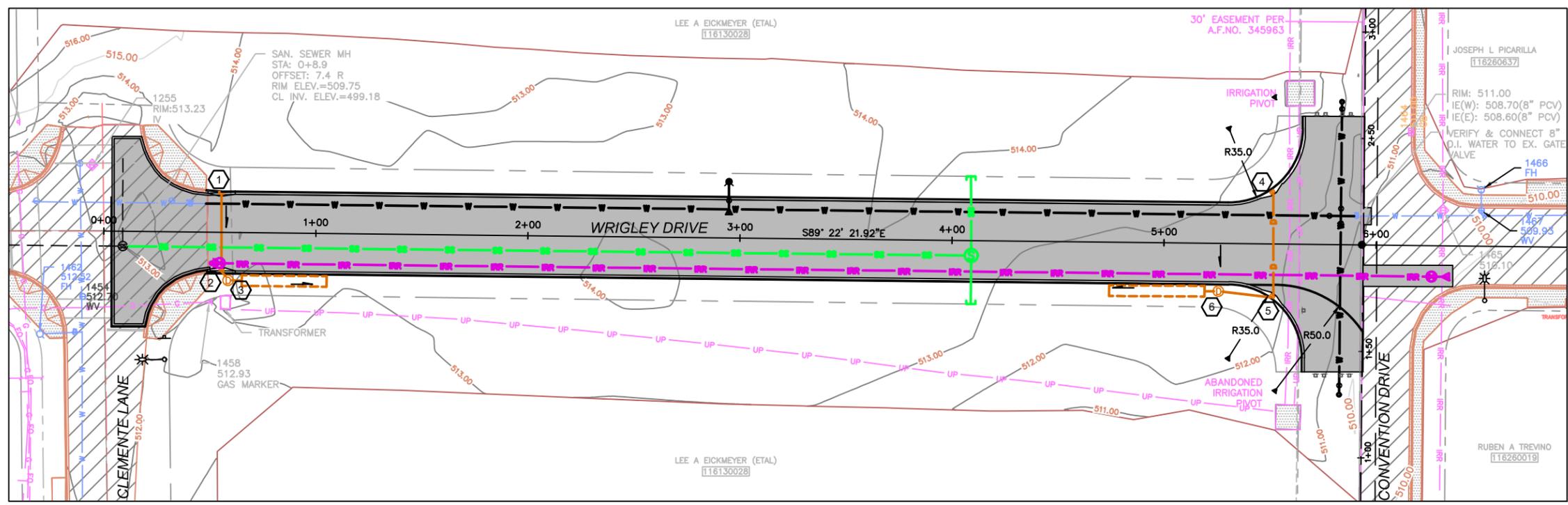
3
12
OF

DRAINAGE STRUCTURE NOTES

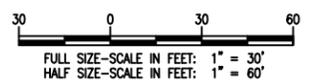
No.	STATION/OFFSET	TYPE	RIM ELEV	IE IN	IE OUT
①	WRIGLEY DRIVE, STA. 0+56, 19' LT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 35 L.F. 8-INCH DUCTILE IRON STORM DRAIN PIPE	513.08	---	511.00
②	WRIGLEY DRIVE, STA. 0+56, 19' RT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 6 L.F. 12-INCH STORM DRAIN PIPE	513.08	509.80	509.70
③	WRIGLEY DRIVE, STA. 0+58, 22.5' RT	INSTALL NEW CATCH BASIN TYPE 2 48 IN. DIAM. WITH LID AND 40 L.F. OF INFILTRATION TRENCH.	513.65	509.60	509.50
④	WRIGLEY DRIVE, STA. 5+51, 25' LT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 49 L.F. 8-INCH DUCTILE IRON STORM DRAIN PIPE	510.29	---	508.29
⑤	WRIGLEY DRIVE, STA. 5+51, 25' RT	INSTALL NEW CATCH BASIN TYPE 1 WITH CAST IRON VANED GRATE AND 26 L.F. 12-INCH STORM DRAIN PIPE	510.29	508.00	507.90
⑥	WRIGLEY DRIVE, STA. 5+26, 22.5' RT	INSTALL NEW CATCH BASIN TYPE 2 48 IN. DIAM. WITH LID AND 45 L.F. OF INFILTRATION TRENCH	511.22	507.70	507.60

NOTES

- FOR CB TYPE 1, STD DETAIL SD-1.
- FOR CB TYPE 2, STD DETAIL SD-2.
- INSTALL INLET PROTECTION SOCKS ON ALL CATCH BASINS. INLET PROTECTION TO REMAIN AFTER PROJECT COMPLETION.
- A FULL LENGTH PIECE OF DUCTILE IRON PIPE SHALL BE CENTERED ON THE POINT OF CROSSING THE WATER LINE.
- PROVIDE ALL NECESSARY FITTINGS NECESSARY TO CONNECT BETWEEN STRUCTURES.



Know what's below.
Call before you dig.





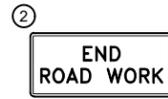
GENERAL NOTES



W20-1
(48" x 48")



W21-1701
(48" x 48")



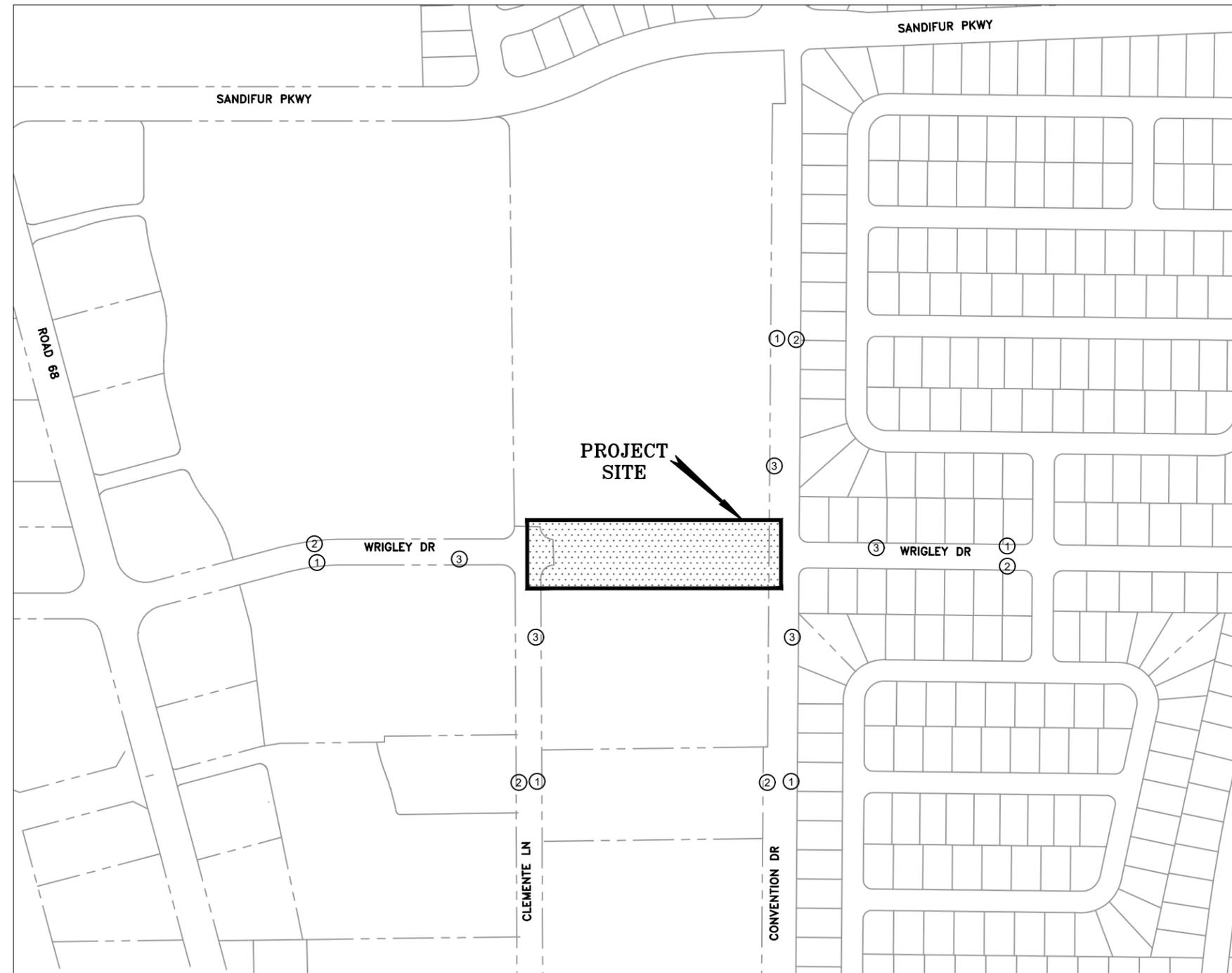
G20-2A (48" x 24")

SIGNS ① AND ② SHALL TYPICALLY BE PLACED 500'± FROM BEGINNING AND END OF CONSTRUCTION. SIGN ③ SHALL TYPICALLY BE INSTALLED 200'± FROM THE START OF CONSTRUCTION.

THE CONSTRUCTION SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, TO THE CITY OF PASCO FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

THE CONTRACTOR'S TCS IS RESPONSIBLE FOR FINAL PLACEMENT OF SIGNS.

ALL RECONSTRUCTED RAMPS SHALL BE BARRICADED TO PROTECT PEDESTRIANS AND TRAFFIC.



CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	APP.	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

CLASS 'A' SIGNING PLAN
FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FFR
CHECKED BY: TBD
HOR SCALE:
VER SCALE:

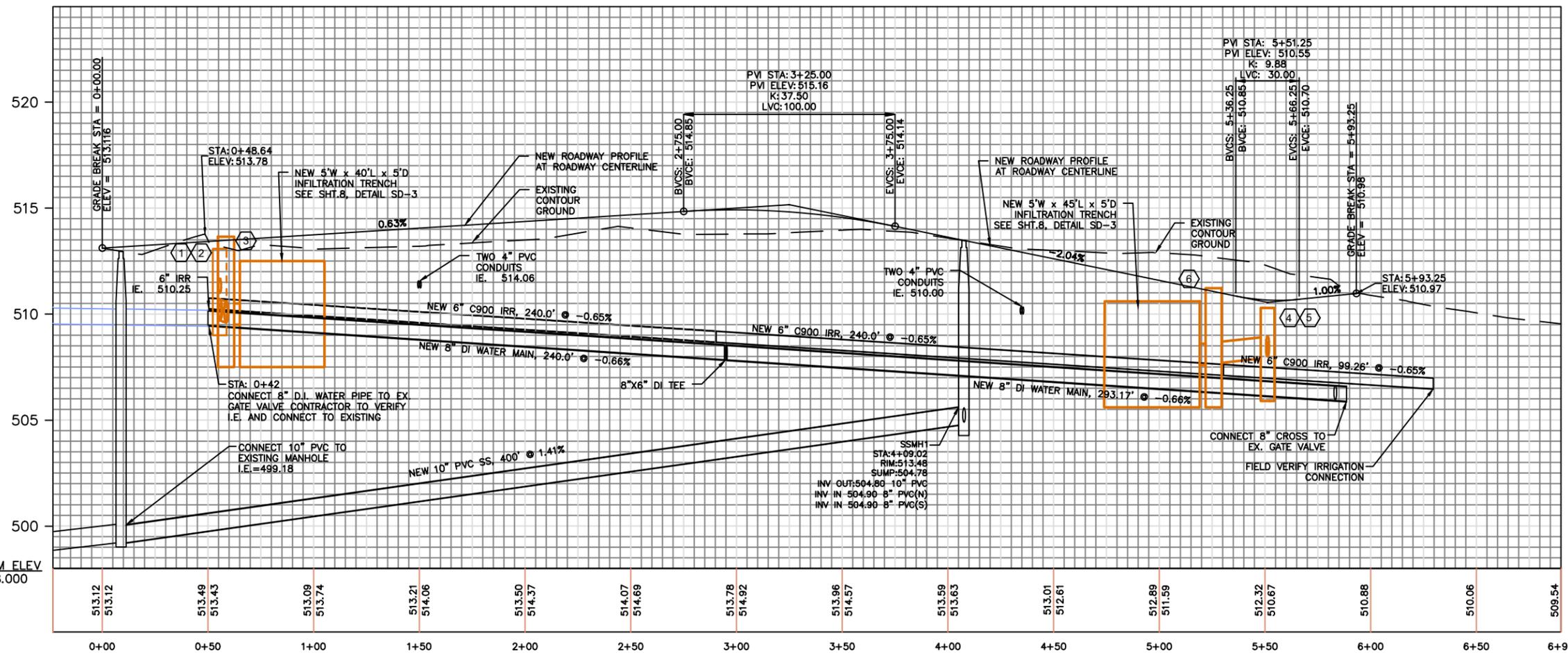
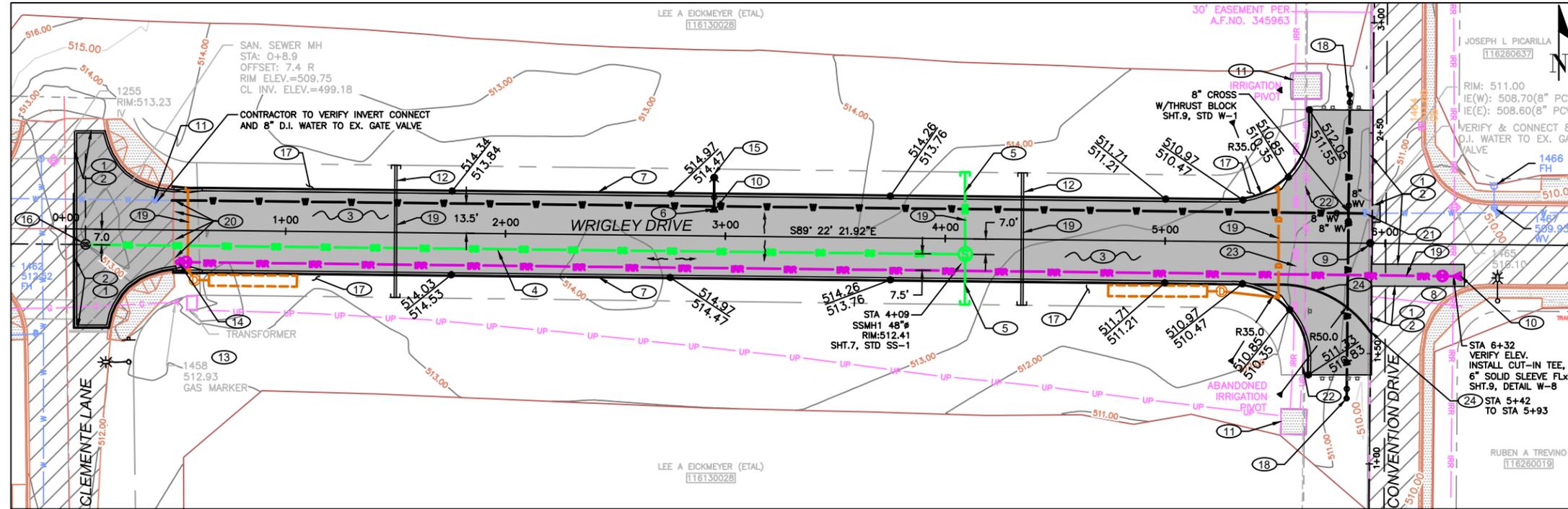


Know what's below.
Call before you dig.

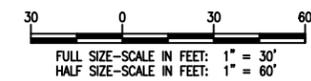
SHEET
5
OF
12

SHEET NOTES

- 1 SAW CUT TO LIMITS SHOWN.
- 2 MATCH EXISTING ASPHALT.
- 3 INSTALL NEW ROAD PER TYPICAL ROADWAY SECTION.
- 4 CONSTRUCT NEW SANITARY SEWER PIPE, 10 INCH
- 5 CONSTRUCT NEW SANITARY SEWER PIPE, 8 INCH CAP FOR FUTURE
- 6 INSTALL NEW 8"x6" FLxM TEE TO 6" GATE VALVE MJxFL
- 7 INSTALL TYPE 'A' CURB AND GUTTER PER CITY STANDARD, DETAIL ST-6
- 8 INSTALL 6" RESILIENT GATE VALVE- FLxMJ
- 9 BRASS CAP FOUND IN CASE STA 5+93.25. PROTECT IN PLACE OR REPLACE DURING CONSTRUCTION.
- 10 INSTALL THRUST BLOCK PER DETAIL W-8.
- 11 PROTECT EXISTING IRRIGATION TO REMAIN.
- 12 INSTALL TWO 4" PVC CONDUITS FOR FUTURE USE (STA 1+50 AND 4+35). MARK WITH DETECTABLE WARNING TAPE.
- 13 INSTALL CAP FOR FUTURE USE.
- 14 INSTALL NEW BLOW-OFF ASSEMBLY PER CITY PASCO STANDARDS.
- 15 INSTALL NEW FIRE HYDRANT PER CITY PASCO STANDARDS.
- 16 ADJUST MANHOLE TO FINISH GRADE.
- 17 GRADE BEHIND CURB AT 3:1 SLOPE PER TYPICAL STREET SECTION.
- 18 INSTALL NEW BLOW-OFF ASSEMBLY PER CITY OF PASCO STANDARDS. WATER LINE TO BE EXTENDED IN THE FUTURE. INSTALL FULL SIZE VALVES.
- 19 INSTALL SELECT BACKFILL MAX 2' DEEP BELOW PAVEMENT SECTION WITHIN NEW ROADWAY SECTION. INSTALL AT LOCATIONS WHERE UTILIZES TRANSVERSELY CROSS ROADWAY.
- 20 REMOVE AND RELOCATE FOUR EXISTING TYPE 3 BARRICADES AS SHOWN ON SIGNING AND STRIPING PLAN.
- 21 ADJUST VALVE BOX TO FINISHED GRADE.
- 22 PROTECT EXISTING DIRECT BURY UNDERGROUND POWER CONDUCTOR TO REMAIN. DEPTH UNKNOWN. IF ENCOUNTERED, LOWER TO MEET NEC REQUIREMENTS.
- 23 ABANDON IRRIGATION LINE.
- 24 INSTALL TYPE 6 EXTRUDED CURB PER WSDOT STANDARD PLAN F-10.42-00. PROVIDE 1' GAP AT LOW POINT OF ROADWAY FOR DRAINAGE.



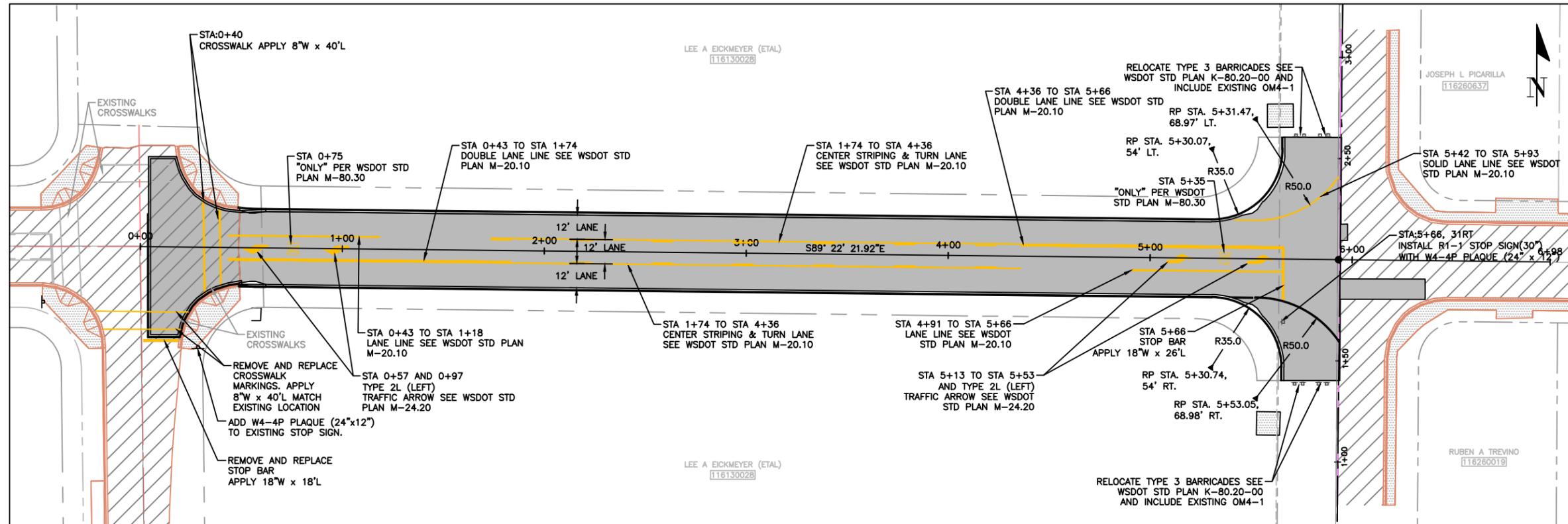
Know what's below.
Call before you dig.



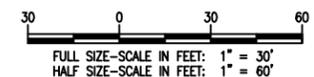


NOTES

- CROSS WALKS SHALL BE INSTALLED PER CURRENT WSDOT STD PLAN M-15.10
- LONGITUDINAL PARKING PATTERNS SHALL BE INSTALLED PER CURRENT WSDOT STD PLAN M-20.10
- SIGNS SHALL BE INSTALLED AND LOCATED IN ACCORDANCE WITH MUTCD GUIDELINES AND REQUIREMENTS, AND WSDOT REQUIREMENTS.
- PAVEMENT MARKING ARROWS AND LETTERS TO BE PER WSDOT STANDARD PLAN M-80.10 LOW SPEED APPLICATION.
- SIGN SUPPORT POSTS TO BE ST-2 PER WSDOT STANDARD PLAN G-24.50.
- ALL PAVEMENT MARKINGS SHALL BE TYPE A, LIQUID HOT APPLIED THERMOPLASTIC, UNLESS OTHERWISE APPROVED OR NOTED. ARROWS AND LETTERS MAY BE TYPE B, PRE-FORMED FUSED THERMOPLASTIC.



Know what's below.
Call before you dig.



CITY OF PASCO
PUBLIC WORKS - CIVIL ENGINEERING
(509) 545-3444

WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

SIGNING AND STRIPING PLAN
FEDERAL AID NO. STPUL-3552(001)

CAD DWG:	CONSTRUCTION
PARCEL #:	116130028
DATE:	9-28-2020
DRAWN BY:	BFP
DESIGN BY:	FPR
CHECKED BY:	TBD
HOR SCALE:	1"=30'
VER SCALE:	

SHEET	7
OF	12



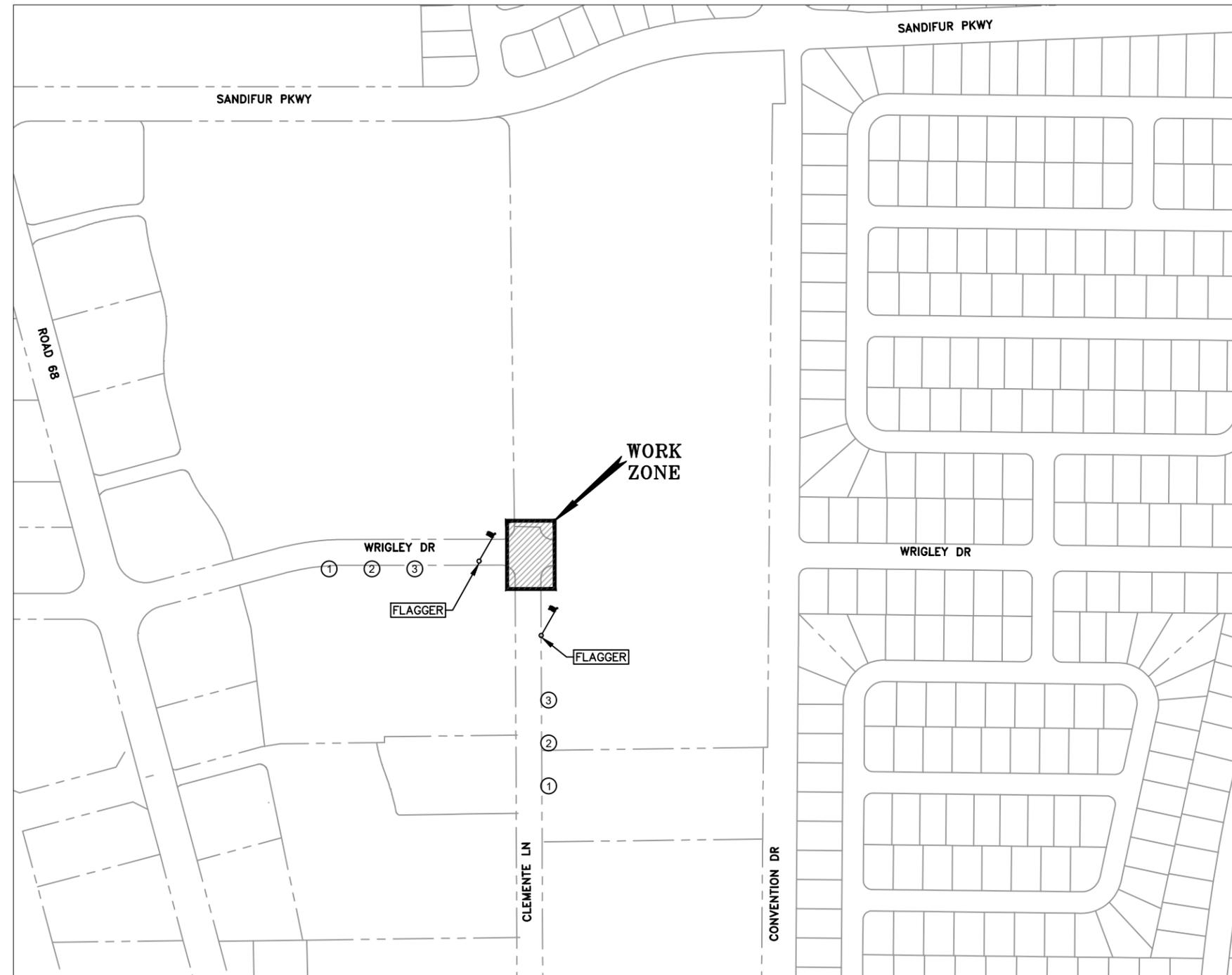
GENERAL NOTES



SIGNS ①, ② AND ③ SIGN SPACING TO BE 100'±.
SIGN ③ SHALL TYPICALLY BE INSTALLED 100'± FROM THE START OF CONSTRUCTION.

THE CONSTRUCTION SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, TO THE CITY OF PASCO FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

THE CONTRACTOR'S TCS IS RESPONSIBLE FOR FINAL PLACEMENT OF SIGNS.



CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	APPR.	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

TRAFFIC CONTROL PLAN

FEDERAL AID NO. STPUL-3552(001)

CAD DWG: CONSTRUCTION
PARCEL #: 116130028
DATE: 9-28-2020
DRAWN BY: BFP
DESIGN BY: FPR
CHECKED BY: TBD
HOR SCALE:
VER SCALE:

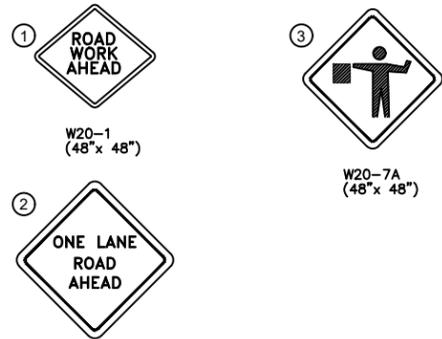


Know what's below.
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OF
12



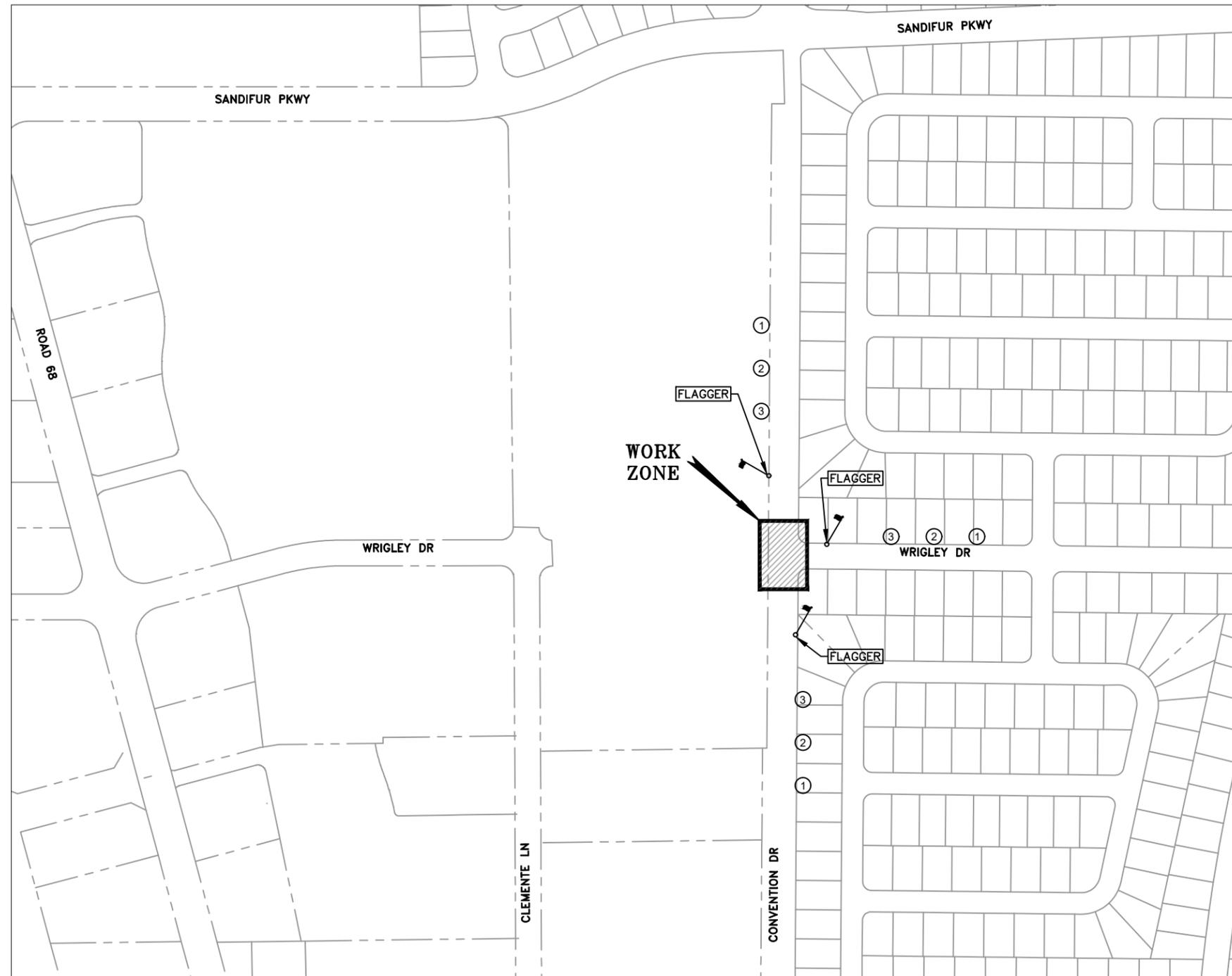
GENERAL NOTES



SIGNS ①, ② AND ③ SIGN SPACING TO BE 100'±.
SIGN ③ SHALL TYPICALLY BE INSTALLED 100'± FROM THE START OF CONSTRUCTION.

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CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	APPR.	DATE

WRIGLEY DRIVE EXTENSION
PASCO WASHINGTON

TRAFFIC CONTROL PLAN

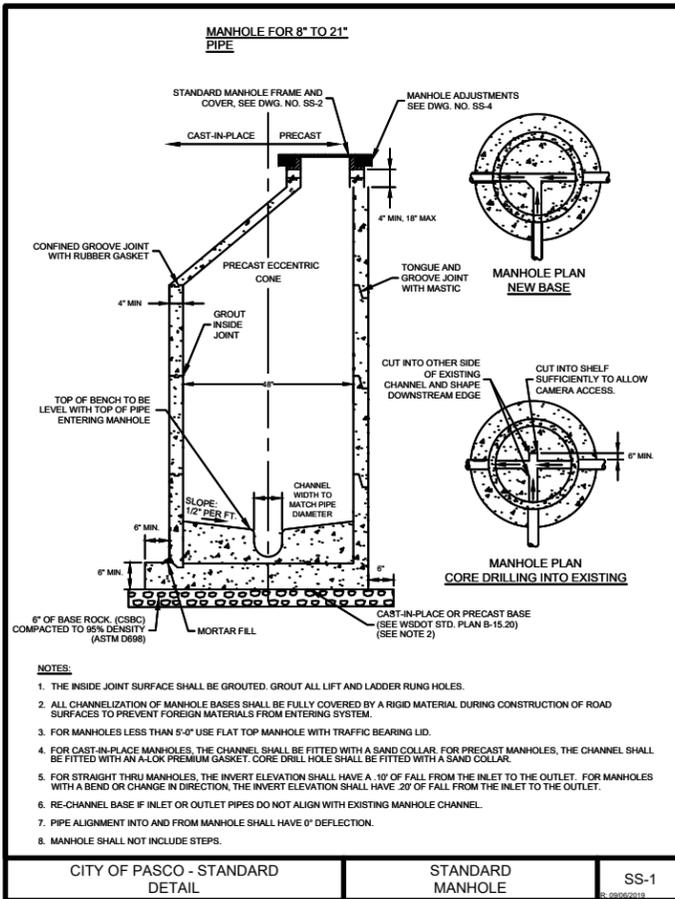
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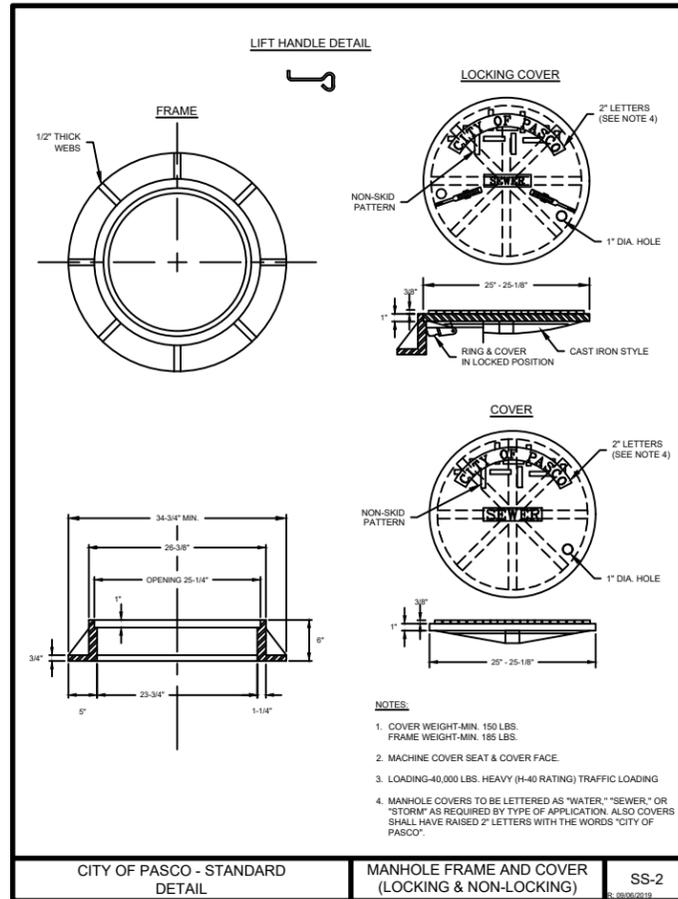


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Call before you dig.

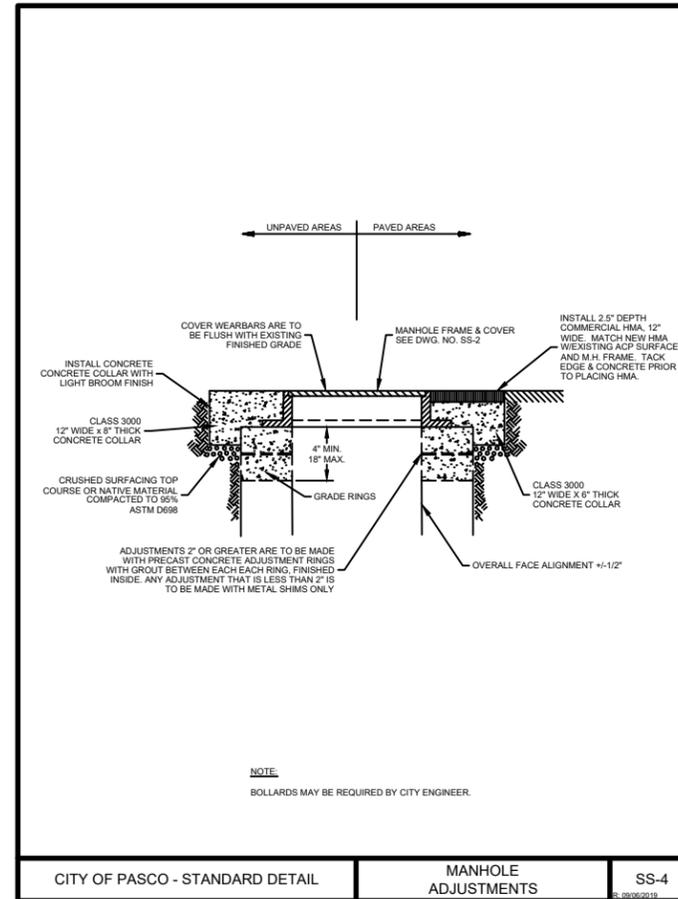
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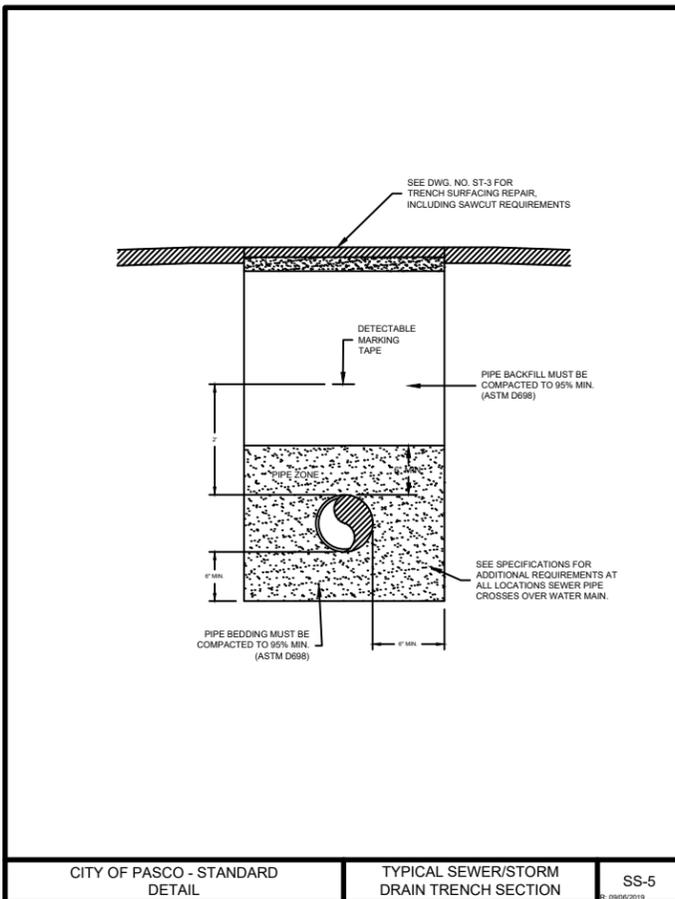
CITY OF PASCO - STANDARD DETAIL STANDARD MANHOLE SS-1



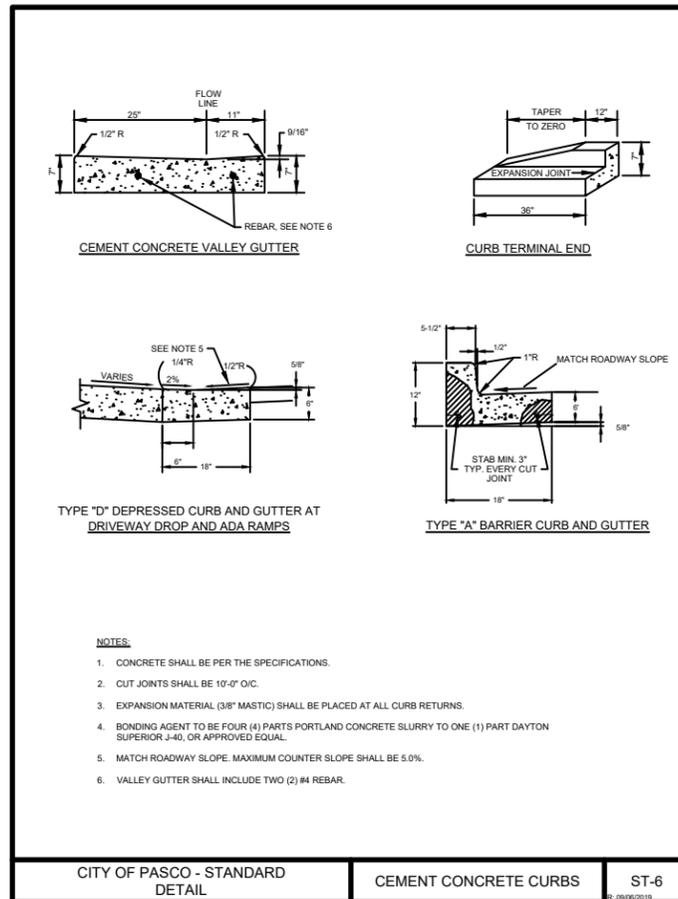
CITY OF PASCO - STANDARD DETAIL MANHOLE FRAME AND COVER (LOCKING & NON-LOCKING) SS-2



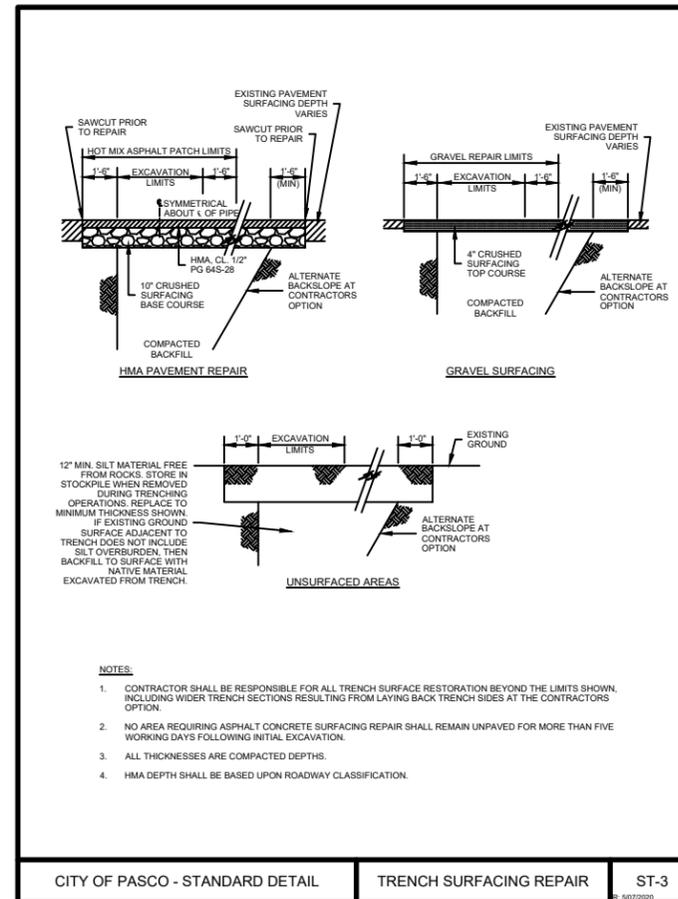
CITY OF PASCO - STANDARD DETAIL MANHOLE ADJUSTMENTS SS-4



CITY OF PASCO - STANDARD DETAIL TYPICAL SEWER/STORM DRAIN TRENCH SECTION SS-5



CITY OF PASCO - STANDARD DETAIL CEMENT CONCRETE CURBS ST-6



CITY OF PASCO - STANDARD DETAIL TRENCH SURFACING REPAIR ST-3



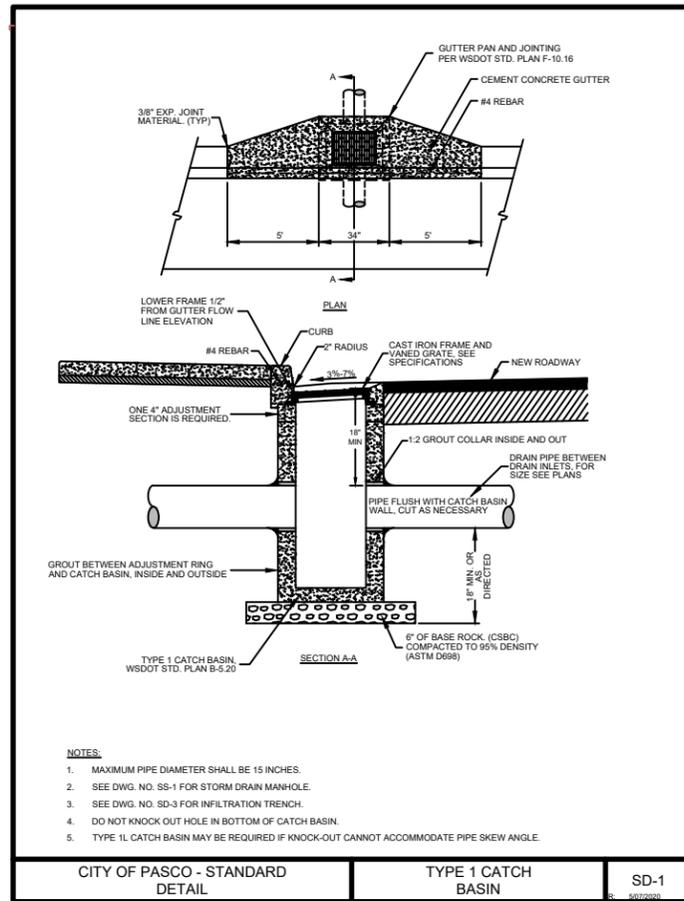
CITY OF PASCO
PUBLIC WORKS - CIVIL ENGINEERING
(509) 545-3444

WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

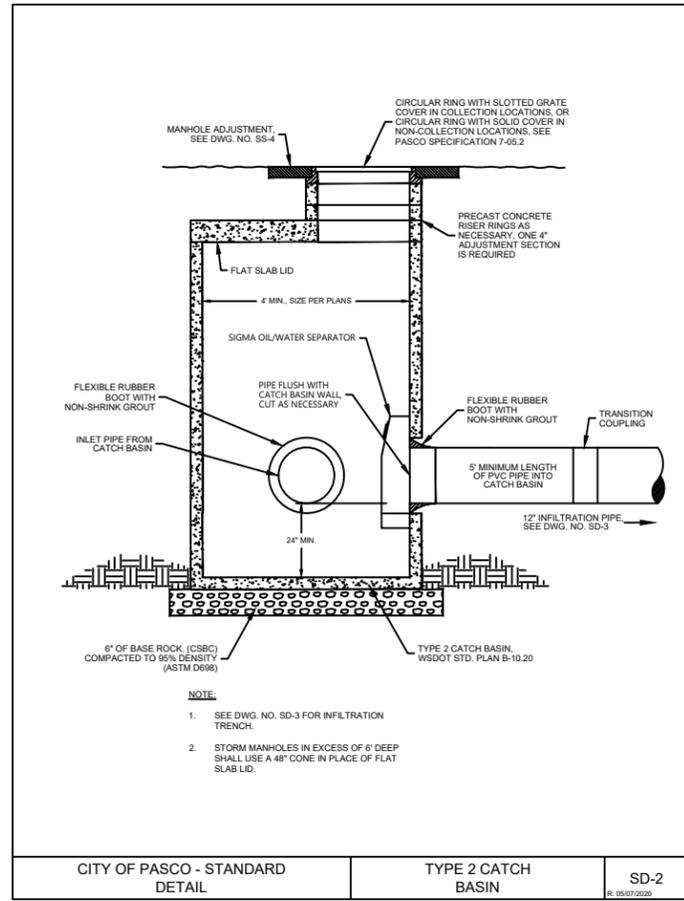
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10
12
OF

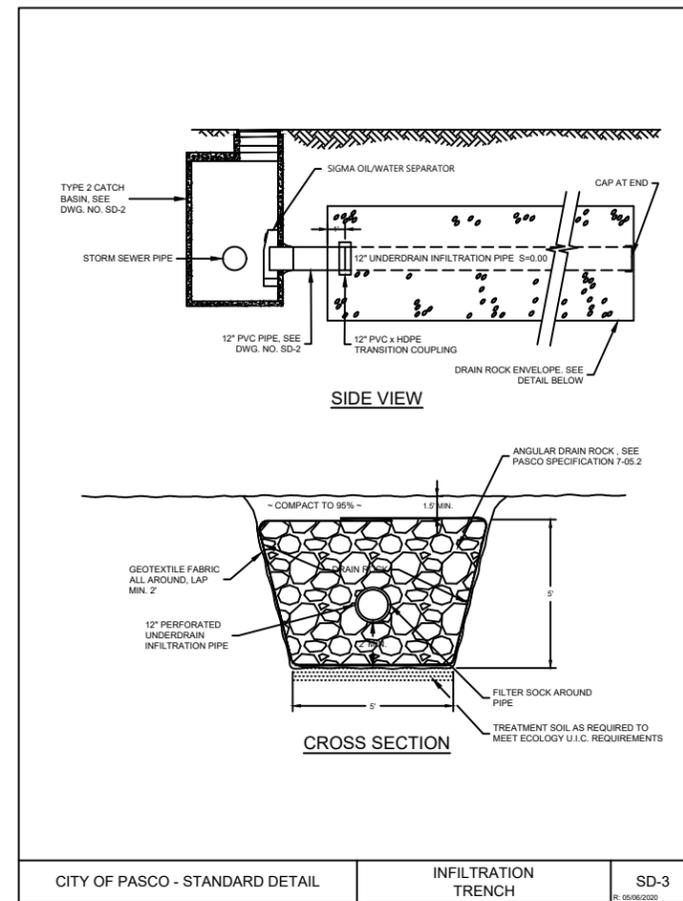




CITY OF PASCO - STANDARD DETAIL	TYPE 1 CATCH BASIN	SD-1 R. 05/07/2020
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CITY OF PASCO - STANDARD DETAIL	TYPE 2 CATCH BASIN	SD-2 R. 05/07/2020
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CITY OF PASCO - STANDARD DETAIL	INFILTRATION TRENCH	SD-3 R. 05/06/2020
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CITY OF PASCO
PUBLIC WORKS - CIP ENGINEERING
(509) 545-3444

REV	DESCRIPTION	BY	DATE

WRIGLEY DRIVE EXTENSION
PASCO, WASHINGTON

DETAIL SHEET

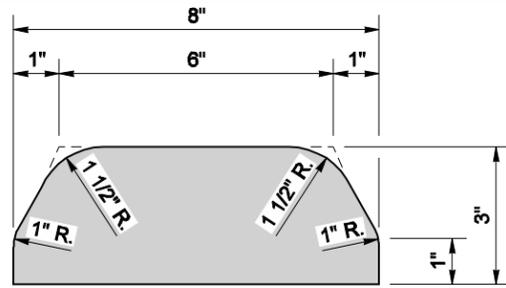
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PARCEL #: 116130028
DATE: 9-28-2020
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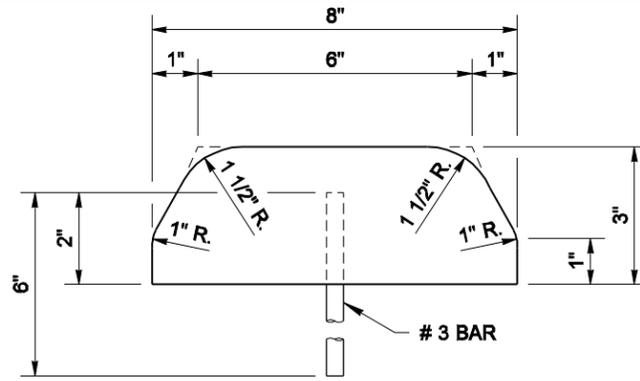
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OF **12**



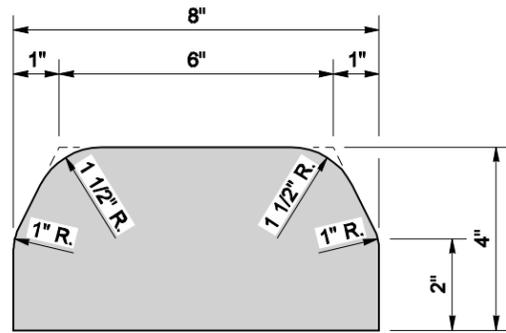
DRAWN BY: BILL BERENS



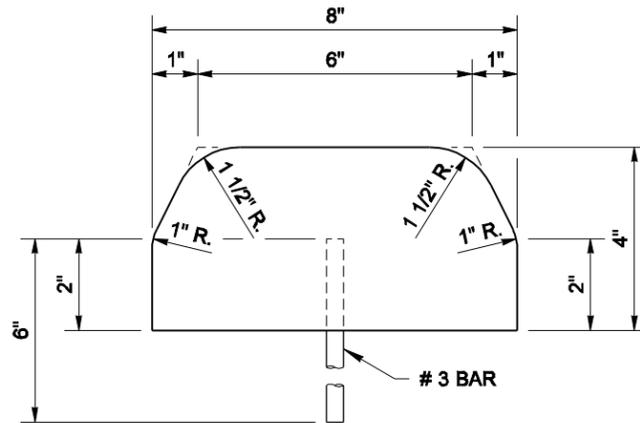
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(HOT MIX ASPHALT)



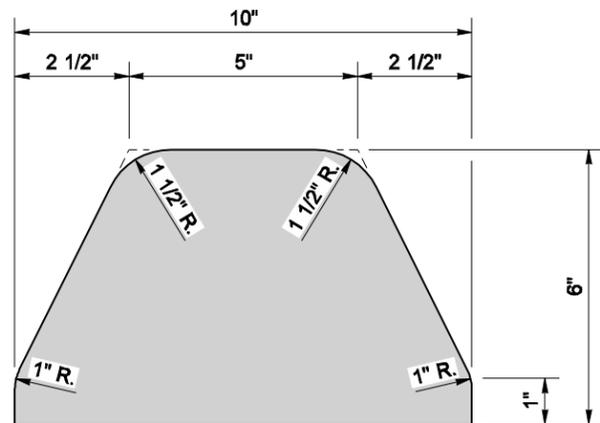
TYPE 4
(CEMENT CONCRETE)



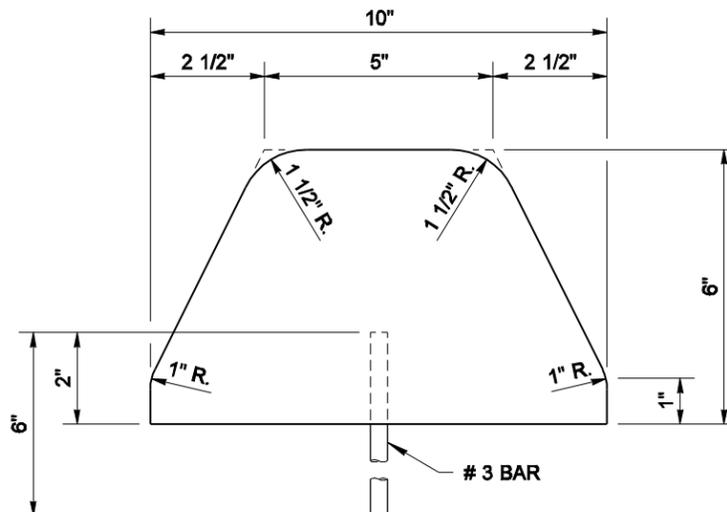
TYPE 2
(HOT MIX ASPHALT)



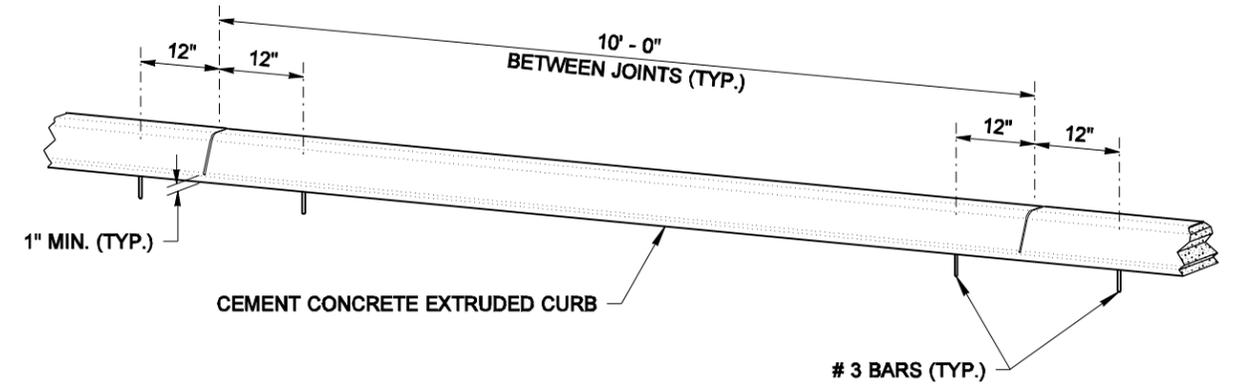
TYPE 5
(CEMENT CONCRETE)



TYPE 3
(HOT MIX ASPHALT)



TYPE 6
(CEMENT CONCRETE)



SPACING OF ANCHOR BARS
(FOR TYPES 4, 5, AND 6)

NOTE

JOINTS MAY BE FORMED DURING INSTALLATION USING A RIGID DIVIDER OR SAWCUT AFTER CONCRETE CURES TO MINIMUM STRENGTH.



EXPIRES AUGUST 26, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

EXTRUDED CURB

STANDARD PLAN F-10.42-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Ken L. Smith

STATE DESIGN ENGINEER

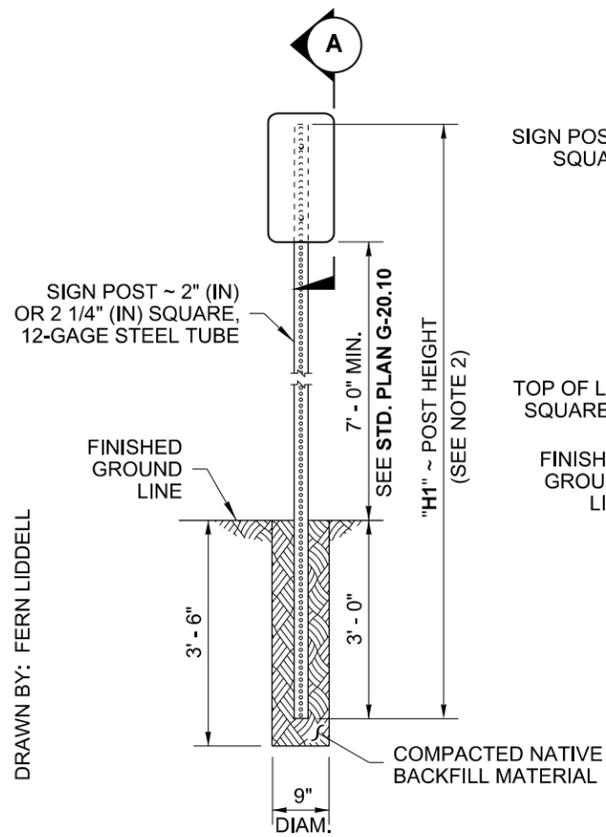
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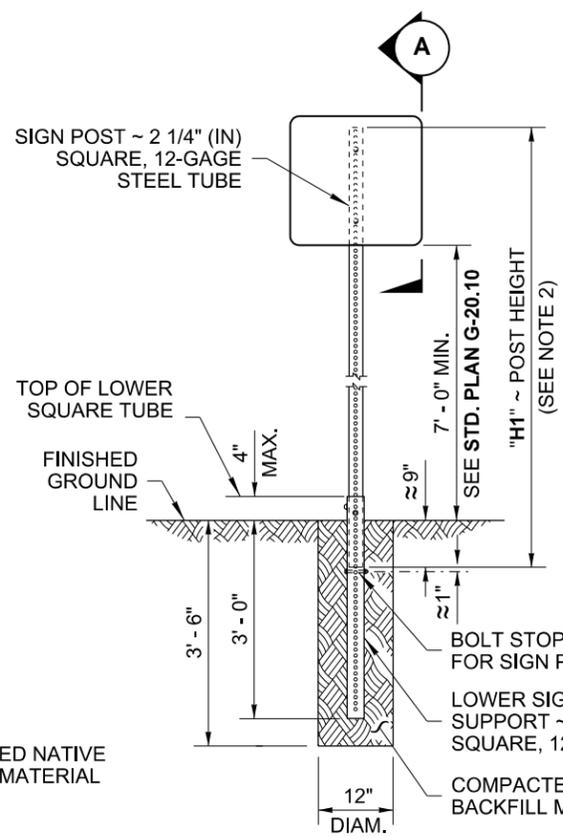


Washington State Department of Transportation

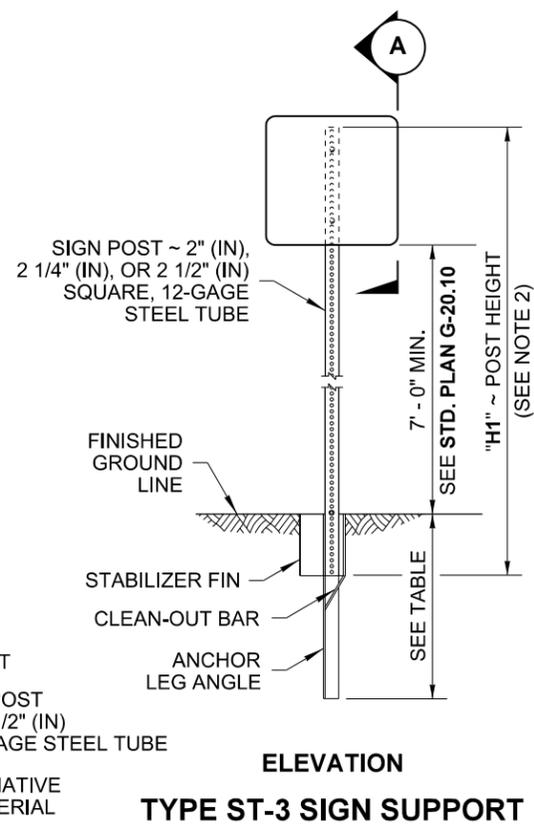
DRAWN BY: FERN LIDDELL



**ELEVATION
TYPE ST-1 SIGN SUPPORT**

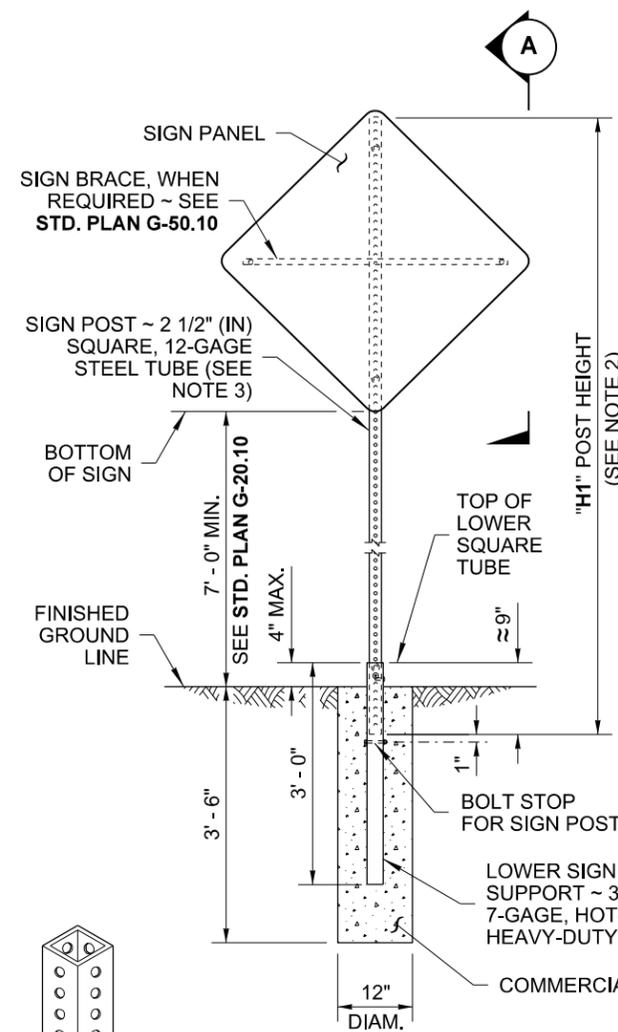


**ELEVATION
TYPE ST-2 SIGN SUPPORT**



**ELEVATION
TYPE ST-3 SIGN SUPPORT**

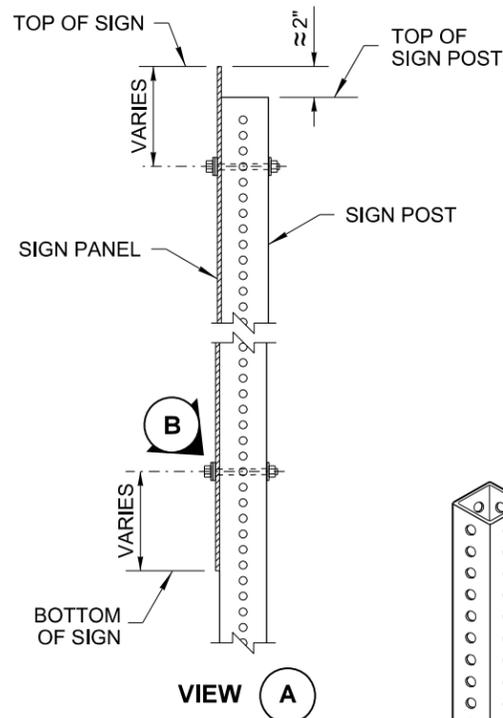
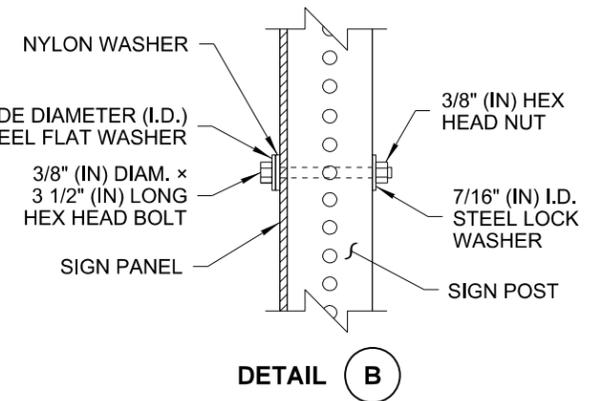
BURIED DEPTH	POST SIZE
2' - 6"	2", 2 1/4"
3' - 0"	2 1/2"



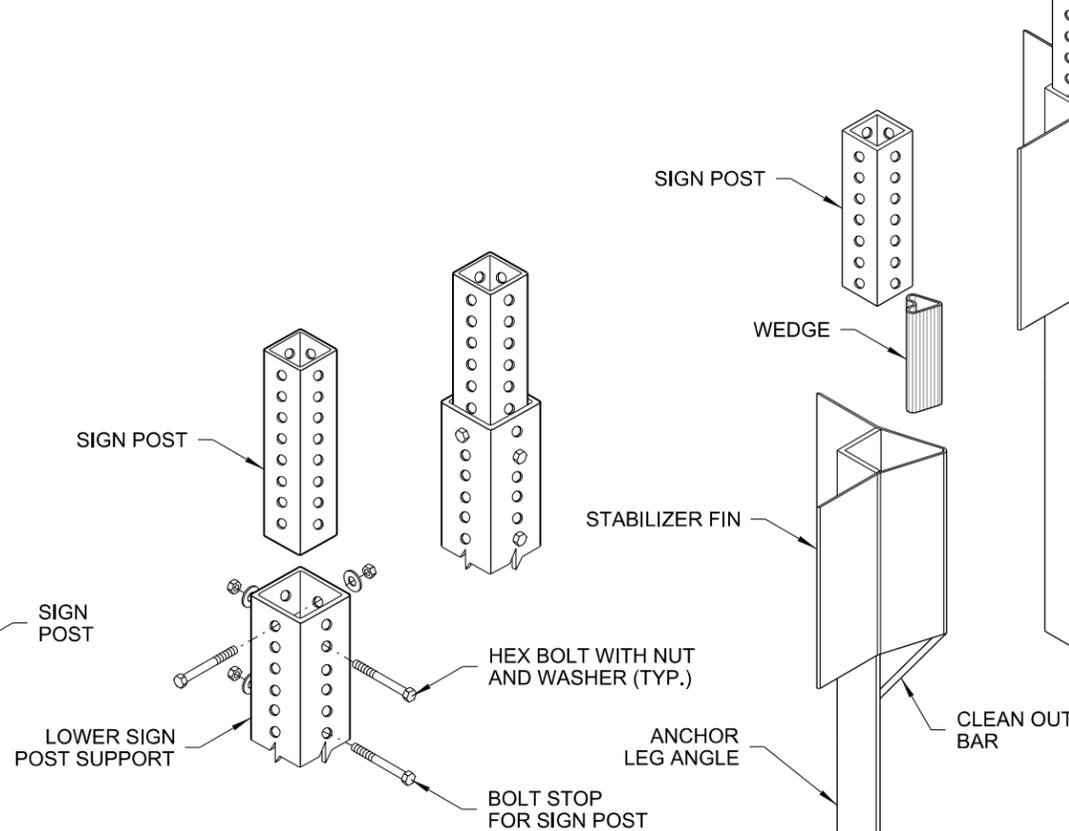
**ELEVATION
TYPE ST-4 SIGN SUPPORT**

NOTES

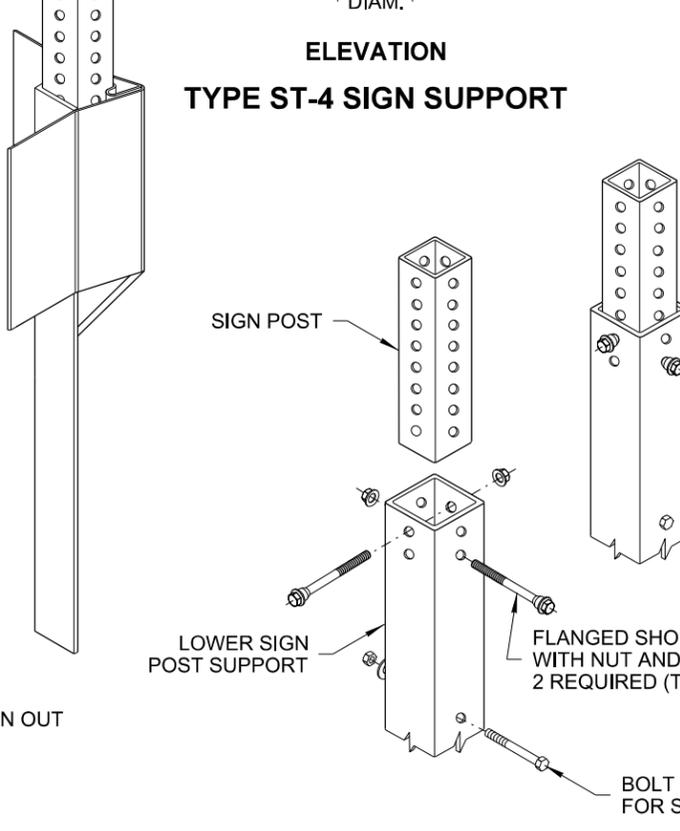
1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.
2. For "H1", refer to the Sign Specification Sheet in the Contract.
3. A 2" (in) post with a 2 1/4" (in) PSST anchor or a 2 1/4" (in) post with a 2 1/2" (in) PSST anchor may be substituted. See Contract Plans.
4. Perforated square steel post shall meet the requirements of **Standard Specification, Section 9-06**.
5. Use only base connection manufacturer supplied hardware that meets the requirements of **Standard Specification, Sections 9-06 and 9-28**.



TYPE ST-1



TYPE ST-2



TYPE ST-4

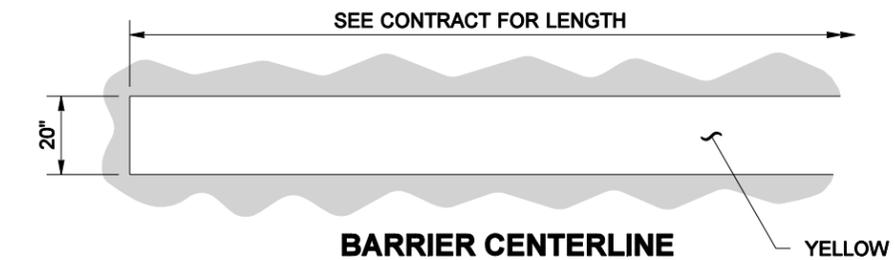
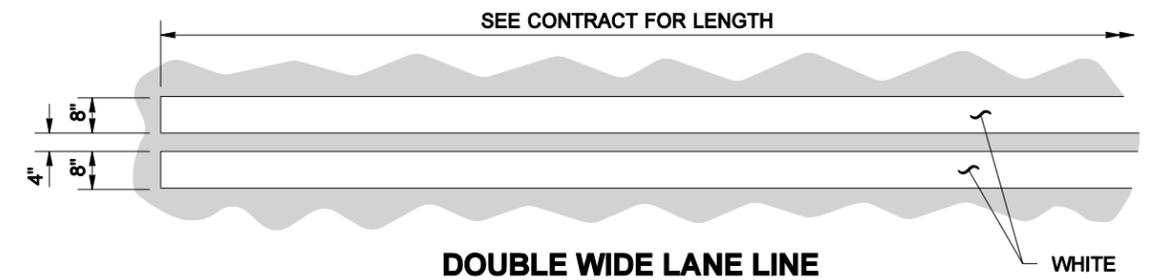
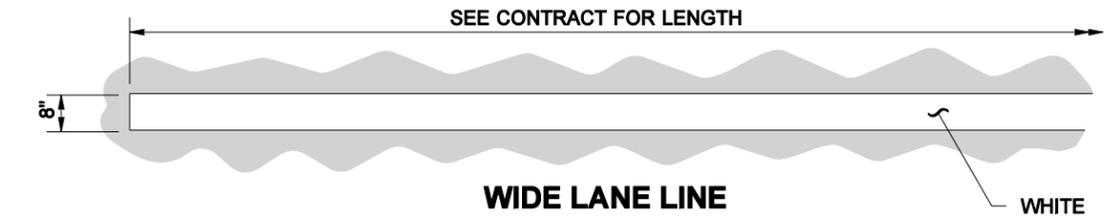
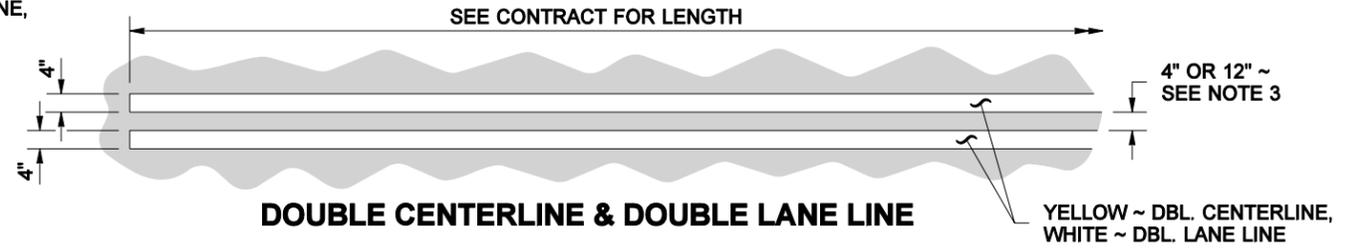
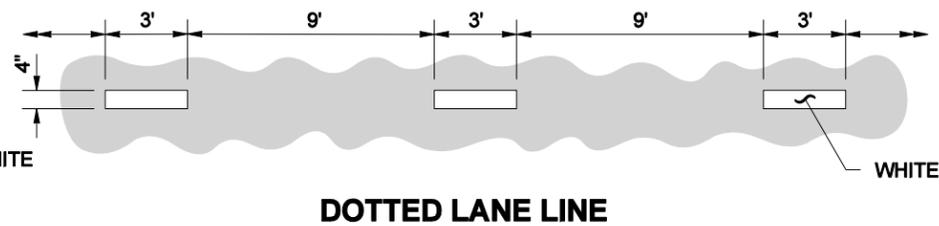
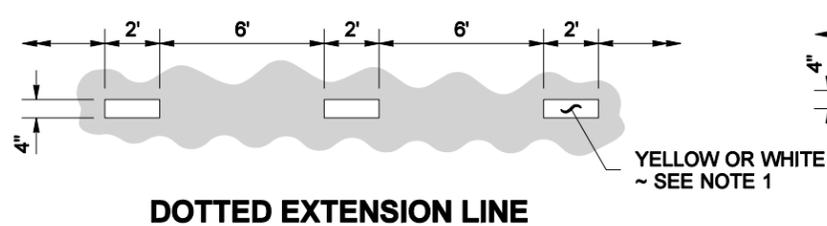
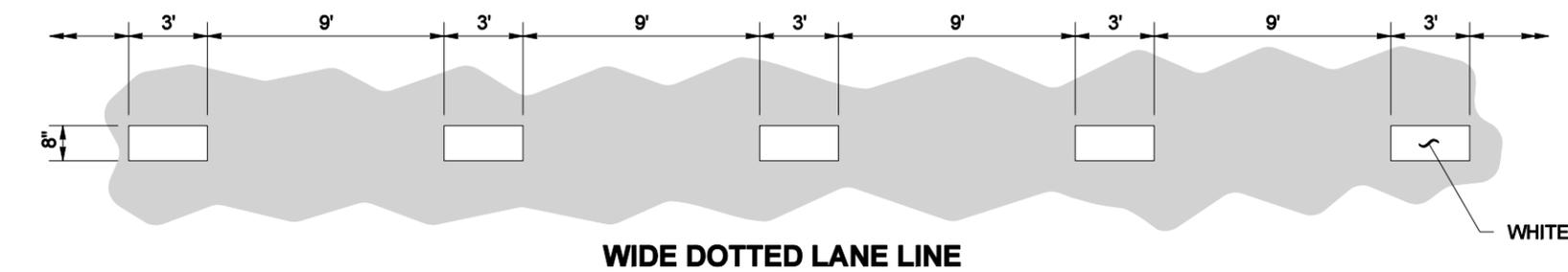
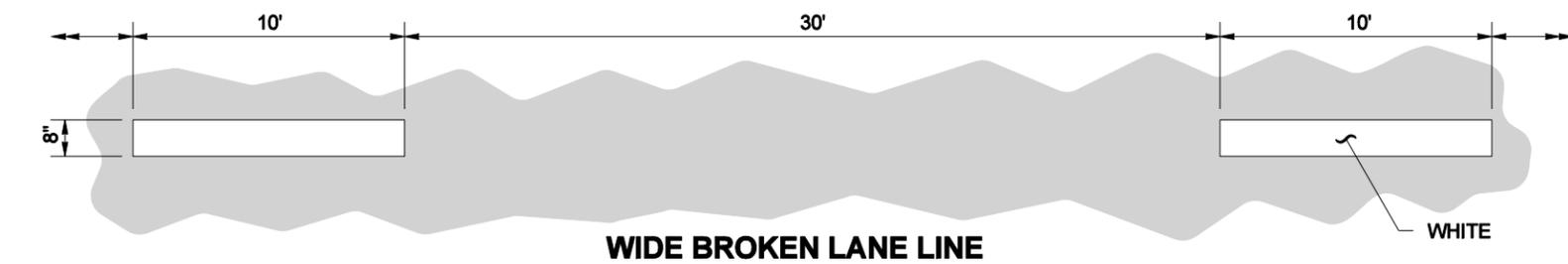
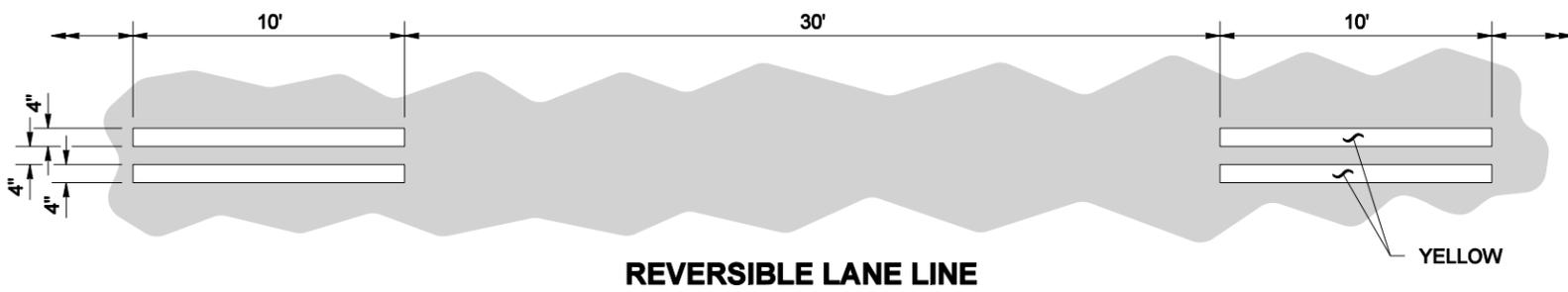
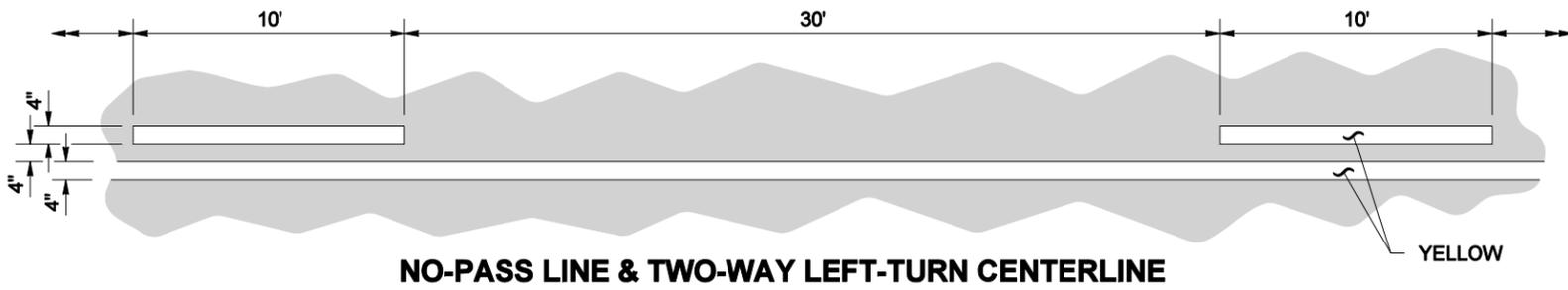


**STEEL SIGN SUPPORT
TYPES ST-1 - ST-4
INSTALLATION DETAILS
STANDARD PLAN G-24.50-05**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

DRAWN BY: LISA CYFORD



NOTES

1. Dotted Extension Line shall be the same color as the line it is extending.
2. Edge Line shall be white on the right edge of traveled way, and yellow on the left edge of traveled way (on one-way roadways). Solid Lane Line shall be white.
3. The distance between the lines of the Double Centerline shall be 12" everywhere, except 4" for left-turn channelization and narrow roadways with lane widths of 10 feet or less. Local Agencies (on non-state routes) may specify a 4" distance for all locations. The distance between the lines of the Double Lane Line shall be 4".



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LONGITUDINAL MARKING PATTERNS

STANDARD PLAN M-20.10-02

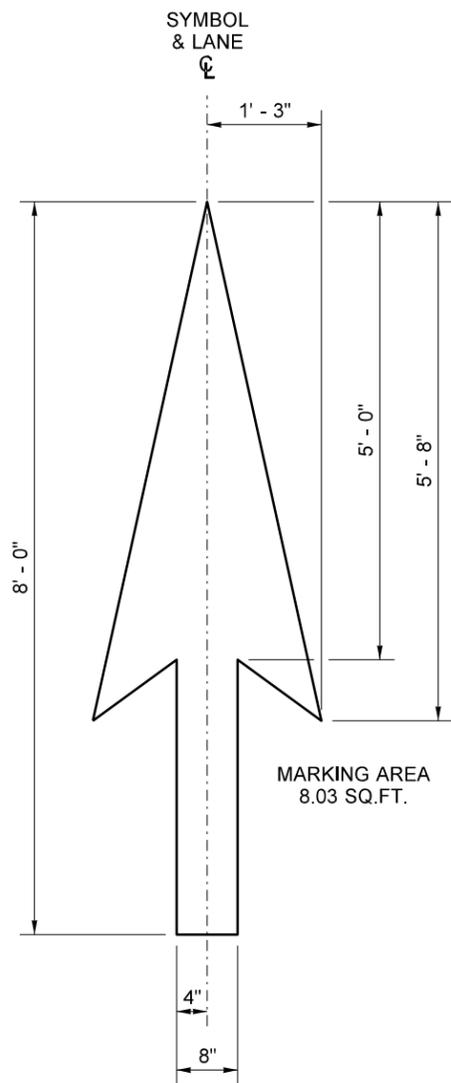
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 06-03-11

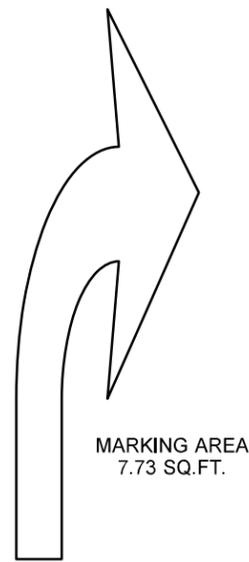
STATE DESIGN ENGINEER DATE





**TYPE 1S
TRAFFIC ARROW**

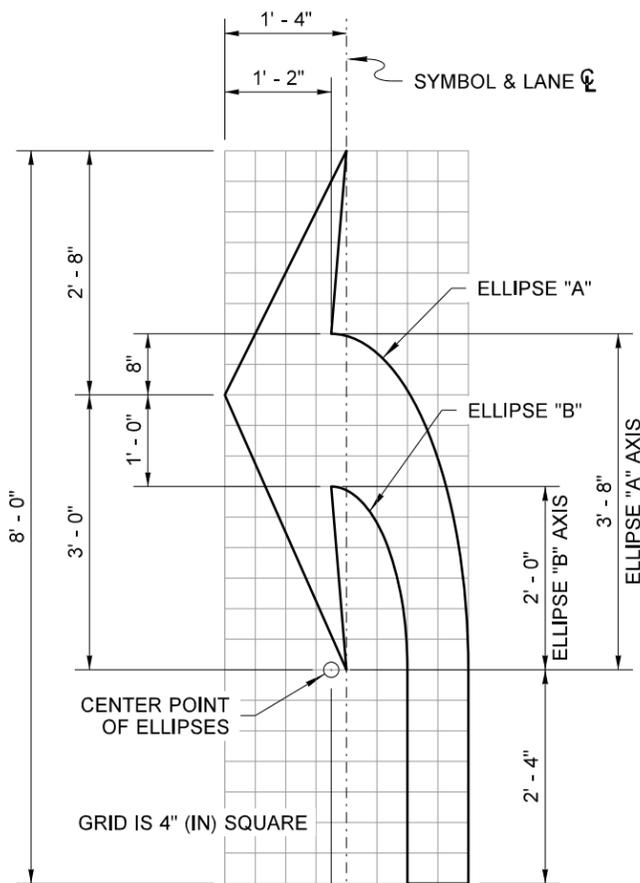
MARKING AREA
8.03 SQ.FT.



MARKING AREA
7.73 SQ.FT.

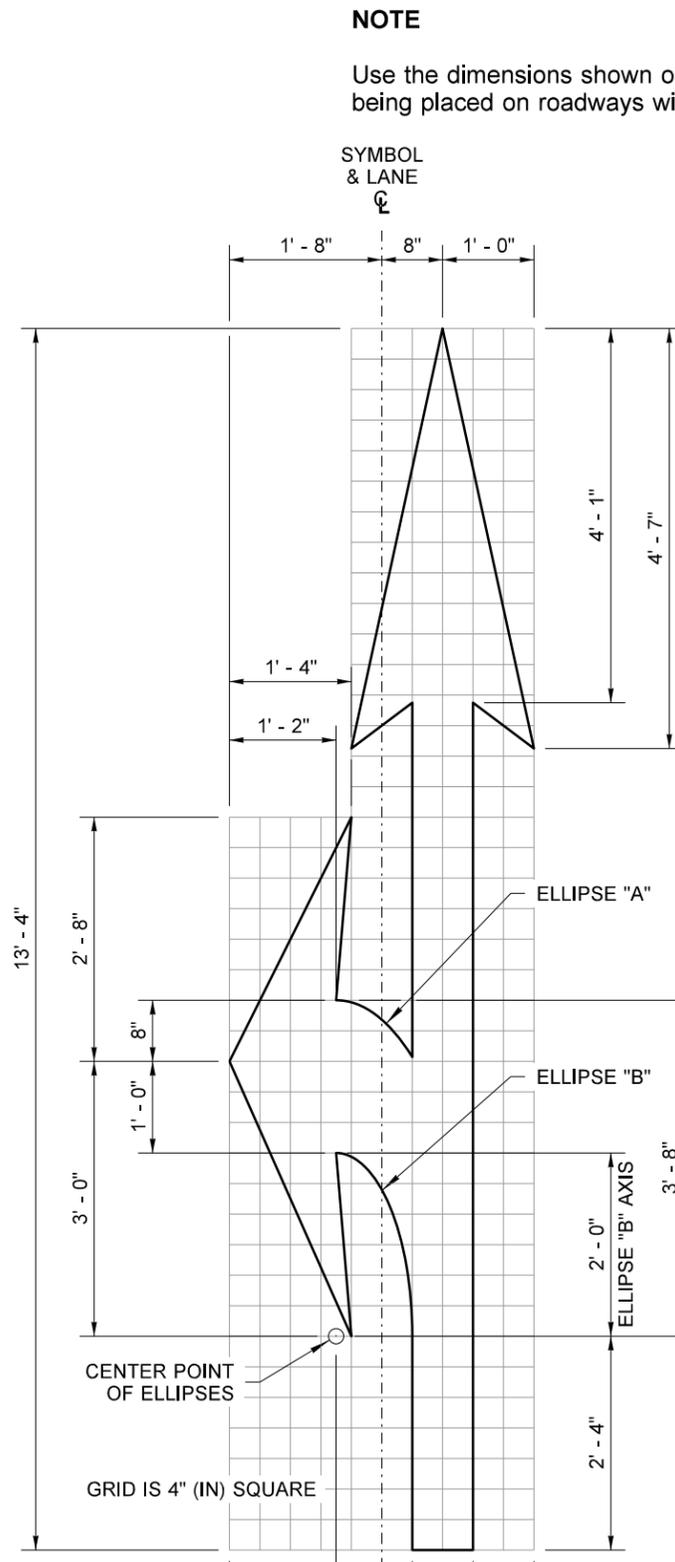
**TYPE 2SR (RIGHT)
TRAFFIC ARROW**

MIRROR IMAGE OF
TYPE 2SL TRAFFIC ARROW
(SHOWN AT REDUCED SCALE)



MARKING AREA
7.73 SQ.FT.

TYPE 2SL (LEFT) TRAFFIC ARROW

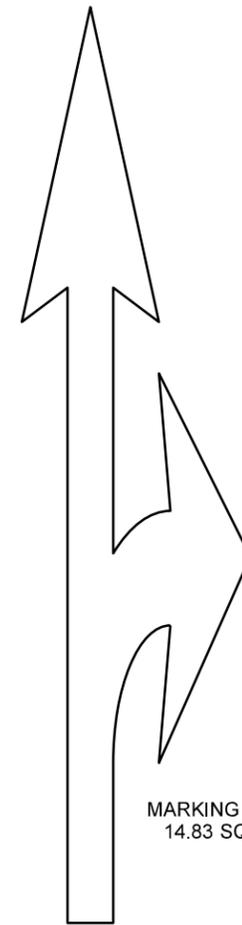


MARKING AREA
14.83 SQ.FT.

TYPE 3SL (LEFT) TRAFFIC ARROW

NOTE

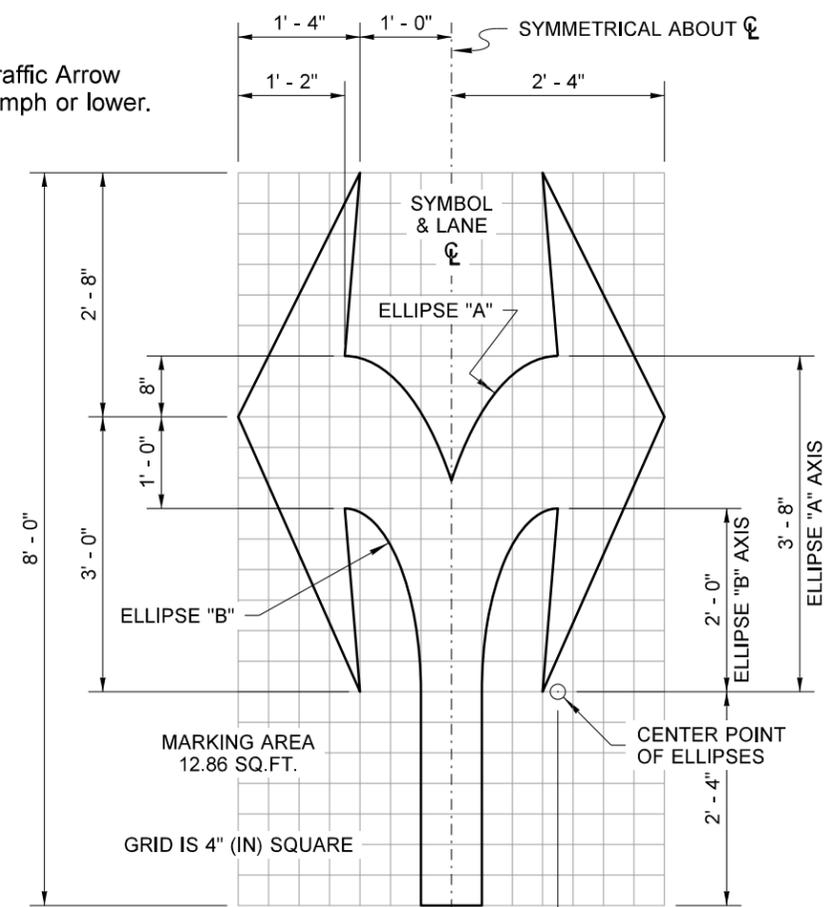
Use the dimensions shown on this plan for each type of Traffic Arrow being placed on roadways with a posted speed limit of 40 mph or lower.



MARKING AREA
14.83 SQ.FT.

**TYPE 3SR (RIGHT)
TRAFFIC ARROW**

MIRROR IMAGE OF
TYPE 3SL TRAFFIC ARROW
(SHOWN AT REDUCED SCALE)



MARKING AREA
12.86 SQ.FT.

**TYPE 4S
TRAFFIC ARROW**

DRAWN BY: COLBY FLETCHER

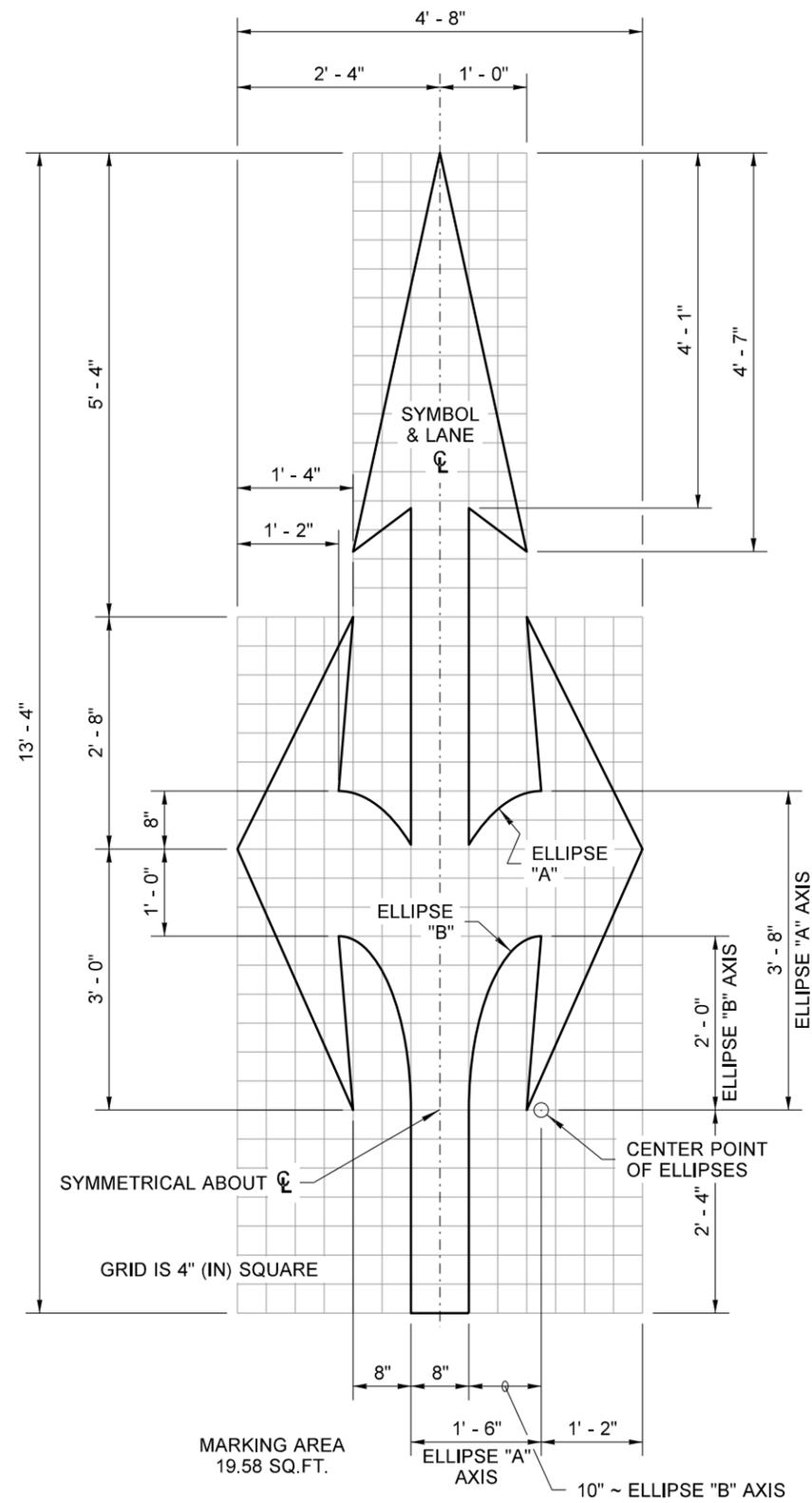


**SYMBOL MARKINGS ~
TRAFFIC ARROWS FOR
LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02**

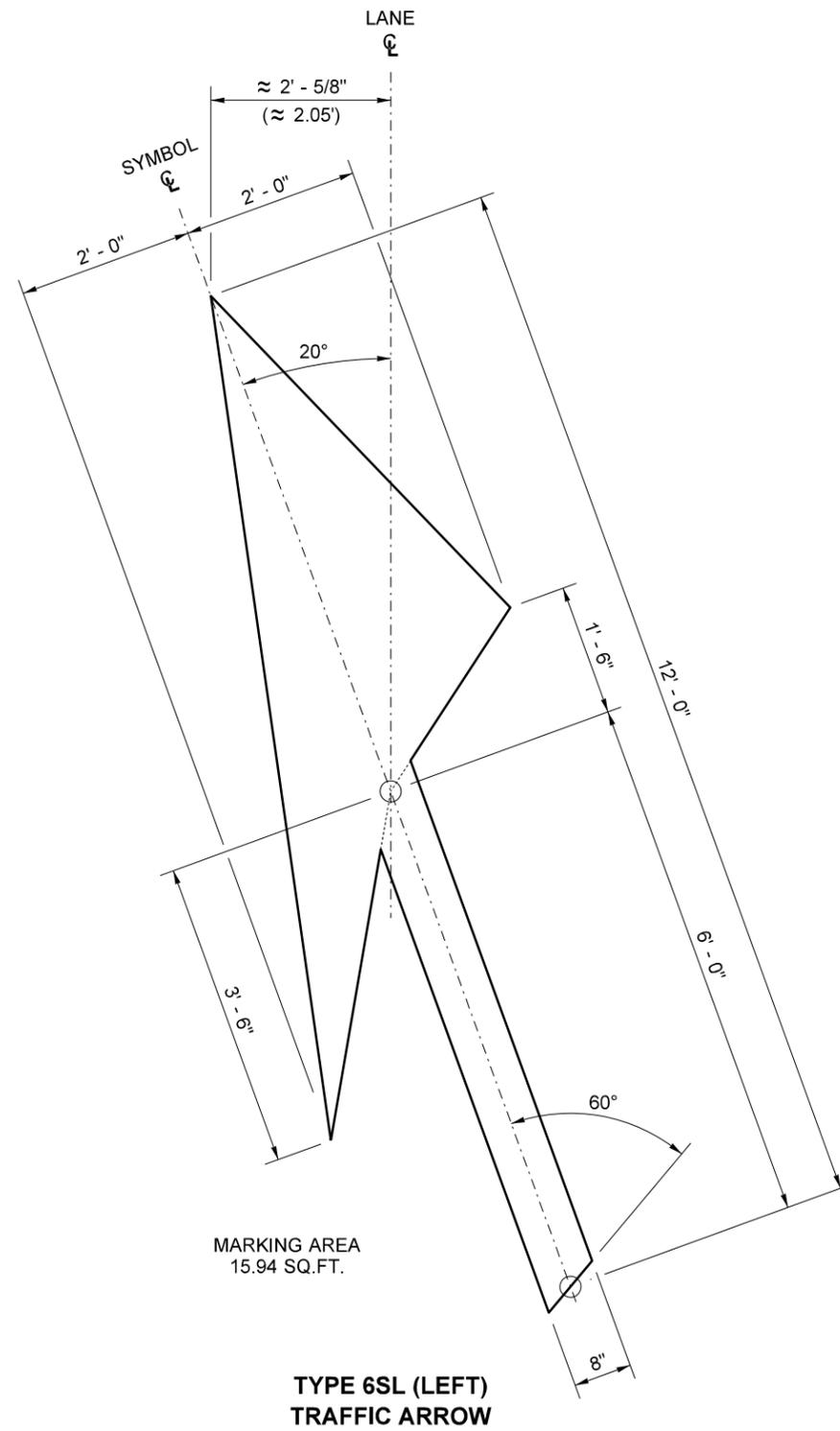
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

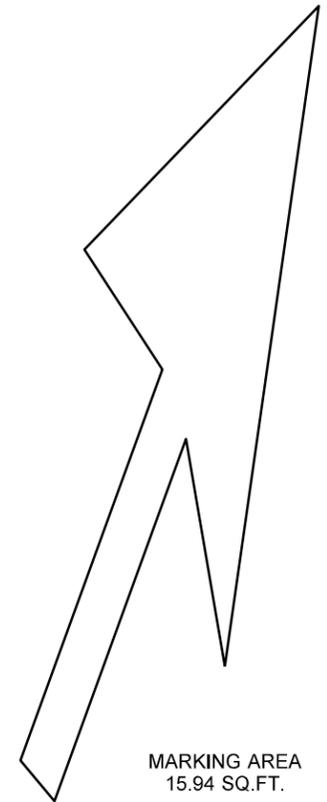
STATE DESIGN ENGINEER
Washington State Department of Transportation



TYPE 7S TRAFFIC ARROW



**TYPE 6SL (LEFT)
TRAFFIC ARROW**



**TYPE 6SR (RIGHT)
TRAFFIC ARROW**

MIRROR IMAGE OF TYPE 6SL
(MIRRORED ABOUT LANE CENTERLINE)
(SHOWN AT REDUCED SCALE)

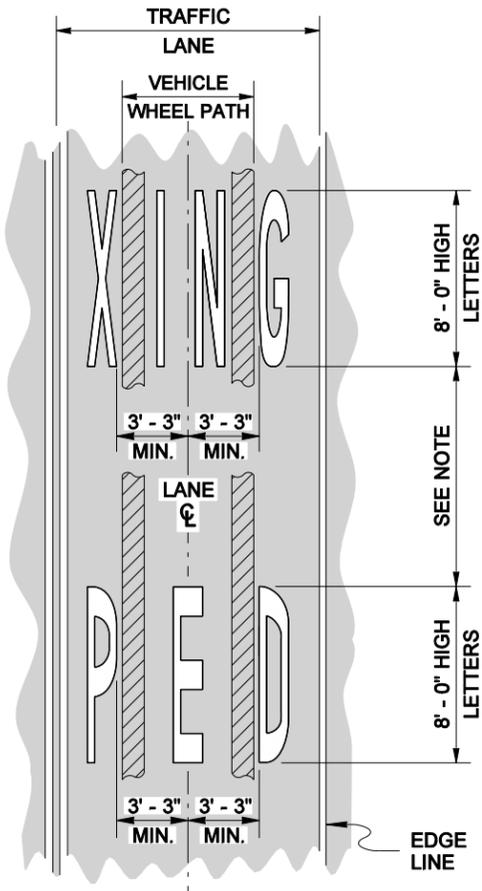


**SYMBOL MARKINGS ~
TRAFFIC ARROWS FOR
LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02**

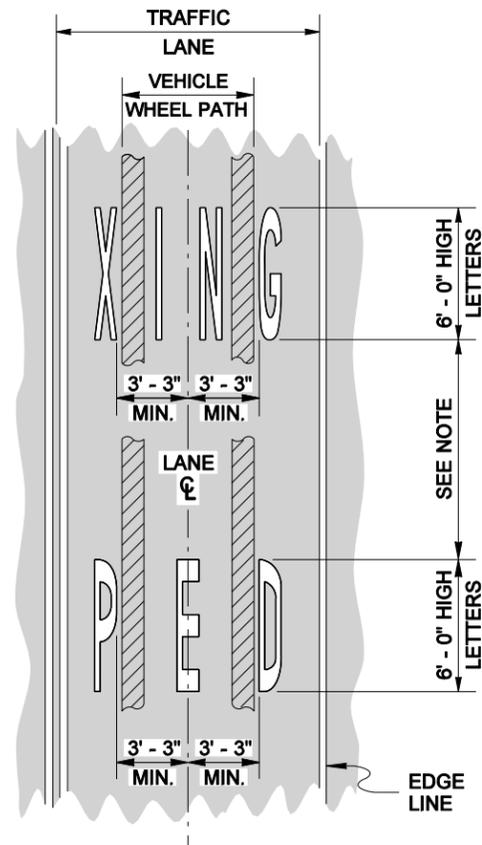
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

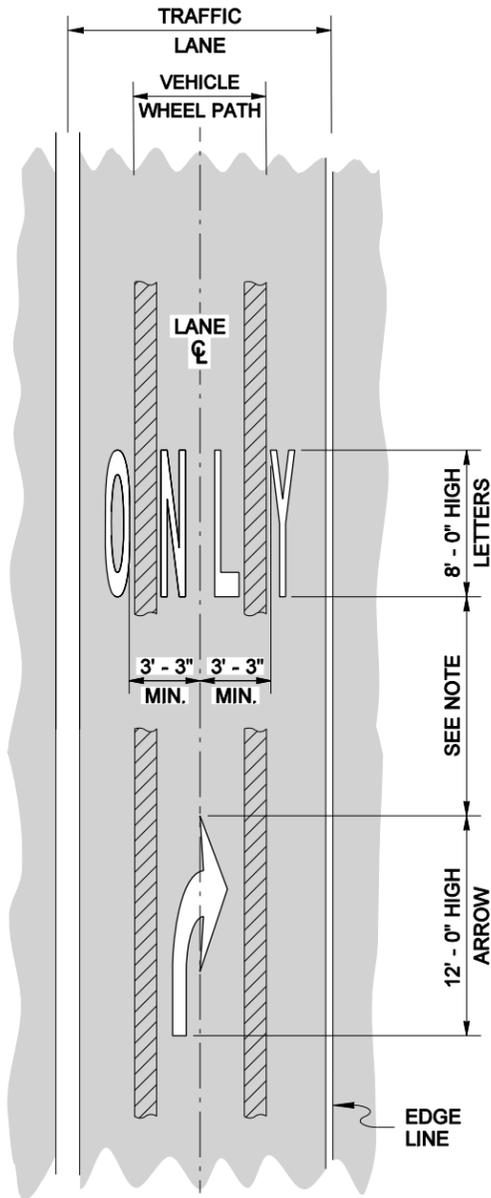
STATE DESIGN ENGINEER
Washington State Department of Transportation



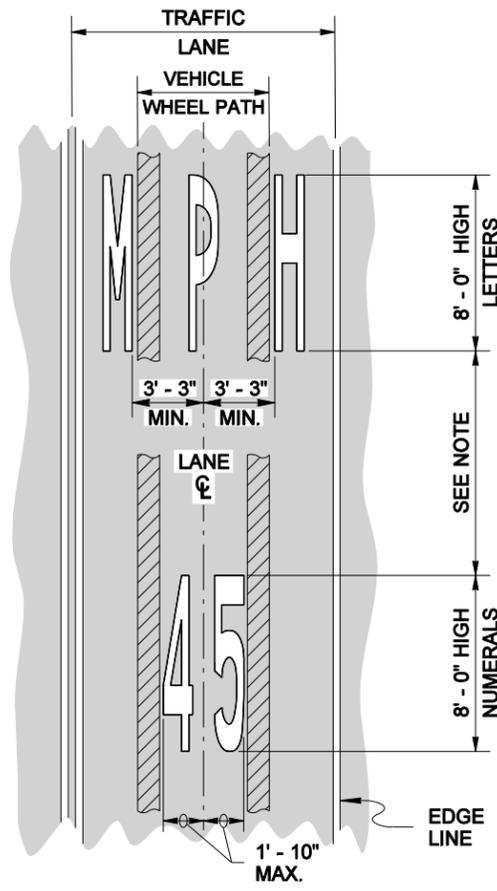
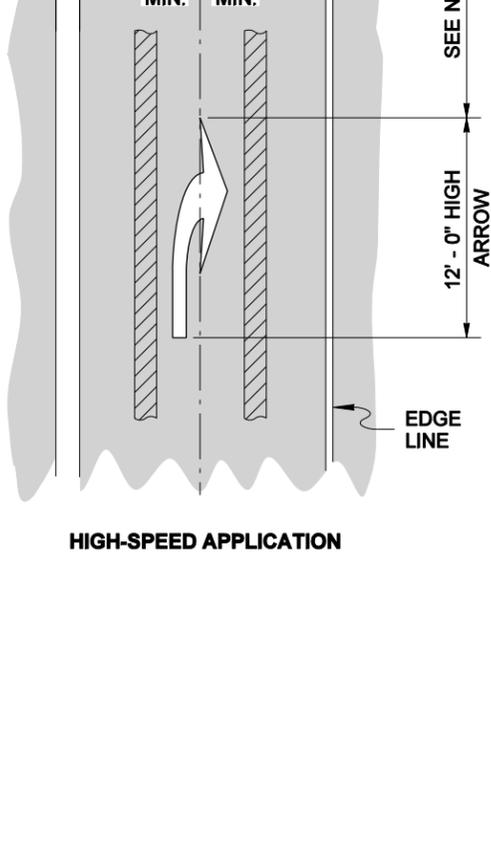
HIGH-SPEED APPLICATION



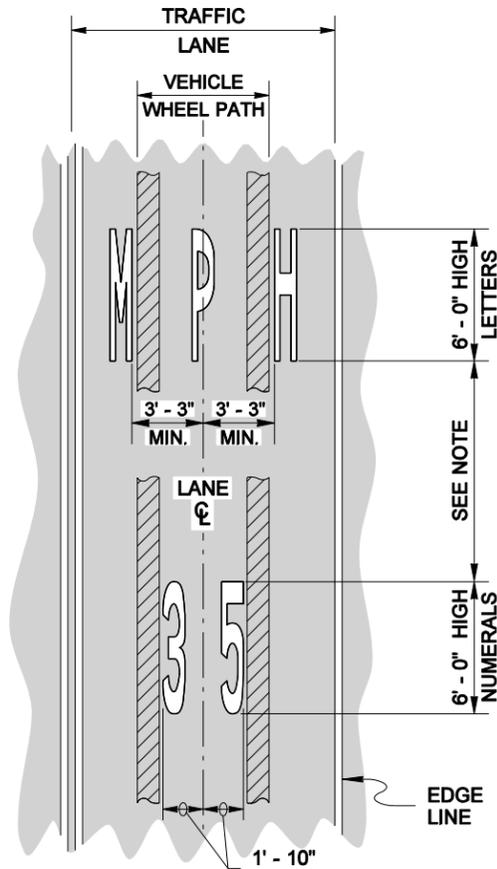
LOW-SPEED APPLICATION



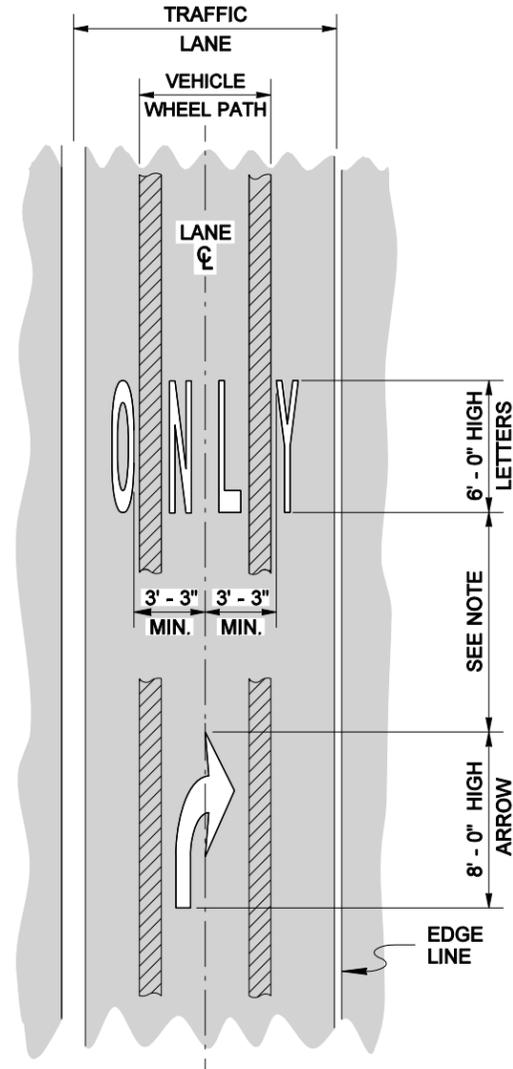
HIGH-SPEED APPLICATION



HIGH-SPEED APPLICATION



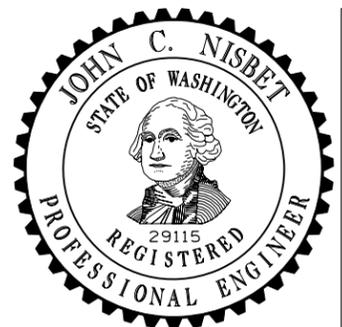
LOW-SPEED APPLICATION



LOW-SPEED APPLICATION

NOTE

1. Typically, four times the letter or numeral height ~ minimum, up to ten times ~ maximum, or according to Plans.



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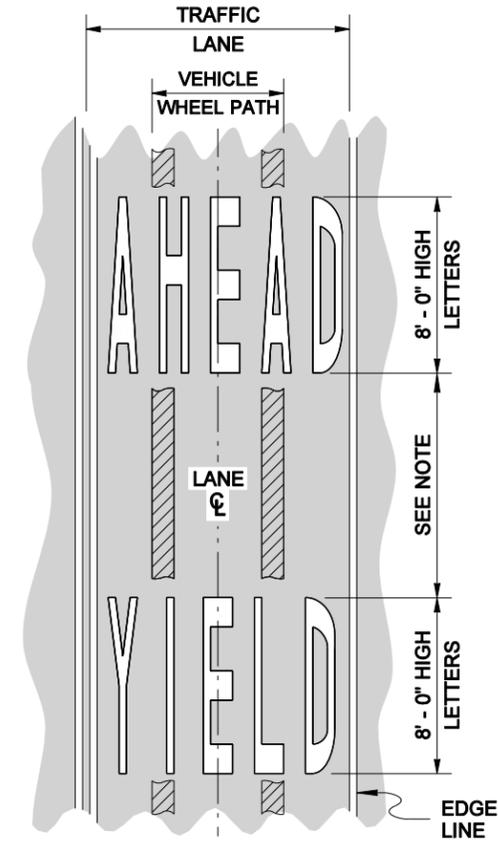
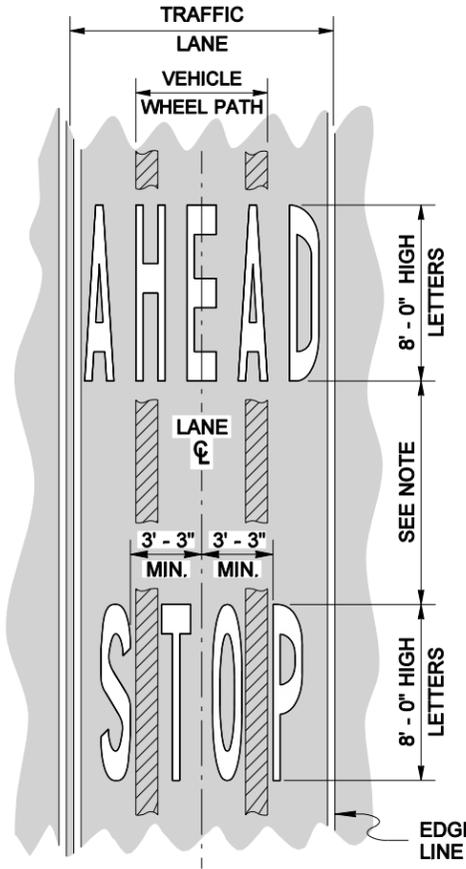
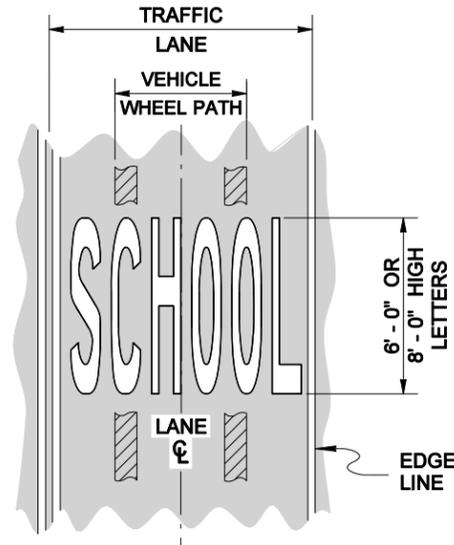
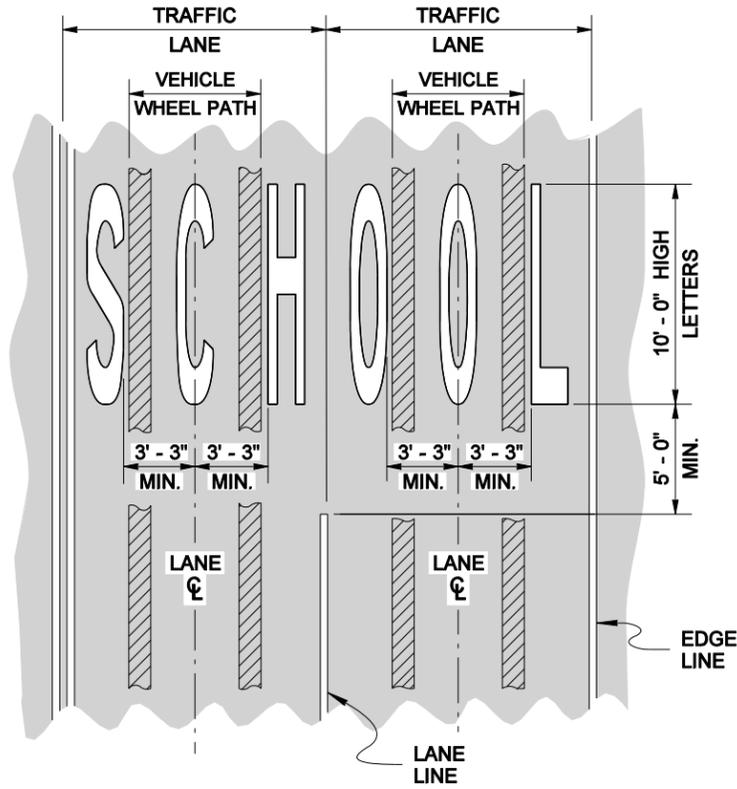
TRAFFIC LETTER AND NUMERAL APPLICATIONS
STANDARD PLAN M-80.10-01

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

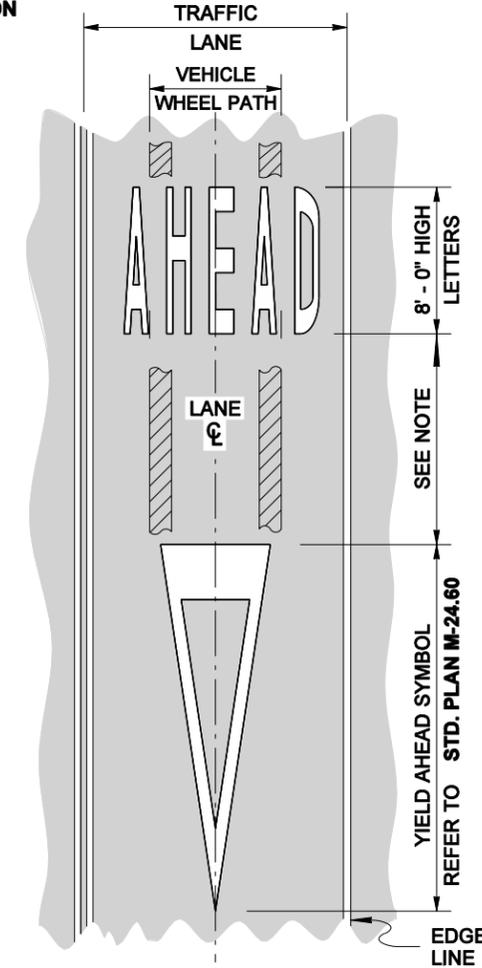
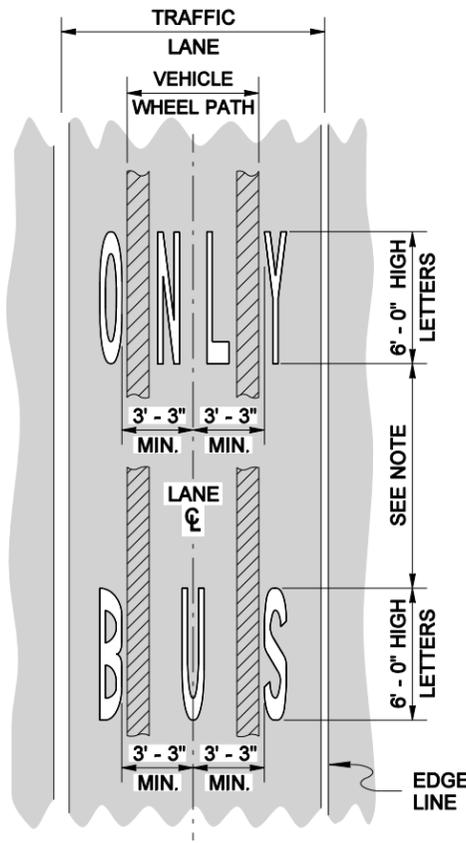
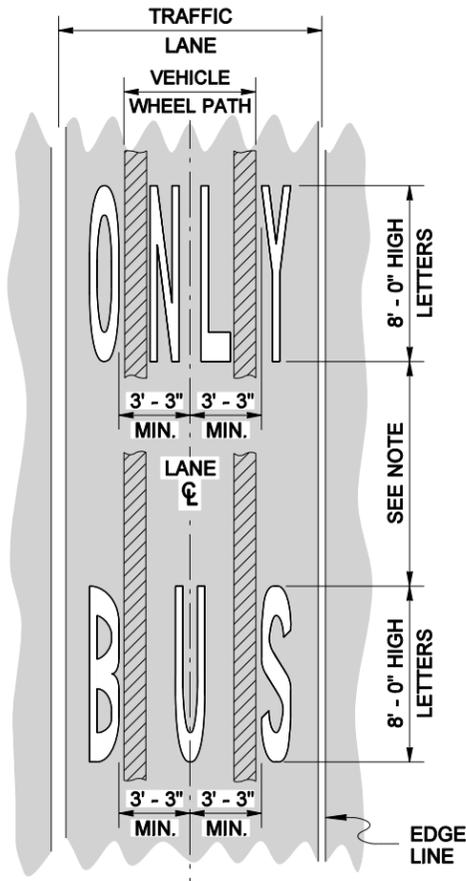
Pasco Bakotich III 06-03-11
 STATE DESIGN ENGINEER DATE





HIGH-SPEED APPLICATION

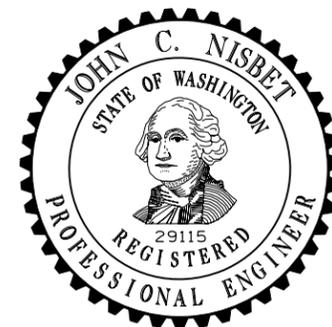
HIGH-SPEED APPLICATION



HIGH-SPEED APPLICATION

LOW-SPEED APPLICATION

HIGH-SPEED APPLICATION



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TRAFFIC LETTER AND NUMERAL APPLICATIONS
STANDARD PLAN M-80.10-01

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Pasco Bakotich III 06-03-11
 STATE DESIGN ENGINEER DATE



Appendix A

QuestCDN On-Line Bidding User Guide

On-Line Bidding User Guide

Welcome to VirtuBid™ with the Quest Construction Data Network!

VirtuBid™ (vBid™) is a state-of-the-art electronic bidding service that benefits the bidder by allowing more time for last minute price adjustments. Bidders can now submit their numbers and forms within seconds of bid closing to ensure the most competitive bids, simply by the push of a button.

On-Line Bid ID code

You must create your On-Line Bid ID code to submit your bid.

Prior to participating in On-Line Bidding, be sure to set up your company's On-Line Bid ID code. Your On-Line Bid ID code is your digital signature. You may also need to update your QuestCDN password to higher security if needed (*On-Line Bidding new password minimum is 8 characters with one uppercase, one lowercase and one numeral*). Updating passwords and creating an On-line Bid ID code can only be done by your System Administrator.

Creating your On-Line Bid ID code

My Account – Located in the Green Title Bar in the functional menu.

- **User Info** – Enter On-line Bid ID code (*new minimum is 8 characters with one uppercase, one lowercase and one numeral*).
- **Confirm On-line Bid ID code** – Re-type your Bid ID code to confirm.
- **Save** – Click Save to update and save your code.

Before you can enter On-Line Bidding you must first Download the Project Document. You must also download all addendums before you will be able to submit your bid.

To download the Project Documents or addendums – Log into your QuestCDN account, enter the project number and click search. (you may have to click on the project name to open the Bid Advertisement Page). Click on Download Document for the projects document file. Click on **Addenda** to download addendums (located in the green title bar.) Once downloaded, close the bid advertisement window and then reopen to refresh the screen.

The screenshot shows a web browser window with the URL https://www.questcdn.com/questcdn/projects/prj_browse/project...wse.html?&projbrowse=true. The page title is "QUESTCDN: Project - Google Chrome". The main content area is titled "Renovation of City Hall Building (Quest eBidDoc™ #4731649)". At the top of the content area, there is a green navigation bar with buttons for "View Plan Holders", "Download Document", "Addenda", and "View Plans". Below this, there are buttons for "Print Ad", "Email Ad", and "On-Line Bid". The project details are as follows:

County/City/State:	Carver - Chaska, MN
Directions To Site:	
Bids Close:	11/30/2017 12:00 PM CST
On-Line Bidding:	Available
Bids Received By:	QuestCDN vBid
Addenda:	1
Owner Project Number:	QuestCDN vBid
Description:	VBid
Owner:	
Soliciting Agent:	QuestCDN On-Line Bidding

At the bottom of the page, there is a section for "Documents:" with the following information:

Quest eBidDocs™:	Vbid Test
	Download delivery fee is \$0.00 , file size is 1.2 Mb.

Accessing On-Line Bidding

There are two ways to access QuestCDN On-Line Bidding

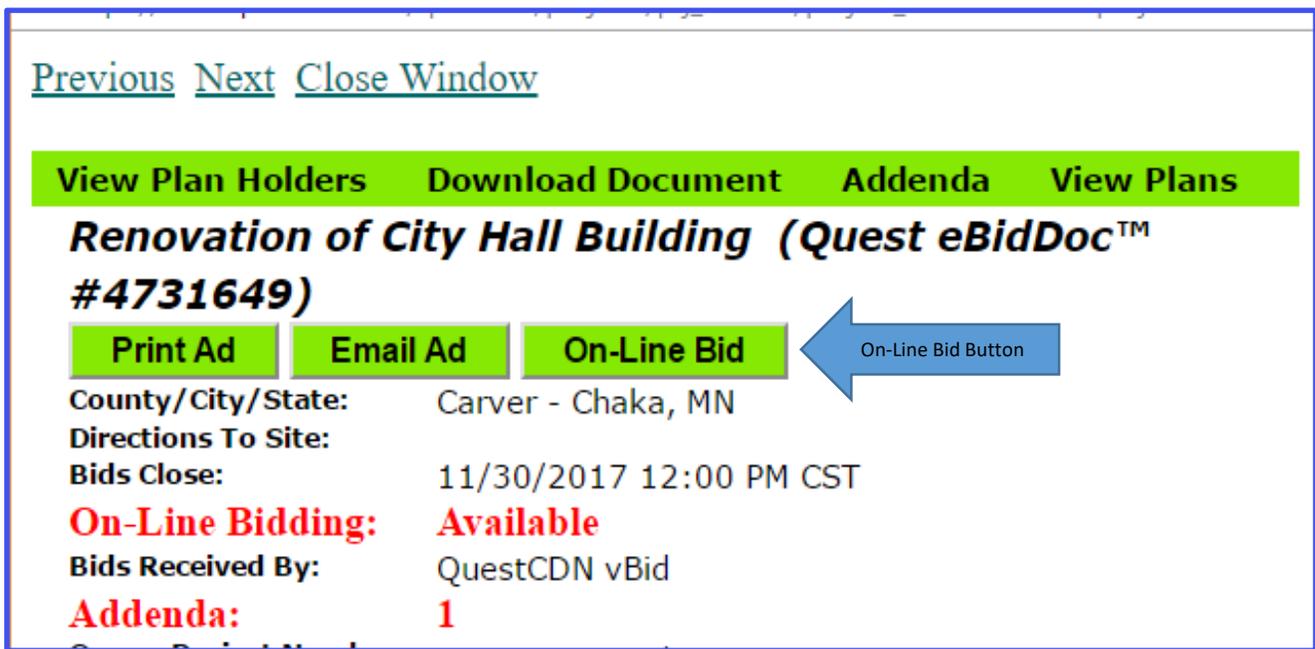
1. Click on the On-Line Bidding button to log into Quest VirtuBid™ (located on the first page of QuestCDN in the black/ green title bar).



2. Enter the project number and click search. (You may have to click on the project name to open the Bid Advertisement page).



On the Bid Advertisement Page click the On-Line Bid Button.



Logging into Vbid - On-Line Bidding

1. Log into Vbid - On-Line Bidding using your **QuestCDN** User Name and Password. (Password must = *new security minimum of 8 characters with one uppercase, one lowercase and one numeral. If needed, go to "My Account" to update the password.*)
2. On the Home page of vBid - On-Line Bidding projects are sorted by Bids Started, Bids Available, Bids Submitted, Bids Closed (Bid Submitted), Bids Closed (no bid submitted).
3. Select your project by clicking on the underlined project name.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Bids Started (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	Last Modified	User
<u>Renovation of City Hall Building</u>	Chaska	Carver	MN	11/30/2017 12:00 PM CST	QuestCDN - Pro	QuesCDN - Sh	11/17/2016 02:48 PM	Shelly Kahl

Bids Available (Click the +/- to expand/contract the list)
No projects meet this criteria

Bids Submitted (Click the +/- to expand/contract the list)
No projects meet this criteria

Bids Closed (Bid submitted) (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	Last Submitted	User
<u>Airport On-line Bid Project</u>	Waconia	Carver	MN	10/28/2016 04:00 PM CDT	QuestCDN - Pro	shelly kahl	10/28/2016 03:58 PM	Shelly Kahl

Bids Closed (No bid submitted) (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	User
<u>vbid Premier Member Manual</u>	waconia	Carver	MB	10/28/2016 12:00 PM CDT	Quest Construc	test	Shelly Kahl

Qualification Tab

The Qualification Tab will contain all necessary documents and forms uploaded by the owner/solicitor that are required for the project. Download all documents and forms that are required, fill them out and upload the completed forms back to the project (if required).

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CDT

Owner: QuestCDN - 384 days 22:26:00

Solicitor: QuestCDN - Provider Training

Bid Not Submitted Submit Bid Save

Qualification Information Bid Worksheet

Bid Qualifications and Bidder Certifications

Qualification Sections

1. Bid Bond Section

Complete the Bid Bond information which **could be** an electronic (pdf) version of your bid bond or Surety 2000. (this information depends on what the solicitor has requested). If both are offered you only need to complete one.

A. Electronic Bid Bond

- Upload your file containing your company's bid bond information

B. Surety2000 Bid Bond

- Enter the **Contract Number** (This is the QuestCDN project number)
- Enter the **Contractor ID** (This is your QuestCDN member number)

The Unique Contract Number and Unique Contractor ID must first be provided to the Insurance Agency and the agent must use these two numbers when requesting a Surety Bond ID. Your Contractor ID will stay the same but the Contract Number will change from project to project.

The screenshot shows the Quest v BID web application interface. At the top, there is a navigation bar with the Quest v BID logo, "Contact Quest", and "Logout". Below this is a header for "The Construction Industry's Premier Bid Management System" with a "Home" link. The main content area displays the project title "Renovation of City Hall Building (#4731649)" and the date "11/30/2017 12:00 PM C". The owner is "QQuestCDN -" and the solicitor is "QuestCDN - Provider Training -". A red status message "Bid Not Submitted" is shown, along with "Submit Bid" and "Save" buttons. Below this is a tabbed interface with "Qualification Information" and "Bid Worksheet" tabs. The "Bid Qualifications and Bidder Certifications" section is active, showing a "Bid Bond" requirement of 5% of the submitted bid value. Two options are presented: "Attach electronic bid bond" with a file upload area (labeled A) and "Enter your Surety2000 bid bond information" with input fields for Contract number (4731649), Contractor id (4626031), and Bond id, along with "Validate" and "Save" buttons (labeled B).

2. Bidder must download the following file for bid submission section

Download all documents that are shown as requiring a download. Each required download will have a file name and a [download](#) link. Click on the Save Button to update the screen.

The screen will now show the downloaded date of the file.

The screenshot shows a section titled "Bidder must download the following files for bid submission." It lists a file "On-Line Bidding - certification form.xls" with a "download" link. A blue arrow points to the "Download file" button, and another blue arrow points to the "Downloaded Date" field, which shows "downloaded 16-Nov-2016".

3. Bidder must download, complete, and submit (or replace) the following files for bid submission section

Click the [Download](#) link to download all required documents, select the **Save** button to update, there will now be a **Upload** Button. Complete all information and save the document(s) to your computer. Select the **Choose File** button to retrieve your file from your computer. Select the **Upload** button to upload your file to the bid.

A) **Completed Upload** - The name of the uploaded document will be shown next to the Upload button.

B) **Downloaded Date** - If you have downloaded the document but not uploaded your completed document file, the message shows the document [downloaded date](#). You need to upload your file before you can submit your bid.

C) **Download File** - If you have not downloaded the document a message will display- **downloading required for bid submission**. You need to download and upload the completed file before you can submit your bid.

4. Check or Replace File

Quest vBid allows you to check your uploaded documents and replace them as often as you need. To check the file uploaded, click on the uploaded document name. To replace it, select **Choose File** and retrieve the correct file from your computer. Select **Upload** to complete the upload of your replacement file.

Bidder must download, complete, and submit (or replace) the following files for bid submission.

On-Line Bidding - Specifications.xps	download	Choose File No file chosen	Upload	On-Line Bidding - Specifications.xps uploaded 10-Nov-2016
On-Line Bidding - Specifications.xps	download	Choose File No file chosen	Upload	downloaded 16-Nov-2016
Quest equipment signature 001.jpg	download	downloading required for bid submission		

Annotations: Arrow A points to the 'On-Line Bidding - Specifications.xps' row. Arrow B points to the 'downloaded 16-Nov-2016' text. Arrow C points to the 'downloading required for bid submission' text. A blue box with '#4' is positioned between the first two rows.

5. Post letting information works the same as the sections above, except there is a separate due date, after the normal letting close. Documents requested in this section can be uploaded any time after the actual bid letting time but must be uploaded before the Deadline date and time set by the solicitor. Please check the separate due date and comply.

Post letting information submittals **Deadline:** 08-DEC-2016 12:00 PM

Download, complete, and submit (or replace) the following files.

Post letting Submission.pdf [download](#)

Buttons: Cancel, Submit Bid, Save

Annotation: Arrow points to the 'Deadline date' text.

Bid Worksheet Tab

Work Sheet Sections

- White sections are part of the Base Bid and require that you bid each item before submitting.
- Pink sections are Optional and completion may or may not be mandatory, Items in this section will not be added to the base bid. Please follow the instructions specified by the solicitor.
- Blue sections are Fixed and specified by the solicitor, you cannot change them and they are automatically added to the base bid.

Entering the Unit Price Fields

- Fill in the Unit Price Field by clicking on the appropriate line item in the worksheet. You can move from unit price to unit price by using your Enter key or the Up/Down Arrow. When finished be sure to click **Save**.
- Once you have finished both the Qualification page and the Worksheet page you are ready to **Submit Bid**.

Import & Export CSV

- Use the Export to CSV button to export the Bid Worksheet to an Excel spreadsheet. This option may be helpful for additional calculations and percentage markups on the unit price.
- Use the Import from CSV button to import your Excel spreadsheet back to the Bid Worksheet.

You may not add or make changes to the headers or verbiage and you may not move line items. If changes have been made to any of these fields the Import CSV will fail to upload correctly and you will not be able to submit your bid or your bid may be incorrect. Only make changes to the Unit Price Field.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
Owner: QQuestCDN - Solicitor: QuestCDN - 383 days 18:44:23

Bid Not Submitted Submit Bid Save

Qualification Information Bid Worksheet

Sections shown in this color are not included in the Base Bid Total
Sections shown in this color are fixed and cannot be edited by the bidder

Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500		
PVC PIPE Total:						\$0.00
PVC FITTINGS						
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100		
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50		
6	4SDR3590	4" PVC SDR35 90 BEND	EA	100		
PVC FITTINGS Total:						\$0.00
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
ALTERNATE PIPE Total:						\$0.00
Labor						
10	Labor	Work Estimator	ea	1	\$2,000.00	\$2,000.00
Labor Total:						\$2,000.00
Base Bid Total:						\$2,000.00

Import from CSV Export to CSV Cancel Submit Bid Save

Submitting your On-Line Bid with Bid ID code

Download all addenda's before you submit your bid. If addendums are not downloaded, you will not be able to submit your bid. Return to QuestCDN and login to download.

Enter your **On-Line Bid ID** code and check the **I Agree** box to accept the Terms and Conditions. Submit your bid– (the On-Line Bid Id code is a special pass code required only at bid submittal, this code is your digital signature– it can be added or changed by logging into your QuestCDN account @ www.questcdn.com - once logged into your account go to **"My Account"** located in the green title bar and select User Info. Add or change your Bid ID Code, remember to save your changes).

QUESTCDN's TERMS OF USE FOR BIDDERS

This Terms of Use for Bidders Agreement ("Agreement") is between Quest Construction Data Network, LLC, P.O. Box 412, Spring Park, Minnesota 55384-0412 ("QUESTCDN") and you (which may be identified in this agreement as "You," "Your," or "User"). By accepting this Agreement you are accepting its terms on behalf of both you personally and any entity for which you are an agent or appear to represent as indicated by the information you provide in registering with the QUESTCDN Web site and the Quest VirtuBid (hereafter vBid) services, and the terms "You," "Your," and "User" shall include both you personally and that entity.

This Agreement is in addition to any other terms and conditions or other agreements QUESTCDN presents to You in writing either on QUESTCDN's Web site or as a part of the Quest vBid services and You agree to as a part of using its Web site or the Quest vBid services, including without limitation the Construction Data Network, LLC Web site Terms of Use, contain the terms and conditions that govern Your use of the QUESTCDN Web site and the Quest vBid services. These agreements constitute the entire agreement among the parties relating to this subject matter, and these agreements supersede all prior or contemporaneous communications and proposals, whether electronic, oral or written.

Enter your On-Line Bid ID code: This ID code is your digital signature. ← Bid ID Code

If you do not remember your On Line Bid ID Code, you may change it by logging in at QuestCDN.com and going to the My Account page. Only account administrators have access to this page.

I Agree ← Agree

By clicking the checkbox and entering your On-Line Bid ID code you are agreeing to the terms displayed above.

Error Messages

After you Submit your bid the system verifies that you have completed all the requirements. The error message **Bid Not Submitted** will be shown if you have errors in your bid submission. Below are some examples of error messages.

- Missing bid bond information
- Required unit price is missing.
- Required addenda's have not been downloaded.
- Required file has not been uploaded.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home ← Bid Bond Error

Required bid bond has not been entered.
Item unit price is missing.

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
383 days 17:58:04

Owner: QuestCDN - ← Bid Not Submitted
Solicitor: QuestCDN - Provider Training

← Bid Not Submitted

Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500		
PVC PIPE Total:						\$0.00
PVC FITTINGS						
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100		
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50		
6	4SDR3590	4" PVC SDR35 90 BEND	EA	100		
PVC FITTINGS Total:						\$0.00
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
ALTERNATE PIPE Total:						\$0.00
Labor						
10	Labor	Work Estimated City Labor	ea	1	\$2,000.00	\$2,000.00
Labor Total:						\$2,000.00
Base Bid Total:						\$2,000.00

← Unit Price Error

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Required addenda have not been downloaded. Download Addenda Error

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
363 days 18:25:00

Owner: QUestCDN
Solicitor: QuestCDN - Provider Training

Bid Not Submitted

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home Shelly Kahl QuestCDN

Required file has not been uploaded. Upload Required File Error

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
363 days 2:24:00

Owner: QUestCDN - Shelly
Solicitor: QuestCDN - Provider Training -!

Bid Not Submitted

Qualification Information | Bid Worksheet

Bidder must download the following files for bid submission.

On-Line Bidding - certification form.xps	download		downloaded 01-Dec-2016
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Bidder must download, complete, and submit (or replace) the following files for bid submission.

On-Line Bidding - Specifications.xps	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	Provider Training upload Plans and Spec.pdf uploaded 01-Dec-2016
On-Line Bidding - Specifications.xps	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
Quest equipment signature 001.jpg	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
On-Line Bidding Specification Form.pdf	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
Provider Training upload Plans and Spec.pdf	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	downloaded 02-Dec-2016

Upload the file

There are 2 unread addenda for this project. Follow [this link](#) to download them on QuestCDN (opens new window).

Bidder must download the following files for bid submission.

On-Line Bidding - certification form.xps	download		downloaded 01-Dec-2016
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Download the Addenda's

Make any corrections needed. Save and Submit the bid. Once your bid is submitted successfully you will receive a confirming email showing your bid was delivered (be sure to keep this email). The page message will now say **BID SUBMITTED.**

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

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The bid was successfully submitted.

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
381 days 3:06:00

Owner: QUestCDN -!
Solicitor: QuestCDN - Provider Training -Shelly

Bid Submitted 11/14/2016 08:44 AM CST Bid Submitted

Qualification Information | Bid Worksheet

Sections shown in this color are not included in the Base Bid Total
Sections shown in this color are fixed and cannot be edited by the bidder

Line Item	Item Code	Item Description	Uof/ft	Quantity	Submitted Unit Price	Extension
PVC PIPE						
1	85DR35	8" PVC SDR35 PIPE	Ln Ft	3500	\$1.85	\$6,475.00
2	65DR35	6" PVC SDR35 PIPE	Ln Ft	8500	\$1.65	\$14,025.00
3	45DR35	4" PVC SDR35 PIPE	Ln Ft	2500	\$1.45	\$3,625.00
PVC PIPE Total:						\$24,125.00
PVC FITTINGS						
4	85DR3590	8" PVC SDR35 90 Bend	ea	100	\$4.45	\$445.00
5	65DR3545	6" PVC SDR35 45 BEND	EA	50	\$3.35	\$167.50
6	45DR3590	4" PVC SDR35 90 BEND	EA	100	\$2.20	\$220.00
PVC FITTINGS Total:						\$832.50
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
Base Bid Total:						\$26,957.50

Making Changes to your Bid

- Changing Prices** - You can make changes and resubmit as many times as you need before the bid ending time. Select **Edit Worksheet** to make any changes needed. When finished select Submit Changes, enter your On-Line Bid Id code, check "I agree" and Submit. The owner of the project will only receive the last submission. If you fail to re-submit, your **changes will not be updated**.
- Un-Submit your bid** - If you need to un-submit your bid, select **Unsubmit Bid**. This will remove your bid tabulation in its entirety (all data entered will remain saved). You may re-submit your bid at any time before the end of the bid closing time. If you fail to re-submit, your bid **will not** be received by the solicitor.


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The bid was successfully submitted.

Renovation of City Hall Building (#4731649)

Owner: QQuestCDN -

Solicitor: QQuestCDN - Provider Training -

11/30/2017 12:00 PM

381 days 3:06:

Bid Submitted 11/14/2016 08:44 AM CST

Edit Worksheet
Unsubmit Bid
Save

Submitted
Edit Worksheet
Unsubmit Bid
Save

Sections shown in this color are not included in the Base Bid Total

Sections shown in this color are fixed and cannot be edited by the bidder

						Submitted	
Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension	
PVC PIPE							
1	8SDR35	8" PVC SDR35 PIPE	Ln Ft	3500	\$1.85	\$6,475.00	
2	6SDR35	6" PVC SDR35 PIPE	Ln Ft	8500	\$1.65	\$14,025.00	
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500	\$1.45	\$3,625.00	
PVC PIPE Total:						\$24,125.00	
PVC FITTINGS							
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100	\$4.45	\$445.00	
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50	\$3.35	\$167.50	
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9	4C900	4" PVC C900 PIPE	Ln Ft	2500			
Base Bid Total:						\$26,957.50	

Import from CSV
Export to CSV
Cancel
Unsubmit Bid
Unsubmit Bid