

Contract Provisions and Plans

For Construction of:

**FRIDAY CREEK BRIDGE REPAIR
(Old Hwy 99) PROJECT #ES40115-1**

Federal Aid #BHS-M291(008)

SKAGIT COUNTY PUBLIC WORKS



SCOPE OF WORK

Friday Creek Bridge Repair (Old Hwy 99) Project

Skagit County Project #ES40115-1
Federal Aid #BHS-M291(008)

This contract provides for the improvement of Friday Creek Bridge #40115 by scarifying the concrete bridge deck; preparing and repairing bridge deck surface; modifying expansion joints; furnishing, placing, finishing and curing a 2 inch modified concrete overlay; repaving asphalt approaches; traffic control; and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the 2018 Standard Specifications.

Schedule: All work is to be completed within 30 working days from Notice to Proceed.

Measurement and Payment: Each item will be per the bid proposal.

Project Location: Old Highway 99 N., 5.2 miles north of Burlington..



FRIDAY CREEK BRIDGE REPAIR (OLD HWY 99) PROJECT

Skagit County Project #ES40115-1
Federal Aid #BHS-M291(008)

SKAGIT COUNTY
DEPARTMENT OF PUBLIC WORKS
MOUNT VERNON, WASHINGTON 98273-5625

NOTICE TO ALL PLAN HOLDERS

Copies of the Plans and specifications are available at Skagit County Public Works, 1800 Continental Place, Mount Vernon, Washington 98273-5625. Telephone: (360) 416-1400. You may receive the bid information electronically; copies of the plans and specifications are available at: <http://www.skagitcounty.net/rfp>.

APPROVED:



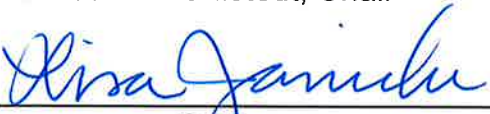
Paul A. Randall-Grutter, P.E.
County Engineer

MAPS, PLANS, AND SPECIFICATIONS APPROVED:

BOARD OF COUNTY COMMISSIONERS
SKAGIT COUNTY, WASHINGTON



Kenneth A. Dahlstedt, Chair



Lisa Janicki, Commissioner



Ron Wesen, Commissioner

FRIDAY CREEK BRIDGE REPAIR (OLD HWY 99) PROJECT

Skagit County Project #ES40115-1
Federal Aid #BHS-M291(008)

CERTIFICATION

I hereby certify that these contract documents were prepared by me or under my direct supervision, and that I am a duly registered Professional Engineers under the laws of the State of Washington.

Division 1

Engineer of Record



FRIDAY CREEK BRIDGE REPAIR (OLD HWY 99) PROJECT

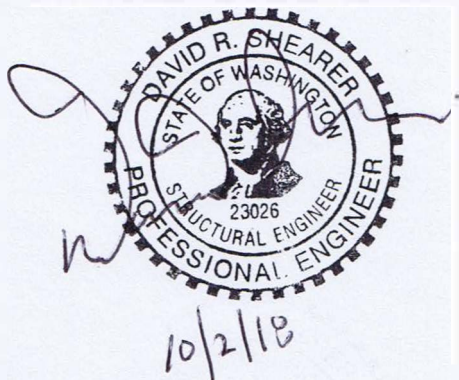
Skagit County Project #ES40115-1
Federal Aid #BHS-M291(008)

CERTIFICATION

I hereby certify that these contract documents were prepared by me or under my direct supervision, and that I am a duly registered Professional Engineers under the laws of the State of Washington.

Division 2 - 9

Engineer of Record



NOTICE OF CALL FOR BIDS

NOTICE IS HEREBY GIVEN by SKAGIT COUNTY that sealed bids will be received and publicly opened in the Commissioners' Hearing Room, 1800 Continental Place, Mount Vernon, WA 98273 on **Thursday, November 15, 2018, at the hour of 2:30 p.m.**, or as soon thereafter as possible, for the following construction work:

**PROJECT DESCRIPTION: FRIDAY CREEK BRIDGE REPAIR (OLD HWY 99)
PROJECT #ES40115-1, FEDERAL AID #BHS-M291(008)**

This contract provides for the improvement of Friday Creek Bridge #40115 by scarifying the concrete bridge deck; preparing and repairing bridge deck surface; modifying expansion joints; furnishing, placing, finishing and curing a 2 inch modified concrete overlay; repaving asphalt approaches; traffic control; and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the 2018 Standard Specifications.

The time limit for physical completion of work is a total of 20 WORKING DAYS. The Engineer's Estimate Range is \$329,940 - \$395,928.

Potential bidders shall refer to Section 1-08-5 "Time For Completion" of the special provisions for planning of the project schedule and required project completion milestones.

The Contractor is alerted that this is a Federal funded project. The Disadvantage Business Enterprise (DBE/UDBE) mandatory goal of Eight percent (8%) has been established for this project. Certification is required.

Contractor and all subcontractors shall have a contractor's license to work in the State of Washington.

Information, copies of maps, plans, specifications, and addenda for this project will be available on-line beginning **October 25, 2018**, at <http://www.skagitcounty.net/rfp> or obtained at Skagit County Public Works Department, 1800 Continental Place, Mount Vernon, Washington; (360) 416-1400. Contractors who download plans and specifications are advised to e-mail pw@co.skagit.wa.us to be added to the plan holders list to receive any addenda that may be issued.

An optional, non-mandatory pre-bid meeting will be held **Monday, November 5th at 10:30 a.m. at the project site, on the South side of Friday Creek Bridge on Old Hwy 99**. All technical questions regarding this project are to be submitted **no later than 12:00 p.m., Thursday, November 8, 2018** in writing to Jennifer Swanson, Project Manager, or by e-mail to jennifers@co.skagit.wa.us with the subject line reading, **"Friday Creek Bridge Repair (Old Hwy 99) #ES40115-1"**. All project specific questions and response to answers for this project will be available on-line as received. **All Addenda will be posted on-line by 4:30 p.m. on Friday, November 9, 2018**. If further Addenda are required to be issued, the bid opening will be postponed.

All bid envelopes must be plainly marked on the outside, **"Sealed Bid for Friday Creek Bridge Repair (Old Hwy 99) Project"**. Sealed bids shall be received by one of the following delivery methods before **Thursday, November 15, 2018, at the hour of 2:30 p.m.** Proposals are to be submitted on the forms provided in the Bid Proposal Packet. Incomplete proposals and proposals received after the time fixed for the opening cannot be considered. Oral, telephonic, telegraphic, electronic or faxed proposals will not be accepted. All bidding shall be based upon compliance with the Contract Provisions and Plans.

1. **Hand delivered:** Bids delivered in person shall be received only at the office of the SKAGIT COUNTY COMMISSIONERS, Reception Desk, 1800 Continental Place, Suite 100, Mount Vernon, WA 98273-5625.

2. **Via mail:** Bids shall be mailed to the SKAGIT COUNTY COMMISSIONERS, 1800 Continental Place, Suite 100, Mount Vernon, WA 98273-5625.

BID GUARANTY: No bid will be considered unless accompanied by a surety company bid bond, or a certified or cashier's check payable to the order of Skagit County for a sum not less than five percent (5%) of the total amount of the bid. A Contract Bond covering performance and payment will be required with the contract. Federal Davis-Bacon Wage Rates and Washington State Prevailing Wage Rates apply to this contract and bidders are advised to consider this charge when tabulating bids. The higher rate applicable category shall be paid.

Skagit County reserves the right to reject any or all bids, and the right to waive any informalities or irregularities in any bid or in any bidding and to further award the Project to the lowest, responsive, responsible bidder whose bid complies with all of the prescribed formalities, as it best serves the interest of Skagit County. After the date and hour set for the opening of bids, no bidder may withdraw its bid unless the award of the contract is delayed for a period exceeding sixty (60) calendar days following bid opening. All bidders agree to be bound by their bids until the expiration of this stated time period.

Skagit County in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 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.

For questions regarding Skagit County's Title VI Program, you may contact the Public Works Department's Title VI Liaison, Keith M. Elefson, P.E., at (360) 416-1400.

The Board of Skagit County Commissioners reserves the right to reject any or all bids.

NOTICE GIVEN BY ORDER OF THE BOARD OF SKAGIT COUNTY COMMISSIONERS this 22 day of October, 2018.


Clerk of the Board

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Daily Journal of Commerce – October 25, November 1 and November 8, 2018

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1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2018
3 Standard Specifications for Road, Bridge, and Municipal Construction.

4
5 **AMENDMENTS TO THE STANDARD SPECIFICATIONS**
6

7 The following Amendments to the Standard Specifications are made a part of this contract and
8 supersede any conflicting provisions of the Standard Specifications. For informational
9 purposes, the date following each Amendment title indicates the implementation date of the
10 Amendment or the latest date of revision.

11
12 Each Amendment contains all current revisions to the applicable section of the Standard
13 Specifications and may include references which do not apply to this particular project.

14
15 **Section 1-01, Definitions and Terms**
16 **August 6, 2018**

17 **1-01.3 Definitions**

18 The following new term and definition is inserted before the definition for "Shoulder":

19
20 **Sensitive Area** – Natural features, which may be previously altered by human activity,
21 that are present on or adjacent to the project location and protected, managed, or
22 regulated by local, tribal, state, or federal agencies.

23
24 The following new term and definition is inserted after the definition for "Working Drawings":

25
26 **WSDOT Form** – Forms developed and maintained by WSDOT that are required or
27 available for use on a project. These forms can be downloaded from the forms catalogue
28 at:

29
30 <http://wsdot.wa.gov/forms/pdfForms.html>
31

32 **Section 1-02, Bid Procedures and Conditions**
33 **April 2, 2018**

34 **1-02.4(1) General**

35 This section is supplemented with the following:

36
37 Prospective Bidders are advised that the Contracting Agency may include a partially
38 completed Washington State Department of Ecology (Ecology) Transfer of Coverage
39 (Ecology Form ECY 020-87a) for the Construction Stormwater General Permit (CSWGP)
40 as part of the Bid Documents. When the Contracting Agency requires the transfer of
41 coverage of the CSWGP to the Contractor, an informational copy of the Transfer of
42 Coverage and the associated CSWGP will be included in the appendices. As a condition
43 of Section 1-03.3, the Contractor is required to complete sections I, III, and VIII of the
44 Transfer of Coverage and return the form to the Contracting Agency.

45
46 The Contracting Agency is responsible for compliance with the CSWGP until the end of
47 day that the Contract is executed. Beginning on the day after the Contract is executed,
48 the Contractor shall assume complete legal responsibility for compliance with the CSWGP

1 and full implementation of all conditions of the CSWGP as they apply to the Contract
2 Work.

3 4 **1-02.5 Proposal Forms**

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

6
7 At the request of a Bidder, the Contracting Agency will provide a physical Proposal Form
8 for any project on which the Bidder is eligible to Bid.

9 10 **1-02.6 Preparation of Proposal**

11 Item number 1 of the second paragraph is revised to read:

- 12
13 1. A unit price for each item (omitting digits more than two places to the right of the
14 decimal point),

15
16 In the third sentence of the fourth paragraph, "WSDOT Form 422-031" is revised to read
17 "WSDOT Form 422-031U".

18
19 The following is inserted after the third sentence of the fourth paragraph:

20
21 Bidders shall submit a UDBE Broker Agreement documenting the fees or commissions
22 charged by the Broker for any Broker listed on the UDBE Utilization Certification in
23 accordance with the Special Provisions. Bidders shall submit a completed UDBE
24 Trucking Credit Form for each UDBE Trucking firm listed on the UDBE Utilization
25 Certification in accordance with the Special Provisions. WSDOT Form 272-058 is
26 available for this purpose.

27
28 The following new paragraph is inserted before the last paragraph:

29
30 The Bidder shall submit with their Bid a completed Contractor Certification Wage Law
31 Compliance form (WSDOT Form 272-009). Failure to return this certification as part of
32 the Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A
33 Contractor Certification of Wage Law Compliance form is included in the Proposal Forms.

34 35 **1-02.13 Irregular Proposals**

36 Item 1(h) is revised to read:

- 37
38 h. The Bidder fails to submit Underutilized Disadvantaged Business Enterprise Good
39 Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the
40 documentation that is submitted fails to demonstrate that a Good Faith Effort to meet
41 the Condition of Award was made;

42
43 Item 1(i) is revised to read the following three items:

- 44
45 i. The Bidder fails to submit an Underutilized Disadvantaged Business Enterprise
46 Trucking Credit Form, if applicable, as required in Section 1-02.6, or if the Form that
47 is submitted fails to meet the requirements of the Special Provisions;
48
49 j. The Bidder fails to submit an Underutilized Disadvantaged Business Enterprise
50 Broker Agreement, if applicable, as required in Section 1-02.6, or if the

- 1 documentation that is submitted fails to demonstrate that the fee/commission is
2 reasonable as determined by the Contracting Agency; or
3
4 k. The Bid Proposal does not constitute a definite and unqualified offer to meet the
5 material terms of the Bid invitation.
6

7 **Section 1-03, Award and Execution of Contract**
8 **January 2, 2018**

9 **1-03.3 Execution of Contract**

10 The first paragraph is revised to read:

11

12 Within 20 calendar days after the Award date, the successful Bidder shall return the
13 signed Contracting Agency-prepared Contract, an insurance certification as required by
14 Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer
15 of Coverage form for the Construction Stormwater General Permit with sections I, III, and
16 VIII completed when provided, and shall be registered as a contractor in the state of
17 Washington.
18

19 **1-03.5 Failure to Execute Contract**

20 The first sentence is revised to read:

21

22 Failure to return the insurance certification and bond with the signed Contract as required
23 in Section 1-03.3, or failure to provide Disadvantaged, Minority or Women's Business
24 Enterprise information if required in the Contract, or failure or refusal to sign the Contract,
25 or failure to register as a contractor in the state of Washington, or failure to return the
26 completed Transfer of Coverage for the Construction Stormwater General Permit to the
27 Contracting Agency when provided shall result in forfeiture of the proposal bond or deposit
28 of this Bidder.
29

30 **Section 1-05, Control of Work**
31 **August 6, 2018**

32 **1-05.5 Vacant**

33 This section, including title, is revised to read:

34

35 **1-05.5 Tolerances**

36 Geometrical tolerances shall be measured from the points, lines, and surfaces defined in
37 Contract documents.
38

39 A plus (+) tolerance increases the amount or dimension to which it applies, or raises a
40 deviation from level. A minus (-) tolerance decreases the amount or dimension to which it
41 applies, or lowers a deviation from level. Where only one signed tolerance is specified (+
42 or -), there is no specified tolerance in the opposing direction.
43

44 Tolerances shall not be cumulative. The most restrictive tolerance shall control.
45

46 Tolerances shall not extend the Work beyond the Right of Way or other legal boundaries
47 identified in the Contract documents. If application of tolerances causes the extension of
48 the Work beyond the Right of Way or legal boundaries, the tolerance shall be reduced for
49 that specific instance.

Tolerances shall not violate other Contract requirements. If application of tolerances causes the Work to violate other Contract requirements, the tolerance shall be reduced for that specific instance. If application of tolerances causes conflicts with other components or aspects of the Work, the tolerance shall be reduced for that specific instance.

1-05.9 Equipment

The following new paragraph is inserted before the first paragraph:

Prior to mobilizing equipment on site, the Contractor shall thoroughly remove all loose dirt and vegetative debris from drive mechanisms, wheels, tires, tracks, buckets and undercarriage. The Engineer will reject equipment from the site until it returns clean.

This section is supplemented with the following:

Upon completion of the Work, the Contractor shall completely remove all loose dirt and vegetative debris from equipment before removing it from the job site.

Section 1-06, Control of Material

January 2, 2018

1-06.1(3) Aggregate Source Approval (ASA) Database

This section is supplemented with the following:

Regardless of status of the source, whether listed or not listed in the ASA database the source owner may be asked to provide testing results for toxicity in accordance with Section 9-03.21(1).

1-06.2(2)D Quality Level Analysis

This section is supplemented with the following new subsection:

1-06.2(2)D5 Quality Level Calculation – HMA Compaction

The procedures for determining the quality level and pay factor for HMA compaction are as follows:

1. Determine the arithmetic mean, X_m , for compaction of the lot:

$$X_m = \frac{\sum x}{n}$$

Where:

x = individual compaction test values for each subplot in the lot.
 $\sum x$ = summation of individual compaction test values
n = total number test values

2. Compute the sample standard deviation, "S", for each constituent:

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$$S = \left[\frac{n \sum x^2 - (\sum x)^2}{n(n-1)} \right]^{\frac{1}{2}}$$

Where:
 $\sum x^2$ = summation of the squares of individual compaction test values
 $(\sum x)^2$ = summation of the individual compaction test values squared

3. Compute the lower quality index (Q_L):

$$Q_L = \frac{X_m - LSL}{S}$$

Where:
LSL = 91.5

4. Determine P_L (the percent within the lower Specification limit which corresponds to a given Q_L) from Table 1. For negative values of Q_L , P_L is equal to 100 minus the table P_L . If the value of Q_L does not correspond exactly to a figure in the table, use the next higher value.
5. Determine the quality level (the total percent within Specification limits):
- Quality Level = P_L
6. Using the quality level from step 5, determine the composite pay factor (CPF) from Table 2.
7. If the CPF determined from step 6 is 1.00 or greater: use that CPF for the compaction lot; however, the maximum HMA compaction CPF using an LSL = 91.5 shall be 1.05.
8. If the CPF from step 6 is not 1.00 or greater: repeat steps 3 through 6 using an LSL = 91.0. The value thus determined shall be the HMA compaction CPF for that lot; however, the maximum HMA compaction CPF using an LSL = 91.00 shall be 1.00.

1-06.2(2)D4 Quality Level Calculation

The first paragraph (excluding the numbered list) is revised to read:

The procedures for determining the quality level and pay factors for a material, other than HMA compaction, are as follows:

Section 1-07, Legal Relations and Responsibilities to the Public
August 6, 2018

1-07.5 Environmental Regulations

This section is supplemented with the following new subsections:

1 **1-07.5(5) U.S. Army Corps of Engineers**

2 When temporary fills are permitted, the Contractor shall remove fills in their entirety and
3 the affected areas returned to pre-construction elevations.
4

5 If a U.S. Army Corps of Engineers permit is noted in Section 1-07.6 of the Special
6 Provisions, the Contractor shall retain a copy of the permit or the verification letter (in the
7 case of a Nationwide Permit) on the worksite for the life of the Contract. The Contractor
8 shall provide copies of the permit or verification letter to all subcontractors involved with
9 the authorized work prior to their commencement of any work in waters of the U.S.
10

11 **1-07.5(6) U.S. Fish/Wildlife Services and National Marine Fisheries Service**

12 The Contracting Agency will provide fish exclusion and handling services if the Work
13 dictates. However, if the Contractor discovers any fish stranded by the project and a
14 Contracting Agency biologist is not available, they shall immediately release the fish into
15 a flowing stream or open water.
16

17 **1-07.5(1) General**

18 The first sentence is deleted and replaced with the following:
19

20 No Work shall occur within areas under the jurisdiction of resource agencies unless
21 authorized in the Contract.
22

23 The third paragraph is deleted.
24

25 **1-07.5(2) State Department of Fish and Wildlife**

26 This section is revised to read:
27

28 In doing the Work, the Contractor shall:
29

- 30 1. Not degrade water in a way that would harm fish, wildlife, or their habitat.
- 31
- 32 2. Not place materials below or remove them from the ordinary high water line
33 except as may be specified in the Contract.
34
- 35 3. Not allow equipment to enter waters of the State except as specified in the
36 Contract.
37
- 38 4. Revegetate in accordance with the Plans, unless the Special Provisions permit
39 otherwise.
40
- 41 5. Prevent any fish-threatening silt buildup on the bed or bottom of any body of
42 water.
43
- 44 6. Ensure continuous stream flow downstream of the Work area.
45
- 46 7. Dispose of any project debris by removal, burning, or placement above high-
47 water flows.
48
- 49 8. Immediately notify the Engineer and stop all work causing impacts, if at any time,
50 as a result of project activities, fish are observed in distress or a fish kill occurs.
51

1 If the Work in (1) through (3) above differs little from what the Contract requires, the
2 Contracting Agency will measure and pay for it at unit Contract prices. But if Contract
3 items do not cover those areas, the Contracting Agency will pay pursuant to Section 1-
4 09.4. Work in (4) through (8) above shall be incidental to Contract pay items.

6 **1-07.5(3) State Department of Ecology**

7 This section is revised to read:

8
9 In doing the Work, the Contractor shall:

- 10 1. Comply with Washington State Water Quality Standards.
- 11 2. Perform Work in such a manner that all materials and substances not specifically
12 identified in the Contract documents to be placed in the water do not enter
13 waters of the State, including wetlands. These include, but are not limited to,
14 petroleum products, hydraulic fluid, fresh concrete, concrete wastewater,
15 process wastewater, slurry materials and waste from shaft drilling, sediments,
16 sediment-laden water, chemicals, paint, solvents, or other toxic or deleterious
17 materials.
- 18 3. Use equipment that is free of external petroleum-based products.
- 19 4. Remove accumulations of soil and debris from drive mechanisms (wheels,
20 tracks, tires) and undercarriage of equipment prior to using equipment below the
21 ordinary high water line.
- 22 5. Clean loose dirt and debris from all materials placed below the ordinary high
23 water line. No materials shall be placed below the ordinary high water line
24 without the Engineer's concurrence.
- 25 6. When a violation of the Construction Stormwater General Permit (CSWGP)
26 occurs, immediately notify the Engineer and fill out WSDOT Form 422-011,
27 Contractor ECAP Report, and submit the form to the Engineer within 48 hours
28 of the violation.
- 29 7. Once Physical Completion has been given, prepare a Notice of Termination
30 (Ecology Form ECY 020-87) and submit the Notice of Termination electronically
31 to the Engineer in a PDF format a minimum of 7 calendar days prior to submitting
32 the Notice of Termination to Ecology.
- 33 8. Transfer the CSWGP coverage to the Contracting Agency when Physical
34 Completion has been given and the Engineer has determined that the project
35 site is not stabilized from erosion.
- 36 9. Submit copies of all correspondence with Ecology electronically to the Engineer
37 in a PDF format within four calendar days.

48 **1-07.5(4) Air Quality**

49 This section is revised to read:

1 The Contractor shall comply with all regional clean air authority and/or State Department
2 of Ecology rules and regulations.
3
4 The air quality permit process may include additional State Environment Policy Act
5 (SEPA) requirements. Contractors shall contact the appropriate regional air pollution
6 control authority well in advance of beginning Work.
7
8 When the Work includes demolition or renovation of any existing facility or structure that
9 contains Asbestos Containing Material (ACM) and/or Presumed Asbestos-Containing
10 Material (PACM), the Contractor shall comply with the National Emission Standards for
11 Hazardous Air Pollutants (NESHAP).
12
13 Any requirements included in Federal and State regulations regarding air quality that
14 applies to the “owner or operator” shall be the responsibility of the Contractor.
15
16 **1-07.7(1) General**
17 The first sentence of the third paragraph is revised to read:
18
19 When the Contractor moves equipment or materials on or over Structures, culverts or
20 pipes, the Contractor may operate equipment with only the load-limit restrictions in
21 Section 1-07.7(2).
22
23 The first sentence of the last paragraph is revised to read:
24
25 Unit prices shall cover all costs for operating over Structures, culverts and pipes.
26
27 **1-07.9(1) General**
28 The last sentence of the sixth paragraph is revised to read:
29
30 Generally, the Contractor initiates the request by preparing standard form 1444 Request
31 for Authorization of Additional Classification and Rate, available at
32 <https://www.dol.gov/whd/recovery/dbsurvey/conformance.htm>, and submitting it to the
33 Engineer for further action.
34
35 **1-07.9(2) Posting Notices**
36 The second sentence of the first paragraph (up until the colon) is revised to read:
37
38 The Contractor shall ensure the most current edition of the following are posted:
39
40 In items 1 through 10, the revision dates are deleted.
41
42 **1-07.11(2) Contractual Requirements**
43 In this section, “creed” is revised to read “religion”.
44
45 Item numbers 1 through 9 are revised to read 2 through 10, respectively.
46
47 After the preceding Amendment is applied, the following new item number 1 is inserted:
48
49 1. The Contractor shall maintain a Work site that is free of harassment, humiliation, fear,
50 hostility and intimidation at all times. Behaviors that violate this requirement include
51 but are not limited to:

- a. Persistent conduct that is offensive and unwelcome.
- b. Conduct that is considered to be hazing.
- c. Jokes about race, gender, or sexuality that are offensive.
- d. Unwelcome, unwanted, rude or offensive conduct or advances of a sexual nature which interferes with a person's ability to perform their job or creates an intimidating, hostile, or offensive work environment.
- e. Language or conduct that is offensive, threatening, intimidating or hostile based on race, gender, or sexual orientation.
- f. Repeating rumors about individuals in the Work Site that are considered to be harassing or harmful to the individual's reputation.

1-07.11(5) Sanctions

This section is supplemented with the following:

Immediately upon the Engineer's request, the Contractor shall remove from the Work site any employee engaging in behaviors that promote harassment, humiliation, fear or intimidation including but not limited to those described in these specifications.

1-07.11(6) Incorporation of Provisions

The first sentence is revised to read:

The Contractor shall include the provisions of Section 1-07.11(2) Contractual Requirements (1) through (5) and the Section 1-07.11(5) Sanctions in every subcontract including procurement of materials and leases of equipment.

1-07.15(1) Spill Prevention, Control, and Countermeasures Plan

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

An SPCC Plan template and guidance information is available at <http://www.wsdot.wa.gov/environment/technical/disciplines/hazardous-materials/spill-prevent-report>.

1-07.18 Public Liability and Property Damage Insurance

Item number 1 is supplemented with the following new sentence:

This policy shall be kept in force from the execution date of the Contract until the Physical Completion Date.

Section 1-08, Prosecution and Progress August 6, 2018

1-08.1 Subcontracting

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

1 All Work that is not performed by the Contractor will be considered as subcontracting
2 except: purchase of sand, gravel, crushed stone, crushed slag, batched concrete
3 aggregates, ready-mix concrete, off-site fabricated structural steel, other off-site
4 fabricated items, and any other materials supplied by established and recognized
5 commercial plants; or (2) delivery of these materials to the Work site in vehicles owned
6 or operated by such plants or by recognized independent or commercial hauling
7 companies hired by those commercial plants.
8

9 **1-08.5 Time for Completion**

10 Item number 2 of the sixth paragraph is supplemented with the following:

- 11
12 f. A copy of the Notice of Termination sent to the Washington State Department of
13 Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the
14 Notice of Termination by Ecology; and no rejection of the Notice of Termination by
15 Ecology. This requirement will not apply if the Construction Stormwater General
16 Permit is transferred back to the Contracting Agency in accordance with Section 8-
17 01.3(16).
18

19 **1-08.7 Maintenance During Suspension**

20 The fifth paragraph is revised to read:

21
22 The Contractor shall protect and maintain all other Work in areas not used by traffic. All
23 costs associated with protecting and maintaining such Work shall be the responsibility of
24 the Contractor.
25

26 **Section 1-09, Measurement and Payment**

27 **August 6, 2018**

28 **1-09.2(1) General Requirements for Weighing Equipment**

29 The last paragraph is supplemented with the following:

30
31 When requested by the Engineer, the Contractor's representative shall collect the tickets
32 throughout the day and provide them to the Engineer's designated receiver, not later than
33 the end of shift, for reconciliation. Tickets for loads not verified as delivered will receive
34 no pay.
35

36 **1-09.2(2) Specific Requirements for Batching Scales**

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

38
39 Batching scales used for concrete or hot mix asphalt shall not be used for batching
40 other materials.
41

42 **1-09.10 Payment for Surplus Processed Materials**

43 The following sentence is inserted after the first sentence of the second paragraph:

44
45 For Hot Mix Asphalt, the Plan quantity and quantity used will be adjusted for the quantity
46 of Asphalt and quantity of RAP or other materials incorporated into the mix.
47

1 **Section 2-02, Removal of Structures and Obstructions**

2 **April 2, 2018**

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

4 In item number 3 of the first paragraph, the second sentence is revised to read:

5

6 For concrete pavement removal, a second vertical full depth relief saw cut offset 12 to 18
7 inches from and parallel to the initial saw cut is also required, unless the Engineer allows
8 otherwise.

9

10 **Section 2-09, Structure Excavation**

11 **April 2, 2018**

12 **2-09.2 Materials**

13 In the first paragraph, the references to “Portland Cement” and “Aggregates for Portland
14 Cement Concrete” are revised to read:

15

16	Cement	9-01
17	Fine Aggregate for Concrete	9-03.1(2)

18

19 **2-09.3(3)D Shoring and Cofferdams**

20 The first sentence of the sixth paragraph is revised to read:

21

22 Structural shoring and cofferdams shall be designed for conditions stated in this Section
23 using methods shown in Division I Section 5 of the AASHTO *Standard Specifications for*
24 *Highway Bridges* Seventeenth Edition – 2002 for allowable stress design, or the AASHTO
25 *LRFD Bridge Design Specifications* for load and resistance factor design.

26

27 **Section 3-01, Production from Quarry and Pit Sites**

28 **April 2, 2018**

29 **3-01.1 Description**

30 The first paragraph is revised to read:

31

32 This Work shall consist of manufacturing and producing crushed and screened
33 aggregates including pit run aggregates of the kind, quality, and grading specified for use
34 in the construction of concrete, hot mix asphalt, crushed surfacing, maintenance rock,
35 ballast, gravel base, gravel backfill, gravel borrow, riprap, and bituminous surface
36 treatments of all descriptions.

37

38 **Section 4-04, Ballast and Crushed Surfacing**

39 **April 2, 2018**

40 **4-04.3(5) Shaping and Compaction**

41 This section is supplemented with the following new paragraph:

42

43 When using 100% Recycled Concrete Aggregate, the Contractor may submit a written
44 request to use a test point evaluation for compaction acceptance testing in lieu of
45 compacting to 95% of the standard density as determined by the requirements of Section
46 2-03.3(14)D. The test point evaluation shall be performed in accordance with SOP 738.

Section 5-01, Cement Concrete Pavement Rehabilitation
August 6, 2018

5-01.2 Materials

The section reference for Concrete Patching Material is revised to read "9-20.1".

5-01.3(1)A1 Concrete Patching Materials

In this section, each reference to "9-20" is revised to read "9-20.1".

5-01.3(4) Replace Cement Concrete Panel

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

If the replacement panel is located in an area that will be ground as part of concrete pavement grinding in accordance with Section 5-01.3(9), the surface smoothness shall be measured, by the Contractor, in conjunction with the smoothness measurement done in accordance with Section 5-01.3(10).

Section 5-04, Hot Mix Asphalt
April 2, 2018

5-04.1 Description

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

The manufacture of HMA may include additives or processes that reduce the optimum mixing temperature (Warm Mix Asphalt) or serve as a compaction aid in accordance with these Specifications.

5-04.2 Materials

The reference to "Warm Mix Asphalt Additive" is revised to read "HMA Additive".

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

The last bullet in the first paragraph is revised to read:

- Do not include HMA additives that reduce the optimum mixing temperature or serve as a compaction aid when developing a mix design or submitting a mix design for QPL evaluation. The use of HMA additives is not part of the process for obtaining approval for listing a mix design on the QPL. Refer to Section 5-04.2(2)B.

In the table, "WSDOT Standard Practice QC-8" is revised to read "WSDOT Standard Practice QC-8 located in the WSDOT Materials Manual M 46-01".

5-04.2(1)C Mix Design Resubmittal for QPL Approval

Item number 3 of the first paragraph is revised to read:

3. Changes in modifiers used in the asphalt binder.

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

This section, including title, is revised to read:

1 **5-04.2(2)B Using HMA Additives**

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

- 6
- 7 • Do not use additives that reduce the mixing temperature in accordance with
8 Section 5-04.3(6) in the production of High RAP/Any RAS mixtures.
 - 9
 - 10 • Before using additives, obtain the Engineer’s approval using WSDOT Form 350-
11 076 to describe the proposed additive and process.
 - 12

13 **5-04.3(3)A Mixing Plant**

14 In item number 5 of the first paragraph, “WSDOT T 168” is revised to read “FOP for AASHTO
15 T 168”.

16

17 **5-04.3(4) Preparation of Existing Paved Surfaces**

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

19

20 Unless otherwise allowed by the Engineer, use cationic emulsified asphalt CSS-1, CSS-
21 1h, or Performance Graded (PG) asphalt for tack coat.

22

23 **5-04.3(6) Mixing**

24 The first paragraph is revised to read:

25

26 The asphalt supplier shall introduce recycling agent and anti-stripping additive, in the
27 amount designated on the QPL for the mix design, into the asphalt binder prior to
28 shipment to the asphalt mixing plant.

29

30 The seventh paragraph is revised to read:

31

32 Upon discharge from the mixer, ensure that the temperature of the HMA does not exceed
33 the optimum mixing temperature shown on the accepted Mix Design Report by more than
34 25°F, or as allowed by the Engineer. When an additive is included in the manufacture of
35 HMA, do not heat the additive (at any stage of production including in binder storage
36 tanks) to a temperature higher than the maximum recommended by the manufacturer of
37 the additive.

38

39 **5-04.3(7) Spreading and Finishing**

40 The last row of the table is revised to read:

41

$\frac{3}{8}$ inch	0.25 feet	0.30 feet
--------------------	-----------	-----------

42

43 **5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA**

44 The following new paragraph is inserted after the first paragraph:

45

46 The Contracting Agency’s combined aggregate bulk specific gravity (Gsb) blend as shown
47 on the HMA Mix Design will be used for VMA calculations until the Contractor submits a
48 written request for a Gsb test. The new Gsb will be used in the VMA calculations for HMA
49 from the date the Engineer receives the written request for a Gsb retest. The Contractor
50 may request aggregate specific gravity (Gsb) testing be performed by the Contracting

Agency twice per project. The Gsb blend of the combined stockpiles will be used to calculate voids in mineral aggregate (VMA) of any HMA produced after the new Gsb is determined.

5-04.3(9)A1 Test Section – When Required, When to Stop

The following new row is inserted after the second row in Table 9:

VMA	Minimum PF_i of 0.95 based on the criteria in Section 5-04.3(9)B4 ²	None ⁴
-----	--	-------------------

5-04.3(9)A2 Test Section – Evaluating the HMA Mixture in a Test Section

In Table 9a, the test property “Gradation, Asphalt Binder, and V_a ” is revised to read “Gradation, Asphalt Binder, VMA, and V_a ”

5-04.3(9)B3 Mixture Statistical Evaluation – Acceptance Testing

In Table 11, “ V_a ” is revised to read “VMA and V_a ”

5-04.3(9)B5 Mixture Statistical Evaluation – Composite Pay Factors (CPF)

The following new row is inserted above the last row in Table 12:

Voids in Mineral Aggregate (VMA)	2
----------------------------------	---

5-04.3(9)B7 Mixture Statistical Evaluation – Retests

The second to last sentence is revised to read:

The sample will be tested for a complete gradation analysis, asphalt binder content, VMA and V_a , and the results of the retest will be used for the acceptance of the HMA mixture in place of the original mixture subplot sample test results.

5-04.3(10)C1 HMA Compaction Statistical Evaluation – Lots and Sublots

The bulleted item in the fourth paragraph is revised to read:

- For a compaction lot in progress with a compaction CPF less than 0.75 using an LSL = 91.0, a new compaction lot will begin at the Contractor’s request after the Engineer is satisfied that material conforming to the Specifications can be produced. See also Section 5-04.3(11)F.

5-04.3(10)C2 HMA Compaction Statistical Evaluation – Acceptance Testing

In the table, “WSDOT FOP for AASHTO T 355” is revised to read “FOP for AASHTO T 355”.

5-04.3(10)C3 HMA Statistical Compaction – Price Adjustments

In the first paragraph, “WSDOT FOP for AASHTO T 355” is revised to read “FOP for AASHTO T 355”.

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

For each HMA compaction lot (that is accepted by Statistical Evaluation) which does not meet the criteria in the preceding paragraph, the compaction lot shall be evaluated in

1 accordance with Section 1-06.2(2)D5 to determine the appropriate Composite Pay Factor
2 (CPF).
3

4 The last two paragraphs are revised to read:
5

6 Determine the Compaction Price Adjustment (CPA) from the table below, selecting the
7 equation for CPA that corresponds to the value of CPF determined above.
8

Calculating HMA Compaction Price Adjustment (CPA)	
Value of CPF	Equation for Calculating CPA
When CPF > 1.00	CPA = [0.80 x (CPF – 1.00)] x Q x UP
When CPF = 1.00	CPA = \$0
When CPF < 1.0	CPA = [0.40 x (CPF – 1.00)] x Q x UP

9

10 Where

11 CPA = Compaction Price Adjustment for the compaction lot (\$)

12 CPF = Composite Pay Factor for the compaction lot (maximum is 1.05)

13 Q = Quantity in the compaction lot (tons)

14 UP = Unit price of the HMA in the compaction lot (\$/ton)
15

16 **5-04.3(13) Surface Smoothness**

17 The second to last paragraph is revised to read:
18

19 When concrete pavement is to be placed on HMA, the surface tolerance of the HMA shall
20 be such that no surface elevation lies above the Plan grade minus the specified Plan
21 depth of concrete pavement. Prior to placing the concrete pavement, bring any such
22 irregularities to the required tolerance by grinding or other means allowed by the Engineer.
23

24 **5-04.5 Payment**

25 The paragraph following the Bid item “Crack Sealing-LF”, per linear foot is revised to read:
26

27 The unit Contract price per linear foot for “Crack Sealing-LF” shall be full payment for all
28 costs incurred to perform the Work described in Section 5-04.3(4)A.
29

30 **Section 5-05, Cement Concrete Pavement**

31 **August 6, 2018**

32 **5-05.1 Description**

33 In the first paragraph, “portland cement concrete” is revised to read “cement concrete”.
34

35 **5-05.2 Materials**

36 In the first paragraph, the reference to “Portland Cement” is revised to read:
37

38 Cement 9-01
39

40 In the first paragraph, the section reference for Concrete Patching Material is revised to read
41 “9-20.1”.
42

1 **5-05.3(1) Concrete Mix Design for Paving**

2 The table title in item number 4 is revised to read **Concrete Batch Weights**.

3
4 In item 4a, "Portland Cement" is revised to read "Cement".

5
6 **5-05.3(4) Measuring and Batching Materials**

7 Item number 2 is revised to read:

- 8
9 2. **Batching Materials** – On all projects requiring more than 2,500 cubic yards of
10 concrete for paving, the batching plant shall be equipped to proportion aggregates
11 and cement by weight by means of automatic and interlocked proportioning devices
12 of accepted type.

13
14 **5-05.3(4)A Acceptance of Portland Cement Concrete Pavement**

15
16 This section's title is revised to read:

17
18 **Acceptance of Portland Cement or Blended Hydraulic Cement Concrete**
19 **Pavement**

20
21 The first sentence is revised to read:

22
23 Acceptance of portland cement or blended hydraulic cement concrete pavement shall be
24 as provided under statistical or nonstatistical acceptance.

25
26 **5-05.4 Measurement**

27 The last paragraph is revised to read:

28
29 The calculation for cement concrete compliance adjustment is the volume of concrete
30 represented by the CPF and the Thickness deficiency adjustment.

31
32 **5-05.5 Payment**

33 The bid item "Portland Cement Concrete Compliance Adjustment", by calculation, and the
34 paragraph following this bid item are revised to read:

35
36 "Cement Concrete Compliance Adjustment", by calculation.

37
38 Payment for "Cement Concrete Compliance Adjustment" will be calculated by multiplying
39 the unit Contract price for the cement concrete pavement, times the volume for
40 adjustment, times the percent of adjustment determined from the calculated CPF and the
41 Deficiency Adjustment listed in Section 5-05.5(1)A.

42
43 **Section 6-01, General Requirements for Structures**
44 **August 6, 2018**

45 This section is supplemented with the following new subsections:

6-01.16 Repair of Defective Work

6-01.16(1) General

When using repair procedures that are described elsewhere in the Contract Documents, the Working Drawing submittal requirements of this Section shall not apply to those repairs unless noted otherwise.

Repair procedures for defective Work shall be submitted as Type 2 Working Drawings. Type 2E Working Drawings shall be submitted when required by the Engineer. As an alternative to submitting Type 2 or 2E Working Drawings, defective Work within the limits of applicability of a pre-approved repair procedure may be repaired using that procedure. Repairs using a pre-approved repair procedure shall be submitted as a Type 1 Working Drawing.

Pre-approved repair procedures shall consist of the following:

- The procedures listed in Section 6-01.16(2)
- For precast concrete, repair procedures in the annual plant approval process documents that have been approved for use by the Contracting Agency.

All Working Drawings for repair procedures shall include:

- A description of the defective Work including location, extent and pictures
- Materials to be used in the repair. Repairs using manufactured products shall include written manufacturer recommendations for intended uses of the product, surface preparation, mixing, aggregate extension (if applicable), ambient and surface temperature limits, placement methods, finishing and curing.
- Construction procedures
- Plan details of the area to be repaired
- Calculations for Type 2E Working Drawings

Material manufacturer's instructions and recommendations shall supersede any conflicting requirements in pre-approved repair procedures.

The Engineer shall be notified prior to performing any repair procedure and shall be given an opportunity to inspect the repair work being performed.

6-01.16(2) Pre-Approved Repair Procedures

6-01.16(2)A Concrete Spalls and Poor Consolidation (Rock Pockets, Honeycombs, Voids, etc.)

This repair shall be limited to the following areas:

- Areas that are not on top Roadway surfaces (with or without an overlay) including but not limited to concrete bridge decks, bridge approach slabs or cement concrete pavement

- Areas that are not underwater
- Areas that are not on precast barrier, except for the bottom 4 inches (but not to exceed 1 inch above blockouts)
- Areas that do not affect structural adequacy as determined by the Engineer.

The repair procedure is as follows:

1. Remove all loose and unsound concrete. Impact breakers shall not exceed 15 pounds in weight when removing concrete adjacent to reinforcement or other embedments and shall not exceed 30 pounds in weight otherwise. Operate impact breakers at angles less than 45 degrees as measured from the surface of the concrete to the tool and moving away from the edge of the defective Work. Concrete shall be completely removed from exposed surfaces of existing steel reinforcing bars. If half or more of the circumference of any steel reinforcing bar is exposed, if the reinforcing bar is loose or if the bond to existing concrete is poor then concrete shall be removed at least $\frac{3}{4}$ inch behind the reinforcing bar. Do not damage any existing reinforcement. Stop work and allow the Engineer to inspect the repair area after removing all loose and unsound concrete. Submit a modified repair procedure when required by the Engineer.
2. Square the edges of the repair area by cutting an edge perpendicular to the concrete surface around the repair area. The geometry of the repair perimeter shall minimize the edge length and shall be rectangular with perpendicular edges, avoiding reentrant corners. The depth of the cut shall be a minimum of $\frac{3}{4}$ inch, but shall be reduced if necessary to avoid damaging any reinforcement. For repairs on vertical surfaces, the top edge shall slope up toward the front at a 1-vertical-to-3-horizontal slope.
3. Remove concrete within the repair area to a depth at least matching the cut depth at the edges. Large variations in the depth of removal within short distances shall be avoided. Roughen the concrete surface. The concrete surface should be roughened to at least Concrete Surface Profile (CSP) 5 in accordance with ICRI Guideline No. 310.2R, unless a different CSP is recommended by the patching material manufacturer.
4. Inspect the concrete repair surface for delaminations, debonding, microcracking and voids using hammer tapping or a chain drag. Remove any additional loose or unsound concrete in accordance with steps 1 through 3.
5. Select a patching material in accordance with Section 9-20.2 that is appropriate for the repair location and thickness. The concrete patching material shall be pumpable or self-consolidating as required for the

1 type of placement that suits the repair. The patching material shall have
2 a minimum compressive strength at least equal to the specified
3 compressive strength of the concrete.
4

- 5 6. Prepare the concrete surface and reinforcing steel in accordance with
6 the patching material manufacturer's recommendations. At a minimum,
7 clean the concrete surfaces (including perimeter edges) and reinforcing
8 steel using oil-free abrasive blasting or high-pressure (minimum 5,000
9 psi) water blasting. All dirt, dust, loose particles, rust, laitance, oil, film,
10 microcracked/bruised concrete or foreign material of any sort shall be
11 removed. Damage to the epoxy coating on steel reinforcing bars shall
12 be repaired in accordance with Section 6-02.3(24)H.
13
- 14 7. Construct forms if necessary, such as for patching vertical or overhead
15 surfaces or where patching extends to the edge or corner of a
16 placement.
17
- 18 8. When recommended by the patching material manufacturer, saturate
19 the concrete in the repair area and remove any free water at the
20 concrete surface to obtain a saturated surface dry (SSD) substrate.
21 When recommended by the patching material manufacturer, apply a
22 primer, scrub coat or bonding agent to the existing surfaces. Epoxy
23 bonding agents, if used, shall be Type II or Type V in accordance with
24 Section 9-26.1.
25
- 26 9. Place and consolidate the patching material in accordance with the
27 manufacturer's recommendations. Work the material firmly into all
28 surfaces of the repair area with sufficient pressure to achieve proper
29 bond to the concrete.
30
- 31 10. The patching material shall be textured, cured and finished in
32 accordance with the patching material manufacturer's
33 recommendations and/or the requirements for the repaired component.
34 Protect the newly placed patch from vibration in accordance with
35 Section 6-02.3(6)D.
36
- 37 11. When the completed repair does not match the existing concrete color
38 and will be visible to the public, a sand and cement mixture that is color
39 matched to the existing concrete shall be rubbed, brushed, or applied
40 to the surface of the patching material and the concrete.
41

42 **6-01.10 Utilities Supported by or Attached to Bridges**

43 In the third paragraph, "Federal Standard 595" is revised to read "SAE AMS Standard 595".
44

45 **6-01.12 Final Cleanup**

46 The second paragraph is deleted.
47

1 **Section 6-02, Concrete Structures**

2 **August 6, 2018**

3 **6-02.1 Description**

4 The first sentence is revised to read:

5

6 This Work consists of the construction of all Structures (and their parts) made of portland
7 cement or blended hydraulic cement concrete with or without reinforcement, including
8 bridge approach slabs.

9

10 **6-02.2 Materials**

11 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland
12 Cement Concrete" are revised to read:

13

14	Cement	9-01
15	Aggregates for Concrete	9-03.1

16

17 **6-02.3(2) Proportioning Materials**

18 The second paragraph is revised to read:

19

20 Unless otherwise specified, the Contractor shall use Type I or II portland cement or
21 blended hydraulic cement in all concrete as defined in Section 9-01.2(1).

22

23 **6-02.3(2)A Contractor Mix Design**

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

25

26 For all other concrete, air content shall be a minimum of 4.5 percent and a maximum of
27 7.5 percent for all concrete placed above the finished ground line unless noted otherwise.

28

29 **6-02.3(2)A1 Contractor Mix Design for Concrete Class 4000D**

30 Item number 5 of the first paragraph is deleted.

31

32 Item number 6 of the first paragraph (after the preceding Amendment is applied) is
33 renumbered to 5.

34

35 **6-02.3(2)B Commercial Concrete**

36 The second paragraph is revised to read:

37

38 Where concrete Class 3000 is specified for items such as, culvert headwalls, plugging
39 culverts, concrete pipe collars, pipe anchors, monument cases, Type PPB, PS, I, FB and
40 RM signal standards, pedestals, cabinet bases, guardrail anchors, fence post footings,
41 sidewalks, concrete curbs, curbs and gutters, and gutters, the Contractor may use
42 commercial concrete. If commercial concrete is used for sidewalks, concrete curbs, curbs
43 and gutters, and gutters, it shall have a minimum cementitious material content of 564
44 pounds per cubic yard of concrete, shall be air entrained, and the tolerances of Section
45 6-02.3(5)C shall apply.

46

47 **6-02.3(4) Ready-Mix Concrete**

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

49

1 All concrete, except lean concrete, shall be batched in a prequalified manual, semi-
2 automatic, or automatic plant as described in Section 6-02.3(4)A.

3
4 **6-02.3(4)D Temperature and Time For Placement**

5 The following is inserted after the first sentence of the first paragraph:

6
7 The upper temperature limit for placement for Class 4000D concrete may be increased
8 to a maximum of 80°F if allowed by the Engineer.

9
10 **6-02.3(5)C Conformance to Mix Design**

11 Item number 1 of the second paragraph is revised to read:

- 12
13 1. Cement weight plus 5 percent or minus 1 percent of that specified in the mix design.

14
15 **6-02.3(6)A1 Hot Weather Protection**

16 The first paragraph is revised to read:

17
18 The Contractor shall provide concrete within the specified temperature limits. Cooling of
19 the coarse aggregate piles by sprinkling with water is permitted provided the moisture
20 content is monitored, the mixing water is adjusted for the free water in the aggregate and
21 the coarse aggregate is removed from at least 1 foot above the bottom of the pile.
22 Sprinkling of fine aggregate piles with water is not allowed. Refrigerating mixing water or
23 replacing all or part of the mixing water with crushed ice is permitted, provided the ice is
24 completely melted by placing time.

25
26 The second sentence of the second paragraph is revised to read:

27
28 These surfaces include forms, reinforcing steel, steel beam flanges, and any others that
29 touch the concrete.

30
31 **6-02.3(7) Vacant**

32 This section, including title, is revised to read:

33
34 **6-02.3(7) Tolerances**

35 Unless noted otherwise, concrete construction tolerances shall be in accordance with this
36 section. Tolerances in this section do not apply to cement concrete pavement.

37
38 Horizontal deviation of roadway crown points, cross-slope break points, and curb, barrier
39 or railing edges from alignment or work line: ± 1.0 inch

40
41 Deviation from plane: ± 0.5 inch in 10 feet

42
43 Deviation from plane for roadway surfaces: ± 0.25 inch in 10 feet

44
45 Deviation from plumb or specified batter: ± 0.5 inch in 10 feet, but not to exceed a total of
46 ± 1.5 inches

47
48 Vertical deviation from profile grade for roadway surfaces: ± 1 inch

49
50 Vertical deviation of top surfaces (except roadway surfaces): ± 0.75 inch

51

- 1 Thickness of bridge decks and other structural slabs not at grade: ± 0.25 inch
- 2
- 3 Length, width and thickness of elements such as columns, beams, crossbeams,
- 4 diaphragms, corbels, piers, abutments and walls, including dimensions to construction
- 5 joints in initial placements: $+0.5$ inch, -0.25 inch
- 6
- 7 Length, width and thickness of spread footing foundations: $+2$ inches, -0.5 inch
- 8
- 9 Horizontal location of the as-placed edge of spread footing foundations: The greater of
- 10 $\pm 2\%$ of the horizontal dimension of the foundation perpendicular to the edge and ± 0.5
- 11 inch. However, the tolerance shall not exceed ± 2 inches.
- 12
- 13 Location of opening, insert or embedded item at concrete surface: ± 0.5 inch
- 14
- 15 Cross-sectional dimensions of opening: ± 0.5 inch
- 16
- 17 Bridge deck, bridge approach slab, and bridge traffic barrier expansion joint gaps with a
- 18 specified temperature range, measured at a stable temperature: ± 0.25 inch
- 19
- 20 Horizontal deviation of centerline of bearing pad, oak block or other bearing assembly:
- 21 ± 0.125 inch
- 22
- 23 Horizontal deviation of centerline of supported element from centerline of bearing pad,
- 24 oak block or other bearing assembly ± 0.25 inch
- 25
- 26 Vertical deviation of top of bearing pad, oak block or other bearing assembly: ± 0.125 inch
- 27

28 **6-02.3(10)C Finishing Equipment**

29 The first paragraph is revised to read:

30

31 The finishing machine shall be self-propelled and be capable of forward and reverse

32 movement under positive control. The finishing machine shall be equipped with augers

33 and a rotating cylindrical single or double drum screed. The finishing machine shall have

34 the necessary adjustments to produce the required cross section, line, and grade. The

35 finishing machine shall be capable of raising the screeds, augers, and any other parts of

36 the finishing mechanical operation to clear the screeded surface, and returning to the

37 specified grade under positive control. Unless otherwise allowed by the Engineer, a

38 finishing machine manufacturer technical representative shall be on site to assist the first

39 use of the machine on the Contract.

40

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

42

43 For bridge deck widening of 20 feet or less, and for bridge approach slabs, or where

44 jobsite conditions do not allow the use of the conventional configuration finishing

45 machines, or modified conventional machines as described above; the Contractor may

46 submit a Type 2 Working Drawing proposing the use of a hand-operated motorized power

47 screed such as a "Texas" or "Bunyan" screed.

48

49 **6-02.3(10)D4 Monitoring Bridge Deck Concrete Temperature After Placement**

50 This section, including title, is revised to read:

51

1 **6-02.3(10)D4 Vacant**

2
3 **6-02.3(10)D5 Bridge Deck Concrete Finishing and Texturing**

4 In the third subparagraph of the first paragraph, the last sentence is revised to read:

5
6 The Contractor shall texture the bridge deck surface to within 3-inches minimum and 24-
7 inches maximum of the edge of concrete at expansion joints, within 1-foot minimum and
8 2-feet maximum of the curb line, and within 3-inches minimum and 9-inches maximum of
9 the perimeter of bridge drain assemblies.

10
11 **6-02.3(10)F Bridge Approach Slab Orientation and Anchors**

12 The second to last paragraph is revised to read:

13
14 The compression seal shall be a 2½ inch wide gland and shall conform to Section 9-
15 04.1(4).

16
17 The last paragraph is deleted.

18
19 **6-02.3(13)A Strip Seal Expansion Joint System**

20 In item number 3 of the third paragraph, “Federal Standard 595” is revised to read “SAE AMS
21 Standard 595”.

22
23 **6-02.3(13)B Compression Seal Expansion Joint System**

24 The first paragraph is revised to read:

25
26 Compression seal glands shall conform to Section 9-04.1(4) and be sized as shown in
27 the Plans.

28
29 **6-02.3(23) Opening to Traffic**

30 This section is supplemented with the following new paragraph:

31
32 After curing bridge approach slabs in accordance with Section 6-02.3(11), the
33 bridge approach slabs may be opened to traffic when a minimum compressive strength
34 of 2,500 psi is achieved.

35
36 **6-02.3(24)C Placing and Fastening**

37 This section is revised to read:

38
39 The Contractor shall position reinforcing steel as the Plans require and shall ensure that
40 the steel is set within specified tolerances. Adjustments to reinforcing details outside of
41 specified tolerances to avoid interferences and for other purposes are acceptable when
42 approved by the Engineer.

43
44 When spacing between bars is 1 foot or more, they shall be tied at all intersections. When
45 spacing is less than 1 foot, every other intersection shall be tied. If the Plans require
46 bundled bars, they shall be tied together with wires at least every 6 feet. All epoxy-coated
47 bars in the top mat of the bridge deck shall be tied at all intersections, however they may
48 be tied at alternate intersections when spacing is less than 1 foot in each direction and
49 they are supported by continuous supports meeting all other requirements of supports for
50 epoxy-coated bars. Other epoxy-coated bars shall also be tied at all intersections, but
51 shall be tied at alternate intersections when spacing is less than 1 foot in each direction.

1 Wire used for tying epoxy-coated reinforcing steel shall be plastic coated. **Tack welding**
2 **is not permitted on reinforcing steel.**

3
4 Abrupt bends in the steel are permitted only when one steel member bends around
5 another. Vertical stirrups shall pass around main reinforcement or be firmly attached to it.
6

7 For slip-formed concrete, the reinforcing steel bars shall be tied at all intersections and
8 cross braced to keep the cage from moving during concrete placement. Cross bracing
9 shall be with additional reinforcing steel. Cross bracing shall be placed both longitudinally
10 and transversely.

11
12 After reinforcing steel bars are placed in a traffic or pedestrian barrier and prior to slip-
13 form concrete placement, the Contractor shall check clearances and reinforcing steel bar
14 placement. This check shall be accomplished by using a template or by operating the slip-
15 form machine over the entire length of the traffic or pedestrian barrier. All clearance and
16 reinforcing steel bar placement deficiencies shall be corrected by the Contractor before
17 slip-form concrete placement.

18
19 Precast concrete supports (or other accepted devices) shall be used to maintain the
20 concrete coverage required by the Plans. The precast concrete supports shall:

- 21
22 1. Have a bearing surface measuring not greater than 2 inches in either dimension, and
23
24 2. Have a compressive strength equal to or greater than that of the concrete in which
25 they are embedded.
26

27 In slabs, each precast concrete support shall have either: (1) a grooved top that will hold
28 the reinforcing bar in place, or (2) an embedded wire that protrudes and is tied to the
29 reinforcing steel. If this wire is used around epoxy-coated bars, it shall be coated with
30 plastic.

31
32 Precast concrete supports may be accepted based on a Manufacturer's Certificate of
33 Compliance.
34

35 In lieu of precast concrete supports, the Contractor may use metal or all-plastic supports
36 to hold uncoated bars. Any surface of a metal support that will not be covered by at least
37 ½ inch of concrete shall be one of the following:

- 38
39 1. Hot-dip galvanized after fabrication in keeping with AASHTO M232 Class D;
40
41 2. Coated with plastic firmly bonded to the metal. This plastic shall be at least 3/32
42 inch thick where it touches the form and shall not react chemically with the
43 concrete when tested in the State Materials Laboratory. The plastic shall not
44 shatter or crack at or above -5°F and shall not deform enough to expose the
45 metal at or below 200°F; or
46
47 3. Stainless steel that meet the requirements of ASTM A493, Type 302. Stainless
48 steel chair supports are not required to be galvanized or plastic coated.
49

50 In lieu of precast concrete supports, epoxy-coated reinforcing bars may be supported by
51 one of the following:

1. Metal supports coated entirely with a dielectric material such as epoxy or plastic,
2. Other epoxy-coated reinforcing bars, or
3. All-plastic supports.

Damaged coatings on metal bar supports shall be repaired prior to placing concrete.

All-plastic supports shall be lightweight, non-porous, and chemically inert in concrete. All-plastic supports shall have rounded seatings, shall not deform under load during normal temperatures, and shall not shatter or crack under impact loading in cold weather. All-plastic supports shall be placed at spacings greater than 1 foot along the bar and shall have at least 25 percent of their gross place area perforated to compensate for the difference in the coefficient of thermal expansion between plastic and concrete. The shape and configuration of all-plastic supports shall permit complete concrete consolidation in and around the support.

A "mat" is two adjacent and perpendicular layers of reinforcing steel. In bridge decks, top and bottom mats shall be supported adequately enough to hold both in their proper positions. If bar supports directly support, or are directly supported on No. 4 bars, they shall be spaced at not more than 3-foot intervals (or not more than 4-foot intervals for bars No. 5 and larger). Wire ties to girder stirrups shall not be considered as supports. To provide a rigid mat, the Contractor shall add other supports and tie wires to the top mat as needed.

Unless noted otherwise, the minimum concrete cover for main reinforcing bars shall be:

3 inches to a concrete surface deposited against earth without intervening forms.

2½ inches to the top surface of a concrete bridge deck or bridge approach slab.

2 inches to a concrete surface when not specified otherwise in this section or in the Contract documents.

1½ inches to a concrete barrier or curb surface.

Except for top cover in bridge decks and bridge approach slabs, minimum concrete cover to ties and stirrups may be reduced by ½ inch but shall not be less than 1 inch. Minimum concrete cover shall also be provided to the outermost part of mechanical splices and headed steel reinforcing bars.

Reinforcing steel bar location, concrete cover and clearance shall not vary more than the following tolerances from what is specified in the Contract documents:

Reinforcing bar location for members 12 inches or less in thickness: ±0.25 inch

Reinforcing bar location for members greater than 12 inches in thickness: ±0.375 inch

- 1 Reinforcing bar location for bars placed at equal spacing within a plane: the greater
2 of either ± 1 inch or ± 1 bar diameter within the plane. The total number of bars shall
3 not be fewer than that specified.
4
5 The clearance between reinforcement shall not be less than the greater of the bar
6 diameter or 1 inch for unbundled bars. For bundled bars, the clearance between
7 bundles shall not be less than the greater of 1 inch or a bar diameter derived from
8 the equivalent total area of all bars in the bundle.
9
10 Longitudinal location of bends and ends of bars: ± 1 inch
11
12 Embedded length of bars and length of bar lap splices:
13
14 No. 3 through No. 11: -1 inch
15
16 No. 14 through No. 18: -2 inches
17
18 Concrete cover measured perpendicular to concrete surface (except for the top
19 surface of bridge decks, bridge approach slabs and other roadway surfaces): ± 0.25
20 inch
21
22 Concrete cover measured perpendicular to concrete surface for the top surface of
23 bridge decks, bridge approach slabs and other roadway surfaces: +0.25 inch, -0 inch
24
25 Before placing any concrete, the Contractor shall:
26
27 1. Clean all mortar from reinforcement, and
28
29 2. Obtain the Engineer's permission to place concrete after the Engineer has
30 inspected the placement of the reinforcing steel. (Any concrete placed without
31 the Engineer's permission shall be rejected and removed.)
32

33 **6-02.3(25)H Finishing**

34 The last paragraph is revised to read:

35
36 The Contractor may repair defects in prestressed concrete girders in accordance with
37 Section 6-01.16.
38

39 **6-02.3(27) Concrete for Precast Units**

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

41
42 Type III portland cement or blended hydraulic cement is permitted to be used in precast
43 concrete units.
44

45 **6-02.3(28)B Casting**

46 In the second paragraph, the reference to Section 6-02.3(25)B is revised to read Section 6-
47 02.3(25)C.
48

49 **6-02.3(28)D Contractors Control Strength**

50 In the first paragraph, "WSDOT FOP for AASHTO T 23" is revised to read "FOP for AASHTO
51 T 23".

1
2 **6-02.3(28)E Finishing**

3 This section is supplemented with the following:
4

5 The Contractor may repair defects in precast panels in accordance with Section 6-01.16.
6

7 **Section 6-05, Piling**
8 **January 2, 2018**

9 **6-05.3(9)A Pile Driving Equipment Approval**

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

12 For prestressed concrete piles, the allowable driving stress in kips per square inch shall
13 be $0.095 \cdot \sqrt{f'_c}$ plus prestress in tension, and $0.85f'_c$ minus prestress in compression,
14 where f'_c is the concrete compressive strength in kips per square inch.
15

16 **Section 6-07, Painting**
17 **January 2, 2018**

18 **6-07.3(6)A Paint Containers**

19 In item number 2 of the first paragraph, "Federal Standard 595" is revised to read "SAE AMS
20 Standard 595".
21

22 **Section 6-08, Bituminous Surfacing on Structure Decks**
23 **January 2, 2018**

24 **6-08.3(7)A Concrete Deck Preparation**

25 The first sentence of the first paragraph is revised to read:
26

27 The Contractor, with the Engineer, shall inspect the exposed concrete deck to establish
28 the extent of bridge deck repair in accordance with Section 6-09.3(6).
29

30 **Section 6-09, Modified Concrete Overlays**
31 **August 6, 2018**

32 **6-09.3 Construction Requirements**

33 This section is supplemented with the following new subsection:
34

35 **6-09.3(15) Sealing and Texturing Concrete Overlay**

36 After the requirements for checking for bond have been met, all joints and visible cracks
37 shall be filled and sealed with a high molecular weight methacrylate resin (HMWM). The
38 Contractor may use compressed air to accelerate drying of the deck surface for crack
39 identification and sealing. Cracks 1/16 inch and greater in width shall receive two
40 applications of HMWM. Immediately following the application of HMWM, the wetted
41 surface shall be coated with sand for abrasive finish.
42

43 After all cracks have been filled and sealed and the HMWM resin has cured, the concrete
44 overlay surface shall receive a longitudinally sawn texture in accordance with Section 6-
45 02.3(10)D5.
46

Traffic shall not be permitted on the finished concrete until it has reached a minimum compressive strength of 3,000 psi as verified by rebound number determined in accordance with ASTM C805 and the longitudinally sawn texture is completed.

6-09.3(1)B Rotary Milling Machines

This section is revised to read:

Rotary milling machines used to remove an upper layer of existing concrete overlay, when present, shall have a maximum operating weight of 50,000 pounds and conform to Section 6-08.3(5)B.

6-09.3(1)C Hydro-Demolition Machines

The first sentence of this section is revised to read:

Hydro-demolition machines shall consist of filtering and pumping units operating in conjunction with a remote-controlled robotic device, using high-velocity water jets to remove sound concrete to the nominal scarification depth shown in the Plans with a single pass of the machine, and with the simultaneous removal of deteriorated concrete.

6-09.3(1)D Shot Blasting Machines

This section, including title, is revised to read:

6-09.3(1)D Vacant

6-09.3(1)J Finishing Machine

This section is revised to read:

The finishing machine shall meet the requirements of Section 6-02.3(10) and the following requirements:

The finishing machine shall be equipped with augers, followed by an oscillating, vibrating screed, vibrating roller tamper, or a vibrating pan, followed by a rotating cylindrical double drum screed. The vibrating screed, roller tamper or pan shall be of sufficient length and width to properly consolidate the mixture. The vibrating frequency of the vibrating screed, roller tamper or pan shall be variable with positive control.

6-09.3(2) Submittals

Item number 1 and 2 are revised to read:

1. A Type 1 Working Drawing consisting of catalog cuts and operating parameters of the hydro-demolition machine selected by the Contractor for use in this project to scarify concrete surfaces.
2. A Type 1 Working Drawing consisting of catalog cuts, operating parameters, axle loads, and axle spacing of the rotary milling machine (if used to remove an upper layer of existing concrete overlay when present).

The first sentence of item number 3 is revised to read:

A Type 2 Working Drawing of the Runoff Water Disposal Plan.

6-09.3(5)A General

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

All areas of the deck that are inaccessible to the selected scarifying machine shall be scarified to remove the concrete surface matrix to a maximum nominal scarification depth shown in the Plans by a method acceptable to the Engineer.

This section is supplemented with the following:

Concrete process water generated by scarifying concrete surface and removing existing concrete overlay operations shall be contained, collected, and disposed of in accordance with Section 5-01.3(11) and Section 6-09.3(5)C, and the Section 6-09.3(2) Runoff Water Disposal Plan.

6-09.3(5)B Testing of Hydro-Demolition and Shot Blasting Machines

This section's title is revised to read:

Testing of Hydro-Demolition Machines

The second paragraph is revised to read:

In the "sound" area of concrete, the equipment shall be programmed to remove concrete to the nominal scarification depth shown in the Plans with a single pass of the machine.

6-09.3(5)D Shot Blasting

This section, including title, is revised to read:

6-09.3(5)D Vacant

6-09.3(5)E Rotomilling

This section, including title, is revised to read:

6-09.3(5)E Removing Existing Concrete Overlay Layer by Rotomilling

When the Contractor elects to remove the upper layer of existing concrete overlay, when present, by rotomilling prior to final scarifying, the entire concrete surface of the bridge deck shall be milled to remove the surface matrix to the depth specified in the Plans with a tolerance as specified in Section 6-08.3(5)B. The operating parameters of the rotary milling machine shall be monitored in order to prevent the unnecessary removal of concrete below the specified removal depth.

6-09.3(6) Further Deck Preparation

The first paragraph is revised to read::

Once the lane or strip being overlaid has been cleaned of debris from scarifying, the Contractor, with the Engineer, shall perform a visual inspection of the scarified surface. The Contractor shall mark those areas of the existing bridge deck that are authorized by the Engineer for further deck preparation by the Contractor.

Item number 4 of the second paragraph is deleted.

The first sentence of the third paragraph is deleted.

6-09.3(6)A Equipment for Further Deck Preparation

This section is revised to read:

Further deck preparation shall be performed using either power driven hand tools conforming to Section 6-09.3(1)A, or hydro-demolition machines conforming to Section 6-09.3(1)C.

6-09.3(6)B Deck Repair Preparation

The second paragraph is deleted.

The last sentence of the second paragraph (after the preceding Amendment is applied) is revised to read:

In no case shall the depth of a sawn vertical cut exceed $\frac{3}{4}$ inch or to the top of the top steel reinforcing bars, whichever is less.

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

Where existing steel reinforcing bars inside deck repair areas show deterioration greater than 20-percent section loss, the Contractor shall furnish and place steel reinforcing bars alongside the deteriorated bars in accordance with the details shown in the Standard Plans.

The last paragraph is deleted.

6-09.3(7) Surface Preparation for Concrete Overlay

The first seven paragraphs are deleted and replaced with the following:

Following the completion of any required further deck preparation the entire lane or strip being overlaid shall be cleaned to be free from oil and grease, rust and other foreign material that may still be present. These materials shall be removed by detergent-cleaning or other method accepted by the Engineer followed by sandblasting.

After detergent cleaning and sandblasting is completed, the entire lane or strip being overlaid shall be swept clean in final preparation for placing concrete using either compressed air or vacuum machines.

Hand tool chipping, sandblasting and cleaning in areas adjacent to a lane or strip being cleaned in final preparation for placing concrete shall be discontinued when final preparation is begun. Scarifying and hand tool chipping shall remain suspended until the concrete has been placed and the requirement for curing time has been satisfied. Sandblasting and cleaning shall remain suspended for the first 24 hours of curing time after the completion of concrete placing.

Scarification, and removal of the upper layer of concrete overlay when present, may proceed during the final cleaning and overlay placement phases of the Work on adjacent portions of the Structure so long as the scarification and concrete overlay removal operations are confined to areas which are a minimum of 100 feet away from the defined

1 limits of the final cleaning or overlay placement in progress. If the scarification and
2 concrete overlay removal impedes or interferes in any way with the final cleaning or
3 overlay placement as determined by the Engineer, the scarification and concrete overlay
4 removal Work shall be terminated immediately and the scarification and concrete overlay
5 removal equipment removed sufficiently away from the area being prepared or overlaid
6 to eliminate the conflict. If the grade is such that water and contaminants from the
7 scarification and concrete overlay removal operation will flow into the area being prepared
8 or overlaid, the scarification and concrete overlay removal operation shall be terminated
9 and shall remain suspended for the first 24 hours of curing time after the completion of
10 concrete placement.

11

12 **6-09.3(12) Finishing Concrete Overlay**

13 The third paragraph is deleted.

14

15 The last paragraph is deleted.

16

17 **6-09.3(13) Curing Concrete Overlay**

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

19

20 As the finishing operation progresses, the concrete shall be immediately covered with a
21 single layer of clean, new or used, wet burlap.

22

23 The last sentence of the second paragraph is deleted.

24

25 The following two new paragraphs are inserted after the second paragraph:

26

27 As an alternative to the application of burlap and fog spraying described above, the
28 Contractor may propose a curing system using proprietary curing blankets specifically
29 manufactured for bridge deck curing. The Contractor shall submit a Type 2 Working
30 Drawing consisting of details of the proprietary curing blanket system, including product
31 literature and details of how the system is to be installed and maintained.

32

33 The wet curing regimen as described shall remain in place for a minimum of 42-hours.

34

35 The last paragraph is deleted.

36

37 **6-09.3(14) Checking for Bond**

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

39

40 After the requirements for curing have been met, the entire overlaid surface shall be
41 sounded by the Contractor, in a manner accepted by and in the presence of the Engineer,
42 to ensure total bond of the concrete to the bridge deck.

43

44 The last sentence of the first paragraph is deleted.

45

46 The second paragraph is deleted.

47

1 **Section 6-10, Concrete Barrier**
2 **August 6, 2018**

3 **6-10.2 Materials**

4 In the first paragraph, the reference to "Portland Cement" is revised to read:

5
6 Cement 9-01

7
8 **6-10.3(6) Placing Concrete Barrier**

9 The first two sentences of the first paragraph are revised to read:

10
11 Precast concrete barriers Type 2, Type 4, Type F, precast single slope barrier, and
12 transitions shall rest on a paved foundation shaped to a uniform grade and section. The
13 foundation surface for precast concrete barriers Type 2, Type 4, Type F, precast single
14 slope barrier, and transitions shall meet this test for uniformity: When a 10-foot
15 straightedge is placed on the surface parallel to the centerline for the barrier, the surface
16 shall not vary more than ¼ inch from the lower edge of the straightedge.

17
18 **Section 6-11, Reinforced Concrete Walls**
19 **April 2, 2018**

20 **6-11.2 Materials**

21 In the first paragraph, the reference to "Aggregates for Portland Cement Concrete" is revised
22 to read:

23
24 Aggregates for Concrete 9-03.1

25
26 **Section 6-12, Noise Barrier Walls**
27 **August 6, 2018**

28 **6-12.2 Materials**

29 In the first paragraph, the reference to "Aggregates for Portland Cement Concrete" is revised
30 to read:

31
32 Aggregates for Concrete 9-03.1

33
34 The first paragraph is supplemented with the following new material reference:

35
36 Noise Barrier Wall Access Door 9-06.17

37
38 **6-12.3(9) Access Doors and Concrete Landing Pads**

39 The second paragraph is deleted and replaced with the following:

40
41 All frame and door surfaces, except stainless steel surfaces, shall be painted in
42 accordance with Section 6-07.3(9). Primer shall be applied to all non-stainless steel
43 surfaces. All primer coated exposed metal surfaces shall be field painted with the
44 remaining Section 6-07.3(9)A paint system coats. The top coat, when dry, shall match the
45 color specified in the Plans or Special Provisions.

46
47 This section is supplemented with the following:

1
2 Access door deadbolt locks shall be capable of accepting a Best CX series core. The
3 Contractor shall furnish and install a spring-loaded construction core lock with each lock.
4 The Engineer will furnish the permanent Best CX series core for the Contractor to install
5 at the conclusion of the project.
6

7 **Section 6-13, Structural Earth Walls**
8 **August 6, 2018**

9 **6-13.2 Materials**

10 In the first paragraph, the reference to "Aggregates for Portland Cement Concrete" is revised
11 to read:

12
13 Aggregates for Concrete 9-03.1
14

15 **6-13.3(4) Precast Concrete Facing Panel and Concrete Block Fabrication**

16 Item number 1 of the sixth paragraph is revised to read:

17
18 1. Vertical dimensions shall be $\pm \frac{1}{16}$ inch of the Plan dimension, and the rear height
19 shall not exceed the front height.
20

21 Item number 3 of the sixth paragraph is revised to read:

22
23 3. All other dimensions shall be $\pm \frac{1}{4}$ inch of the Plan dimension.
24

25 **Section 6-14, Geosynthetic Retaining Walls**
26 **April 2, 2018**

27 **6-14.2 Materials**

28 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland
29 Cement Concrete" are revised to read:

30
31 Cement 9-01
32 Aggregates for Concrete 9-03.1
33

34 **Section 6-16, Soldier Pile and Soldier Pile Tieback Walls**
35 **April 2, 2018**

36 **6-16.2 Materials**

37 In the first paragraph, the reference to "Aggregates for Portland Cement Concrete" is revised
38 to read:

39
40 Aggregates for Concrete 9-03.1
41

42 **Section 6-18, Shotcrete Facing**
43 **January 2, 2018**

44 **6-18.3(3) Testing**

45 In the last sentence of the first paragraph, "AASHTO T 24" is revised to read "ASTM C1604".
46

1 **6-18.3(3)B Production Testing**

2 In the last sentence, "AASHTO T 24" is revised to read "ASTM C1604".

3
4 **6-18.3(4) Qualifications of Contractor's Personnel**

5 In the last sentence of the second paragraph, "AASHTO T 24" is revised to read "ASTM
6 C1604".

7
8 **Section 6-19, Shafts**

9 **August 6, 2018**

10 **6-19.2 Materials**

11 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland
12 Cement Concrete" are revised to read:

13
14 Cement 9-01
15 Aggregates for Concrete 9-03.1

16
17 **6-19.3(1)A Shaft Construction Tolerances**

18 The last paragraph is supplemented with the following:

19
20 The elevation of the top of the reinforcing cage for drilled shafts shall be within +6 inches
21 and -3 inches from the elevation shown in the Plans.

22
23 **6-19.3(3)C Conduct of Shaft Casing Installation and Removal and Shaft**
24 **Excavation Operations**

25 The first paragraph is supplemented with the following:

26
27 In no case shall shaft excavation and casing placement extend below the bottom of shaft
28 excavation as shown in the Plans.

29
30 **6-19.3(6)E Thermal Wire and Thermal Access Point (TAPS)**

31 The third sentence of the third paragraph is revised to read:

32
33 The thermal wire shall extend from the bottom of the reinforcement cage to the top of the
34 shaft, with a minimum of 5-feet of slack wire provided above the top of shaft.

35
36 The following new sentence is inserted after the third sentence of the third paragraph:

37
38 All thermal wires in a shaft shall be equal lengths.

39
40 **Section 7-02, Culverts**

41 **April 2, 2018**

42 **7-02.2 Materials**

43 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland
44 Cement Concrete" are revised to read:

45
46 Cement 9-01
47 Aggregates for Concrete 9-03.1

1 **7-02.3(6)A4 Excavation and Bedding Preparation**

2 The first sentence of the third paragraph is revised to read:

3

4 The bedding course shall be a 6-inch minimum thickness layer of culvert bedding material,
5 defined as granular material either conforming to Section 9-03.12(3) or to AASHTO
6 Grading No. 57 as specified in Section 9-03.1(4)C.

7

8 **Section 7-05, Manholes, Inlets, Catch Basins, and Drywells**

9 **August 6, 2018**

10 **7-05.3 Construction Requirements**

11 The fourth sentence of the third paragraph is deleted.

12

13 **Section 7-08, General Pipe Installation Requirements**

14 **April 2, 2018**

15 **7-08.3(3) Backfilling**

16 The fifth sentence of the fourth paragraph is revised to read:

17

18 All compaction shall be in accordance with the Compaction Control Test of Section 2-
19 03.3(14)D except in the case that 100% Recycled Concrete Aggregate is used.

20

21 The following new sentences are inserted after the fifth sentence of the fourth paragraph:

22

23 When 100% Recycled Concrete Aggregate is used, the Contractor may submit a written
24 request to use a test point evaluation for compaction acceptance. Test Point evaluation
25 shall be performed in accordance with SOP 738.

26

27 **Section 8-01, Erosion Control and Water Pollution Control**

28 **April 2, 2018**

29 **8-01.1 Description**

30 This section is revised to read:

31

32 This Work consists of furnishing, installing, maintaining, removing and disposing of best
33 management practices (BMPs), as defined in the Washington Administrative Code (WAC)
34 173-201A, to manage erosion and water quality in accordance with these Specifications
35 and as shown in the Plans or as designated by the Engineer.

36

37 The Contracting Agency may have a National Pollution Discharge Elimination System
38 Construction Stormwater General Permit (CSWGP) as identified in the Contract Special
39 Provisions. The Contracting Agency may or may not transfer coverage of the CSWGP to
40 the Contractor when a CSWGP has been obtained. The Contracting Agency may not
41 have a CSWGP for the project but may have another water quality related permit as
42 identified in the Contract Special Provisions or the Contracting Agency may not have
43 water quality related permits but the project is subject to applicable laws for the Work.
44 Section 8-01 covers all of these conditions.

45

46 **8-01.2 Materials**

47 The first paragraph is revised to read:

Materials shall meet the requirements of the following sections:

Corrugated Polyethylene Drain Pipe	9-05.1(6)
Quarry Spalls	9-13
Erosion Control and Roadside Planting	9-14
Construction Geotextile	9-33

8-01.3(1) General

This section is revised to read:

Adaptive management shall be employed throughout the duration of the project for the implementation of erosion and water pollution control permit requirements for the current condition of the project site. The adaptive management includes the selection and utilization of BMPs, scheduling of activities, prohibiting unacceptable practices, implementing maintenance procedures, and other managerial practices that when used singularly or in combination, prevent or reduce the release of pollutants to waters of the State. The adaptive management shall use the means and methods identified in this section and means and methods identified in the Washington State Department of Transportation's Temporary Erosion and Sediment Control Manual or the Washington State Department of Ecology's Stormwater Management Manuals for construction stormwater.

The Contractor shall install a high visibility fence along the site preservation lines shown in the Plans or as instructed by the Engineer.

Throughout the life of the project, the Contractor shall preserve and protect the delineated preservation area, acting immediately to repair or restore any fencing damaged or removed.

All discharges to surface waters shall comply with surface water quality standards as defined in Washington Administrative Code (WAC) Chapter 173-201A. All discharges to the ground shall comply with groundwater quality standards WAC Chapter 173-200.

The Contractor shall comply with the CSWGP when the project is covered by the CSWGP. Temporary Work, at a minimum, shall include the implementation of:

1. Sediment control measures prior to ground disturbing activities to ensure all discharges from construction areas receive treatment prior to discharging from the site.
2. Flow control measures to prevent erosive flows from developing.
3. Water management strategies and pollution prevention measures to prevent contamination of waters that will be discharged to surface waters or the ground.
4. Erosion control measures to stabilize erodible earth not being worked.
5. Maintenance of BMPs to ensure continued compliant performance.

- 1 6. Immediate corrective action if evidence suggests construction activity is not in
2 compliance. Evidence includes sampling data, olfactory or visual evidence such
3 as the presence of suspended sediment, turbidity, discoloration, or oil sheen in
4 discharges.
5
6 To the degree possible, the Contractor shall coordinate this temporary Work with
7 permanent drainage and erosion control Work the Contract requires.
8
9 Clearing, grubbing, excavation, borrow, or fill within the Right of Way shall never expose
10 more erodible earth than as listed below:
11

Western Washington (West of the Cascade Mountain Crest)		Eastern Washington (East of the Cascade Mountain Crest)	
May 1 through September 30	17 Acres	April 1 through October 31	17 Acres
October 1 through April 30	5 Acres	November 1 through March 31	5 Acres

- 12
13 The Engineer may increase or decrease the limits based on project conditions.
14
15 Erodible earth is defined as any surface where soils, grindings, or other materials may be
16 capable of being displaced and transported by rain, wind, or surface water runoff.
17
18 Erodible earth not being worked, whether at final grade or not, shall be covered within the
19 specified time period (see the table below), using BMPs for erosion control.
20

Western Washington (West of the Cascade Mountain Crest)		Eastern Washington (East of the Cascade Mountain Crest)	
October 1 through April 30	2 days maximum	October 1 through June 30	5 days maximum
May 1 to September 30	7 days maximum	November 1 through March 31	10 days maximum

- 21
22 When applicable, the Contractor shall be responsible for all Work required for compliance
23 with the CSWGP including annual permit fees.
24
25 If the Engineer, under Section 1-08.6, orders the Work suspended, the Contractor shall
26 continue to comply with this division during the suspension.
27
28 Nothing in this Section shall relieve the Contractor from complying with other Contract
29 requirements.
30
31 **8-01.3(1)A Submittals**
32 This section's content is deleted.
33
34 This section is supplemented with the following new subsection:

1
2 **8-01.3(1)A1 Temporary Erosion and Sediment Control**

3 A Temporary Erosion and Sediment Control (TESC) plan consists of a narrative section
4 and plan sheets that meets the Washington State Department of Ecology's Stormwater
5 Pollution Prevention Plan (SWPPP) requirement in the CSWGP. Abbreviated TESC plans
6 are not required to include plan sheets and are used on small projects that disturb soil
7 and have the potential to discharge but are not covered by the CSWGP. The contract
8 uses the term "TESC plan" to describe both TESC plans and abbreviated TESC plans.
9 When the Contracting Agency has developed a TESC plan for a Contract, the narrative
10 is included in the appendix to the Special Provisions and the TESC plan sheets, when
11 required, are included in the Contract Plans. The Contracting Agency TESC plan will not
12 include off-site areas used to directly support construction activity.

13
14 The Contractor shall either adopt the TESC Plan in the Contract or develop a new TESC
15 Plan. If the Contractor adopts the Contracting Agency TESC Plan, the Contractor shall
16 modify the TESC Plan to meet the Contractor's schedule, method of construction, and to
17 include off-site areas that will be used to directly support construction activity such as
18 equipment staging yards, material storage areas, or borrow areas. Contractor TESC
19 Plans shall include all high visibility fence delineation shown on the Contracting Agency
20 Contract Plans. All TESC Plans shall meet the requirements of the current edition of the
21 WSDOT Temporary Erosion and Sediment Control Manual M 3109 and be adaptively
22 managed as needed throughout construction based on site inspections and discharge
23 samples to maintain compliance with the CSWGP. The Contractor shall develop a
24 schedule for implementation of the TESC work and incorporate it into the Contractor's
25 progress schedule.

26
27 The Contractor shall submit their TESC Plan (either the adopted plan or new plan) and
28 implementation schedule as Type 2 Working Drawings. At the request of the Engineer,
29 updated TESC Plans shall be submitted as Type 1 Working Drawings.

30
31 **8-01.3(1)B Erosion and Sediment Control (ESC) Lead**

32 This section is revised to read:

33
34 The Contractor shall identify the ESC Lead at the preconstruction discussions and in the
35 TESC Plan. The ESC Lead shall have, for the life of the Contract, a current Certificate of
36 Training in Construction Site Erosion and Sediment Control from a course approved by
37 the Washington State Department of Ecology. The ESC Lead must be onsite or on call at
38 all times throughout construction. The ESC Lead shall be listed on the Emergency
39 Contact List required under Section 1-05.13(1).

40
41 The ESC Lead shall implement the TESC Plan. Implementation shall include, but is not
42 limited to:

- 43
44 1. Installing, adaptively managing, and maintaining temporary erosion and
45 sediment control BMPs to assure continued performance of their intended
46 function. Damaged or inadequate BMPs shall be corrected immediately.
47
48 2. Updating the TESC Plan to reflect current field conditions.
49
50 3. Discharge sampling and submitting Discharge Monitoring Reports (DMRs) to
51 the Washington State Department of Ecology in accordance with the CSWGP.

- 1
2 4. Develop and maintain the Site Log Book as defined in the CSWGP. When the
3 Site Log Book or portion thereof is electronically developed, the electronic
4 documentation must be accessible onsite. As a part of the Site Log Book, the
5 Contractor shall develop and maintain a tracking table to show that identified
6 TESC compliance issues are fully resolved within 10 calendar days. The table
7 shall include the date an issue was identified, a description of how it was
8 resolved, and the date the issue was fully resolved.
9

10 The ESC Lead shall also inspect all areas disturbed by construction activities, all on-site
11 erosion and sediment control BMPs, and all stormwater discharge points at least once
12 every calendar week and within 24-hours of runoff events in which stormwater discharges
13 from the site. Inspections of temporarily stabilized, inactive sites may be reduced to once
14 every calendar month. The Washington State Department of Ecology's Erosion and
15 Sediment Control Site Inspection Form, located at [https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Construction-stormwater-](https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Construction-stormwater-permit)
16 permit, shall be completed for each inspection and a copy shall be submitted to the
17 Engineer no later than the end of the next working day following the inspection.
18
19

20 **8-01.3(1)C Water Management**

21 This section is supplemented with the following new subsections:
22

23 **8-01.3(1)C5 Water Management for In-Water Work Below Ordinary High** 24 **Water Mark (OHWM)**

25 Work over surface waters of the state (defined in WAC 173-201A-010) or below the
26 OHWM (defined in RCW 90.58.030) must comply with water quality standards for surface
27 waters of the state of Washington.
28

29 **8-01.3(1)C6 Environmentally Acceptable Hydraulic Fluid**

30 All equipment containing hydraulic fluid that extends from a bridge deck over surface
31 waters of the state or below the OHWM, shall be equipped with an environmentally
32 acceptable hydraulic fluid. The fluid shall meet specific requirements for biodegradability,
33 aquatic toxicity, and bioaccumulation in accordance with the United States Environmental
34 Protection Agency (EPA) publication EPA800-R-11-002. Acceptance shall be in
35 accordance with Section 1-06.3, Manufacturer's Certification of Compliance.
36

37 The designation of environmentally acceptable hydraulic fluid does not mean fluid spills
38 are acceptable. The Contractor shall respond to spills to land or water in accordance with
39 the Contract.
40

41 **8-01.3(1)C7 Turbidity Curtain**

42 All Work for the turbidity curtain shall be in accordance with the manufacturer's
43 recommendations for the site conditions. Removal procedures shall be developed and
44 used to minimize silt release and disturbance of silt. The Contractor shall submit a Type
45 2 Working Drawing, detailing product information, installation and removal procedures,
46 equipment and workforce needs, maintenance plans, and emergency repair/replacement
47 plans.
48

49 Turbidity curtain materials, installation, and maintenance shall be sufficient to comply with
50 water quality standards.
51

1 The Contractor shall notify the Engineer 10 days in advance of removing the turbidity
2 curtain. All components of the turbidity curtain shall be removed from the project.
3

4 **8-01.3(1)C1 Disposal of Dewatering Water**

5 This section is revised to read:
6

7 When uncontaminated groundwater is encountered in an excavation on a project it may
8 be infiltrated within vegetated areas of the right of way not designated as Sensitive Areas
9 or incorporated into an existing stormwater conveyance system at a rate that will not
10 cause erosion or flooding in any receiving surface water.
11

12 Alternatively, the Contractor may pursue independent disposal and treatment alternatives
13 that do not use the stormwater conveyance system provided it is in compliance with the
14 applicable WACs and permits.
15

16 **8-01.3(1)C2 Process Wastewater**

17 This section is revised to read:
18

19 Wastewater generated on-site as a byproduct of a construction process shall not be
20 discharged to surface waters of the State. Some sources of process wastewater may be
21 infiltrated in accordance with the CSWGP with concurrence from the Engineer. Some
22 sources of process wastewater may be disposed via independent disposal and treatment
23 alternatives in compliance with the applicable WACs and permits.
24

25 **8-01.3(1)C3 Shaft Drilling Slurry Wastewater**

26 This section is revised to read:
27

28 Wastewater generated on-site during shaft drilling activity shall be managed and disposed
29 of in accordance with the requirements below. No shaft drilling slurry wastewater shall be
30 discharged to surface waters of the State. Neither the sediment nor liquid portions of the
31 shaft drilling slurry wastewater shall be contaminated, as detectable by visible or olfactory
32 indication (e.g., chemical sheen or smell).
33

- 34 1. Water-only shaft drilling slurry or water slurry with accepted flocculants may be
35 infiltrated on-site. Flocculants used shall meet the requirements of Section 9-
36 14.5(1) or shall be chitosan products listed as General Use Level Designation
37 (GULD) on the Washington State Department of Ecology's stormwater treatment
38 technologies webpage for construction treatment. Infiltration is permitted if the
39 following requirements are met:
40
 - 41 a. Wastewater shall have a pH of 6.5 – 8.5 prior to discharge.
42
 - 43 b. The amount of flocculant added to the slurry shall be kept to the minimum
44 needed to adequately settle out solids. The flocculant shall be thoroughly
45 mixed into the slurry.
46
 - 47 c. The slurry removed from the shaft shall be contained in a leak proof cell or
48 tank for a minimum of 3 hours.
49
 - 50 d. The infiltration rate shall be reduced if needed to prevent wastewater from
51 leaving the infiltration location. The infiltration site shall be monitored

1 regularly during infiltration activity. All wastewater discharged to the ground
2 shall fully infiltrate and discharges shall stop before the end of each work
3 day.
4

5 e. Drilling spoils and settled sediments remaining in the containment cell or
6 tank shall be disposed of in accordance with Section 6-19.3(4)F.
7

8 f. Infiltration locations shall be in upland areas at least 150 feet away from
9 surface waters, wells, on-site sewage systems, aquifer sensitive recharge
10 areas, sole source aquifers, well head protection areas, and shall be
11 marked on the plan sheets before the infiltration activity begins.
12

13 g. Prior to infiltration, the Contractor shall submit a Shaft Drilling Slurry
14 Wastewater Management and Infiltration Plan as a Type 2 Working
15 Drawing. This Plan shall be kept on-site, adapted if needed to meet the
16 construction requirements, and updated to reflect what is being done in the
17 field. The Working Drawing shall include, at a minimum, the following
18 information:
19

20 i. Plan sheet showing the proposed infiltration location and all surface
21 waters, wells, on-site sewage systems, aquifer-sensitive recharge
22 areas, sole source aquifers, and well-head protection areas within 150
23 feet.
24

25 ii. The proposed elevation of soil surface receiving the wastewater for
26 infiltration and the anticipated phreatic surface (i.e., saturated soil).
27

28 iii. The source of the water used to produce the slurry.
29

30 iv. The estimated total volume of wastewater to be infiltrated.
31

32 v. The accepted flocculant to be used (if any).
33

34 vi. The controls or methods used to prevent surface wastewater runoff
35 from leaving the infiltration location.
36

37 vii. The strategy for removing slurry wastewater from the shaft and
38 containing the slurry wastewater once it has been removed from the
39 shaft.
40

41 viii. The strategy for monitoring infiltration activity and adapting methods to
42 ensure compliance.
43

44 ix. A contingency plan that can be implemented immediately if it becomes
45 evident that the controls in place or methods being used are not
46 adequate.
47

48 x. The strategy for cleaning up the infiltration location after the infiltration
49 activity is done. Cleanup shall include stabilizing any loose sediment
50 on the surface within the infiltration area generated as a byproduct of

suspended solids in the infiltrated wastewater or soil disturbance associated with BMP placement and removal.

2. Shaft drilling mineral slurry, synthetic slurry, or slurry with polymer additives not allowed for infiltration shall be contained and disposed of by the Contractor at an accepted disposal facility in accordance with Section 2-03.3(7)C. Spoils that have come into contact with mineral slurry shall be disposed of in accordance with Section 6-19.3(4)F.

8-01.3(1)C4 Management of Off-Site Water

This section is revised to read:

Prior to clearing and grubbing, the Contractor shall intercept all sources of off-site surface water and overland flow that will run-on to the project. Off-site surface water run-on shall be diverted through or around the project in a way that does not introduce construction related pollution. It shall be diverted to its preconstruction discharge location in a manner that does not increase preconstruction flow rate and velocity and protects contiguous properties and waterways from erosion. The Contractor shall submit a Type 2 Working Drawing consisting of the method for performing this Work.

8-01.3(1)E Detention/Retention Pond Construction

This section is revised to read:

Whether permanent or temporary, ponds shall be constructed before beginning other grading and excavation Work in the area that drains into that pond. Detention/retention ponds may be constructed concurrently with grading and excavation when allowed by the Engineer. Temporary conveyances shall be installed concurrently with grading in accordance with the TESC Plan so that newly graded areas drain to the pond as they are exposed.

8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch

In the table, the second column heading is revised to read:

**Eastern Washington¹
(East of the Cascade Mountain Crest)**

Footnote 1 in the table is revised to read:

Seeding may be allowed outside these dates when allowed or directed by the Engineer.

8-01.3(5) Plastic Covering

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

Erosion Control – Plastic coverings used to temporarily cover stockpiled materials, slopes or bare soils shall be installed and maintained in a way that prevents water from intruding under the plastic and prevents the plastic cover from being damaged by wind.

8-01.3(7) Stabilized Construction Entrance

The first paragraph is revised to read:

1 Temporary stabilized construction entrance shall be constructed in accordance with the
2 *Standard Plans*, prior to construction vehicles entering the roadway from locations that
3 generate sediment track out on the roadway. Material used for stabilized construction
4 entrance shall be free of extraneous materials that may cause or contribute to track out.

6 **8-01.3(8) Street Cleaning**

7 This section is revised to read:

8
9 Self-propelled pickup street sweepers shall be used to remove and collect dirt and other
10 debris from the Roadway. The street sweeper shall effectively collect these materials and
11 prevent them from being washed or blown off the Roadway or into waters of the State.
12 Street sweepers shall not generate fugitive dust and shall be designed and operated in
13 compliance with applicable air quality standards. Material collected by the street sweeper
14 shall be disposed of in accordance with Section 2-03.3(7)C.

15
16 When allowed by the Engineer, power broom sweepers may be used in non-
17 environmentally sensitive areas. The broom sweeper shall sweep dirt and other debris
18 from the roadway into the work area. The swept material shall be prevented from entering
19 or washing into waters of the State.

20
21 Street washing with water will require the concurrence of the Engineer.

23 **8-01.3(12) Compost Socks**

24 The first two sentences of the first paragraph are revised to read:

25
26 Compost socks are used to disperse flow and sediment. Compost socks shall be installed
27 as soon as construction will allow but before flow conditions create erosive flows or
28 discharges from the site. Compost socks shall be installed prior to any mulching or
29 compost placement.

31 **8-01.3(13) Temporary Curb**

32 The second to last sentence of the second paragraph is revised to read:

33
34 Temporary curbs shall be a minimum of 4 inches in height.

36 **8-01.3(14) Temporary Pipe Slope Drain**

37 The third and fourth paragraphs are revised to read:

38
39 The pipe fittings shall be water tight and the pipe secured to the slope with metal posts,
40 wood stakes, sand bags, or as allowed by the Engineer.

41
42 The water shall be discharged to a stabilized conveyance, sediment trap, stormwater
43 pond, rock splash pad, or vegetated strip, in a manner to prevent erosion and maintain
44 water quality compliance.

45
46 The last paragraph is deleted.

48 **8-01.3(15) Maintenance**

49 This section is revised to read:

1 Erosion and sediment control BMPs shall be maintained or adaptively managed as
2 required by the CSWGP until the Engineer determines they are no longer needed. When
3 deficiencies in functional performance are identified, the deficiencies shall be rectified
4 immediately.

5
6 The BMPs shall be inspected on the schedule outlined in Section 8-01.3(1)B for damage
7 and sediment deposits. Damage to or undercutting of BMPs shall be repaired
8 immediately.

9
10 In areas where the Contractor's activities have compromised the erosion control functions
11 of the existing grasses, the Contractor shall overseed at no additional cost to the
12 Contracting Agency.

13
14 The quarry spalls of construction entrances shall be refreshed, replaced, or screened to
15 maintain voids between the spalls for collecting mud and dirt.

16
17 Unless otherwise specified, when the depth of accumulated sediment and debris reaches
18 approximately $\frac{1}{3}$ the height of the BMP the deposits shall be removed. Debris or
19 contaminated sediment shall be disposed of in accordance with Section 2-03.3(7)C.
20 Clean sediments may be stabilized on-site using BMPs as allowed by the Engineer.

21 22 **8-01.3(16) Removal**

23 This section is revised to read:

24
25 The Contractor shall remove all temporary BMPs, all associated hardware and associated
26 accumulated sediment deposition from the project limits prior to Physical Completion
27 unless otherwise allowed by the Engineer. When the temporary BMP materials are made
28 of natural plant fibers unaltered by synthetic materials the Engineer may allow leaving the
29 BMP in place.

30
31 The Contractor shall remove BMPs and associated hardware in a way that minimizes soil
32 disturbance. The Contractor shall permanently stabilize all bare and disturbed soil after
33 removal of BMPs. If the installation and use of the erosion control BMPs have compacted
34 or otherwise rendered the soil inhospitable to plant growth, such as construction
35 entrances, the Contractor shall take measures to rehabilitate the soil to facilitate plant
36 growth. This may include, but is not limited to, ripping the soil, incorporating soil
37 amendments, or seeding with the specified seed.

38
39 At the request of the Contractor and at the sole discretion of the Engineer the CSWGP
40 may be transferred back to the Contracting Agency. Approval of the Transfer of Coverage
41 request will require the following:

- 42
43 1. All other Work required for Contract Completion has been completed.
44
45 2. All Work required for compliance with the CSWGP has been completed to the
46 maximum extent possible. This includes removal of BMPs that are no longer
47 needed and the site has undergone all Stabilization identified for meeting the
48 requirements of Final Stabilization in the CSWGP.
49
50 3. An Equitable Adjustment change order for the cost of Work that has not been
51 completed by the Contractor.

- 1
2 4. Submittal of the Washington State Department of Ecology Transfer of Coverage
3 form (Ecology form ECY 020-87a) to the Engineer.
4

5 If the Engineer approves the transfer of coverage back to the Contracting Agency, the
6 requirement in Section 1-07.5(3) for the Contractor's submittal of the Notice of
7 Termination form to the Washington State Department of Ecology will not apply.
8

9 **8-01.4 Measurement**

10 This section's content is deleted and replaced with the following new subsections:
11

12 **8-01.4(1) Lump Sum Bid for Project (No Unit Items)**

13 When the Bid Proposal contains the item "Erosion Control and Water Pollution
14 Prevention" there will be no measurement of unit or force account items for Work defined
15 in Section 8-01 except as described in Sections 8-01.4(3) and 8-01.4(4). Also, except as
16 described in Section 8-01.4(3), all of Sections 8-01.4(2) and 8-01.5(2) are deleted.
17

18 **8-01.4(2) Item Bids**

19 When the Proposal does not contain the items "Erosion Control and Water Pollution
20 Prevention", Section 8-01.4(1) and 8-01.5(1) are deleted and the Bid Proposal will contain
21 some or all of the following items measured as noted.
22

23 ESC lead will be measured per day for each day that an inspection is made and a
24 report is filed.
25

26 Biodegradable erosion control blanket and plastic covering will be measured by the
27 square yard along the ground slope line of surface area covered and accepted.
28

29 Turbidity curtains will be measured by the linear foot along the ground line of the
30 installed curtain.
31

32 Check dams will be measured per linear foot one time only along the ground line of
33 the completed check dam. No additional measurement will be made for check dams
34 that are required to be rehabilitated or replaced due to wear.
35

36 Stabilized construction entrances will be measured by the square yard by ground
37 slope measurement for each entrance constructed.
38

39 Tire wash facilities will be measured per each for each tire wash installed.
40

41 Street cleaning will be measured by the hour for the actual time spent cleaning
42 pavement, refilling with water, dumping and transport to and from cleaning locations
43 within the project limits, as authorized by the Engineer. Time to mobilize the
44 equipment to or from the project limits on which street cleaning is required will not be
45 measured.
46

47 Inlet protections will be measured per each for each initial installation at a
48 drainage structure.
49

50 Silt fence, gravel filter, compost berms, and wood chip berms will be measured by
51 the linear foot along the ground line of the completed barrier.

Wattles and compost socks will be measured by the linear foot.

Temporary curbs will be measured by the linear foot along the ground line of the completed installation.

Temporary pipe slope drains will be measured by the linear foot along the flow line of the pipe.

Coir logs will be measured by the linear foot along the ground line of the completed installation.

Outlet protections will be measured per each initial installation at an outlet location.

Tackifiers will be measure by the acre by ground slope measurement.

8-01.4(3) Reinstating Unit Items with Lump Sum Erosion Control and Water Pollution Prevention

The Contract Provisions may establish the project as lump sum, in accordance with Section 8-01.4(1) and also include one or more of the items included above in Section 8-01.4(2). When that occurs, the corresponding measurement provision in Section 8-01.4(2) is not deleted and the Work under that item will be measured as specified.

8-01.4(4) Items not included with Lump Sum Erosion Control and Water Pollution Prevention

Compost blanket will be measured by the square yard by ground slope surface area covered and accepted.

Mulching will be measured by the acre by ground slope surface area covered and accepted.

Seeding, fertilizing, liming, mulching, and mowing, will be measured by the acre by ground slope measurement.

Seeding and fertilizing by hand will be measured by the square yard by ground slope measurement. No adjustment in area size will be made for the vegetation free zone around each plant.

Fencing will be measured by the linear foot along the ground line of the completed fence.

8-01.5 Payment

This section's content is deleted and replaced with the following new subsections:

8-01.5(1) Lump Sum Bid for Project (No Unit Items)

Payment will be made for the following Bid item when it is included in the Proposal:

“Erosion Control and Water Pollution Prevention”, lump sum.

The lump sum Contract price for “Erosion Control and Water Pollution Prevention” shall be full pay to perform the Work as described in Section 8-01 except for costs compensated by Bid Proposal items inserted through Contract Provisions as

described in Section 8-01.4(2). Progress payments for the lump sum item "Erosion Control and Water Pollution Prevention" will be made as follows:

1. The Contracting Agency will pay 15 percent of the bid amount for the initial set up for the item. Initial set up includes the following:
 - a. Acceptance of the TESC Plan provided by the Contracting Agency or submittal of a new TESC Plan,
 - b. Submittal of a schedule for the installation of the BMPs, and
 - c. Identifying water quality sampling locations.
2. 70 percent of the bid amount will be paid in accordance with Section 1-09.9.
3. Once the project is physically complete and copies of the all reports submitted to the Washington State Department of Ecology have been submitted to the Engineer, and, if applicable, transference of the CSWGP back to the Contracting Agency is complete, the remaining 15 percent of the bid amount shall be paid in accordance with Section 1-09.9.

8-01.5(2) Item Bids

"ESC Lead", per day.

"Turbidity Curtain", per linear foot.

"Biodegradable Erosion Control Blanket", per square yard.

"Plastic Covering", per square yard.

"Check Dam", per linear foot.

"Inlet Protection", per each.

"Gravel Filter Berm", per linear foot.

"Stabilized Construction Entrance", per square yard.

"Street Cleaning", per hour.

"Silt Fence", per linear foot.

"Wood Chip Berm", per linear foot.

"Compost Berm", per linear foot.

"Wattle", per linear foot.

"Compost Sock", per linear foot.

"Coir Log", per linear foot.

1
2 "Temporary Curb", per linear foot.
3
4 "Temporary Pipe Slope Drain", per linear foot.
5
6 "Temporary Seeding", per acre.
7
8 "Outlet Protection", per each.
9
10 "Tackifier", per acre.
11
12 "Erosion/Water Pollution Control", by force account as provided in Section 1-09.6.
13
14 Maintenance and removal of erosion and water pollution control devices including
15 removal and disposal of sediment, stabilization and rehabilitation of soil disturbed
16 by these activities, and any additional Work deemed necessary by the Engineer to
17 control erosion and water pollution will be paid by force account in accordance with
18 Section 1-09.6.
19
20 To provide a common Proposal for all Bidders, the Contracting Agency has entered an
21 amount in the Proposal to become a part of the Contractor's total Bid.
22
23 **8-01.5(3) Reinstating Unit Items with Lump Sum Erosion Control and**
24 **Water Pollution Prevention**
25 The Contract may establish the project as lump sum, in accordance with Section 8-01.4(1)
26 and also reinstate the measurement of one or more of the items described in Section 8-
27 01.4(2), except for Erosion/Water Pollution Control, by force account. When that occurs,
28 the corresponding payment provision in Section 8-01.5(2) is not deleted and the Work
29 under that item will be paid as specified.
30
31 **8-01.5(4) Items not included with Lump Sum Erosion Control and Water**
32 **Pollution Prevention**
33 Payment will be made for each of the following Bid items when they are included in the
34 Proposal:
35
36 "Compost Blanket", per square yard.
37
38 "Mulching", per acre
39
40 "Mulching with PAM", per acre
41
42 "Mulching with Short-Term Mulch", per acre.
43
44 "Mulching with Moderate-Term Mulch", per acre.
45
46 "Mulching with Long-Term Mulch", per acre.
47
48 "Seeding, Fertilizing and Mulching", per acre.
49
50 "Seeding and Fertilizing", per acre.
51

- 1 "Seeding and Fertilizing by Hand", per square yard.
2
3 "Second Application of Fertilizer", per acre.
4
5 "Liming", per acre.
6
7 "Mowing", per acre.
8
9 "Seeding and Mulching", per acre.
10
11 "High Visibility Fence", per linear foot.
12

13 **Section 8-02, Roadside Restoration**
14 **January 2, 2018**

15 **8-02.2 Materials**

16 The reference to the material "Soil" is revised to read "Topsoil".
17

18 **8-02.5 Payment**

19 The following new paragraph is inserted following the Bid item "Plant Selection ____", per each:
20

21 The unit Contract price for "Plant Selection ____", per each shall be full pay for all Work to
22 perform the work as specified within the planting area prior to planting for weed control,
23 planting area preparation and installation of plants with initial watering.
24

25 The paragraph following the Bid item "PSIPE ____", per each is revised to read:
26

27 The unit Contract price for "PSIPE ____", per each, shall be full pay for all Work to perform
28 the work as specified within the planting area for weed control and planting area
29 preparation, planting, cleanup, and water necessary to complete planting operations as
30 specified to the end of first year plant establishment.
31

32 **Section 8-04, Curbs, Gutters, and Spillways**
33 **April 2, 2018**

34 **8-04.2 Materials**

35 In the first paragraph, the reference to "Portland Cement" is revised to read:
36

37 Cement 9-01
38

39 **8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways**

40 The first paragraph is supplemented with the following:
41

42 Roundabout truck apron cement concrete curb and gutter shall be constructed with air
43 entrained concrete Class 4000 conforming to the requirements of Section 6-02.
44

1 **Section 8-06, Cement Concrete Driveway Entrances**

2 **April 2, 2018**

3 **8-06.2 Materials**

4 In the first paragraph, the reference to "Portland Cement" is revised to read:

5
6 Cement 9-01

7
8 **8-06.3 Construction Requirements**

9 The first paragraph is revised to read:

10
11 Cement concrete driveway approaches shall be constructed with air entrained concrete
12 Class 4000 conforming to the requirements of Section 6-02 or Portland Cement or
13 Blended Hydraulic Cement Concrete Pavement conforming to the requirements of
14 Section 5-05.

15
16 **Section 8-07, Precast Traffic Curb**

17 **April 2, 2018**

18 **8-07.3(1) Installing Curbs**

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

20
21 The curb shall be firmly bedded for its entire length and breadth on a mortar bed
22 conforming to Section 9-20.4(3) composed of one part Portland cement or blended
23 hydraulic cement and two parts sand.

24
25 The fourth paragraph is revised to read:

26
27 All joints between adjacent pieces of curb except joints for expansion and/or drainage as
28 designated by the Engineer shall be filled with mortar composed of one part Portland
29 cement or blended hydraulic cement and two parts sand.

30
31 **Section 8-11, Guardrail**

32 **August 6, 2018**

33 **8-11.3(1)C Terminal and Anchor Installation**

34 The first paragraph is revised to read:

35
36 All excavation and backfilling required for installation of anchors shall be performed in
37 accordance with Section 2-09, except that the costs thereof shall be included in the unit
38 Contract price for the anchor installed.

39
40 The first sentence of the second to last paragraph is revised to read:

41
42 Assembly and installation of Beam Guardrail Non-flared Terminals for Type 31 guardrail
43 shall be supervised at all times by a manufacturer's representative, or an installer who
44 has been trained and certified by the manufacturer.

45
46 The last paragraph is revised to read:

47

1 Beam Guardrail Non-flared Terminals for Type 31 guardrail shall meet the crash test and
2 evaluation criteria in the Manual for Assessing Safety Hardware (MASH).

3
4 **8-11.4 Measurement**

5 The third paragraph is revised to read:

6
7 Measurement of beam guardrail _____ terminal will be per each for the
8 completed terminal.

9
10 The fourth paragraph is revised to read:

11
12 Measurement of beam guardrail Type 31 buried terminal Type 2 will be per linear foot for
13 the completed terminal.

14
15 The sixth paragraph is revised to read:

16
17 Measurement of beam guardrail anchor Type 10 will be per each for the completed
18 anchor, including the attachment of the anchor to the guardrail.

19
20 **8-11.5 Payment**

21 The Bid item "Beam Guardrail Anchor Type ____", per each is revised to read "Beam Guardrail
22 Anchor Type 10", per each.

23
24 The Bid item "Beam Guardrail Buried Terminal Type 1", per each is deleted from this section.

25
26 The Bid item "Beam Guardrail Buried Terminal Type 2", per linear foot and the following
27 paragraph are revised to read:

28
29 "Beam Guardrail Type 31 Buried Terminal Type 2", per linear foot.

30
31 The unit Contract price per linear foot for "Beam Guardrail Type 31 Buried Terminal Type
32 2" shall be full payment for all costs to obtain and provide materials and perform the Work
33 as described in Section 8-11.3(1)C.

34
35 **Section 8-14, Cement Concrete Sidewalks**

36 **April 2, 2018**

37 **8-14.2 Materials**

38 In the first paragraph, the reference to "Portland Cement" is revised to read:

39
40 Cement 9-01

41
42 In the second paragraph, each reference to "Federal Standard 595" is revised to read "SAE
43 AMS Standard 595".

44
45 **Section 8-16, Concrete Slope Protection**

46 **April 2, 2018**

47 **8-16.2 Materials**

48 In the first paragraph, the last two material references are revised to read:

49

1	Poured	Portland	Cement	or	Blended	Hydraulic	Cement
2	Concrete Slope Protection				9-13.5(2)		
3	Pneumatically	Placed	Portland		Cement	or	Blended
4	Hydraulic Cement Concrete Slope Protection				9-13.5(3)		

Section 8-17, Impact Attenuator Systems

August 6, 2018

8-17.3 Construction Requirements

This section is supplemented with the following:

Impact attenuators shall meet the crash test and evaluation criteria of NCHRP 350 or the Manual for Assessing Safety Hardware (MASH).

Section 8-20, Illumination, Traffic Signal Systems, Intelligent Transportation Systems, and Electrical

August 6, 2018

8-20.1(1) Regulations and Code

The last paragraph is revised to read:

Persons performing electrical Work shall be certified in accordance with and supervised as required by RCW 19.28.161. Proof of certification shall be worn at all times in accordance with WAC 296-46B-942. Persons failing to meet these certification requirements may not perform any electrical work, and shall stop any active electrical work, until their certification is provided and worn in accordance with this Section.

8-20.2(2) Equipment List and Drawings

This section is renumbered:

8-20.2(1) Equipment List and Drawings

8-20.3(4) Foundations

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

Concrete for Type II, III, IV, V, and CCTV signal standards and light standard foundations shall be Class 4000P and does not require air entrainment.

8-20.3(5)A General

The last two sentences of the last paragraph is deleted.

This section is supplemented with the following:

All conduits shall include a pull tape with the equipment grounding conductor. The pull tape shall be attached to the conduit near the end bell or grounded end bushing, or to duct plugs or caps if present, at both ends of the conduit.

8-20.3(8) Wiring

The seventeenth paragraph is supplemented with the following:

1 Pulling tape shall meet the requirements of Section 9-29.1(10). Pull string may not be
2 used.

3
4 **8-20.3(14)C Induction Loop Vehicle Detectors**

5 Item number 2 is deleted.

6
7 Item numbers 3 through 12 are renumbered to 2 through 11, respectively.

8
9 **Section 8-21, Permanent Signing**

10 **January 2, 2018**

11 **8-21.3(9)F Foundations**

12 Item number 3 of the twelfth paragraph is supplemented with the following new sentence:

13
14 Class 4000P concrete for roadside sign structures does not require air entrainment.

15
16 **Section 9-02, Bituminous Materials**

17 **April 2, 2018**

18 **9-02.1 Asphalt Material, General**

19 The second paragraph is revised to read:

20
21 The Asphalt Supplier of Performance Graded (PG) asphalt binder and emulsified asphalt
22 shall have a Quality Control Plan (QCP) in accordance with WSDOT QC 2 "Standard
23 Practice for Asphalt Suppliers That Certify Performance Graded and Emulsified Asphalts".
24 The Asphalt Supplier's QCP shall be submitted and receive the acceptance of the
25 WSDOT State Materials Laboratory. Once accepted, any change to the QCP will require
26 a new QCP to be submitted for acceptance. The Asphalt Supplier of PG asphalt binder
27 and emulsified asphalt shall certify through the Bill of Lading that the PG asphalt binder
28 or emulsified asphalt meets the Specification requirements of the Contract.

29
30 **9-02.1(4) Performance Graded Asphalt Binder (PGAB)**

31 This section's title is revised to read:

32
33 **Performance Graded (PG) Asphalt Binder**

34
35 The first paragraph is revised to read:

36
37 PG asphalt binder meeting the requirements of AASHTO M 332 Table 1 of the grades
38 specified in the Contract shall be used in the production of HMA. For HMA with greater
39 than 20 percent RAP by total weight of HMA, or any amount of RAS, the new asphalt
40 binder, recycling agent and recovered asphalt (RAP and/or RAS) when blended in the
41 proportions of the mix design shall meet the PG asphalt binder requirements of AASHTO
42 M 332 Table 1 for the grade of asphalt binder specified by the Contract.

43
44 The second paragraph, including the table, is revised to read:

45
46 In addition to AASHTO M 332 Table 1 specification requirements, PG asphalt binders
47 shall meet the following requirements:

48

		Additional Requirements by Performance Grade (PG) Asphalt Binders					
Property	Test Method	PG58S-22	PG58H-22	PG58V-22	PG64S-28	PG64H-28	PG64V-28
RTFO Residue: Average Percent Recovery @ 3.2 kPa	AASHTO T 350 ¹			30% Min.	20% Min.	25% Min.	30% Min.
¹ Specimen conditioned in accordance with AASHTO T 240 – RTFO.							

The third paragraph is revised to read:

The RTFO $J_{nr diff}$ and the PAV direct tension specifications of AASHTO M 332 are not required.

This section is supplemented with the following:

If the asphalt binder verification sample test results fail to meet AASHTO Test Method T 350 “Standard Method of Test for Multiple Stress Creep Recovery (MSCR) Test of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)” for average percent recovery @ 3.2 kPa for the applicable grades of binder in accordance with Section 9-02.1(4), the Contracting Agency may elect to test the sample using AASHTO Test Method T 301 “Standard Method of Test for Elastic Recovery Test of Asphalt Materials by Means of a Ductilometer.”

When AASHTO T 301 is used, a minimum of 65% elastic recovery (ER) will be required when tested at 25°C ± 0.5°C.

9-02.1(6) Cationic Emulsified Asphalt

This section is revised to read:

Cationic Emulsified Asphalt meeting the requirements of AASHTO M 208 Table 1 of the grades specified in the Contract shall be used.

9-02.5 Warm Mix Asphalt (WMA) Additive

This section, including title, is revised to read:

9-02.5 HMA Additive

Additives for HMA shall be accepted by the Engineer.

Section 9-03, Aggregates **August 6, 2018**

9-03.1 Aggregates for Portland Cement Concrete

This section's title is revised to read:

Aggregates for Concrete

9-03.1(1) General Requirements

The first two sentences of the first paragraph are revised to read:

Concrete aggregates shall be manufactured from ledge rock, talus, or sand and gravel in accordance with the provisions of Section 3-01. Reclaimed aggregate may be used if it complies with the specifications for concrete.

The second paragraph (up until the colon) is revised to read:

Aggregates for concrete shall meet the following test requirements:

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

The Contractor shall submit test results according to ASTM C1567 through the Engineer to the State Materials Laboratory that demonstrate that the proposed fly ash when used with the proposed aggregates and cement will control the potential expansion to 0.20 percent or less before the fly ash and aggregate sources may be used in concrete.

9-03.1(2) Fine Aggregate for Portland Cement Concrete

This section's title is revised to read:

Fine Aggregate for Concrete

9-03.1(4) Coarse Aggregate for Portland Cement Concrete

This section's title is revised to read:

Coarse Aggregate for Concrete

9-03.1(4)C Grading

The first paragraph (up until the colon) is revised to read:

Coarse aggregate for concrete when separated by means of laboratory sieves shall conform to one or more of the following gradings as called for elsewhere in these Specifications, Special Provisions, or in the Plans:

9-03.1(5) Combined Aggregate Gradation for Portland Cement Concrete

This section's title is revised to read:

Combined Aggregate Gradation for Concrete

9-03.1(5)B Grading

In the last paragraph, "WSDOT FOP for WAQTC/AASHTO T 27/T 11" is revised to read "FOP for WAQTC/AASHTO T 27/T 11".

9-03.2 Aggregate for Job-Mixed Portland Cement Mortar

This section's title is revised to read:

Aggregate for Job-Mixed Portland Cement or Blended Hydraulic Cement Mortar

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

Fine aggregate for portland cement or blended hydraulic cement mortar shall consist of sand or other inert materials, or combinations thereof, accepted by the Engineer, having hard, strong, durable particles free from adherent coating.

9-03.4(1) General Requirements

The first paragraph (up until the colon) is revised to read:

Aggregate for bituminous surface treatment shall be manufactured from ledge rock, talus, or gravel, in accordance with Section 3-01. Aggregates for Bituminous Surface Treatment shall meet the following test requirements:

9-03.8(1) General Requirements

The first paragraph (up until the colon) is revised to read:

Aggregates for Hot Mix Asphalt shall meet the following test requirements:

9-03.8(2) HMA Test Requirements

The two tables in the second paragraph are replaced with the following three tables:

Mix Criteria	HMA Class							
	$\frac{3}{8}$ inch		$\frac{1}{2}$ inch		$\frac{3}{4}$ inch		1 inch	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Voids in Mineral Aggregate (VMA), %	15.0		14.0		13.0		12.0	
Voids Filled With Asphalt (VFA), %								
ESAL's (millions)	VFA							
< 0.3	70	80	70	80	70	80	67	80
0.3 to < 3	65	78	65	78	65	78	65	78
≥ 3	73	76	65	75	65	75	65	75
Dust/Asphalt Ratio	0.6	1.6	0.6	1.6	0.6	1.6	0.6	1.6

Test Method	ESAL's (millions)	Number of Passes
Hamburg Wheel-Track Testing, FOP for AASHTO T 324 Minimum Number of Passes with no Stripping Inflection Point and Maximum Rut Depth of 10mm	< 0.3	10,000
	0.3 to < 3	12,500
	≥ 3	15,000
Indirect Tensile (IDT) Strength (psi) of Bituminous Materials FOP for ASTM D6931		175 Maximum

	ESAL's (millions)	N initial	N design	N maximum
% Gmm	< 0.3	≤ 91.5	96.0	≤ 98.0
	0.3 to < 3	≤ 90.5	96.0	≤ 98.0

	≥ 3	≤ 89.0	96.0	≤ 98.0
Gyratory Compaction (number of gyrations)	< 0.3	6	50	75
	0.3 to < 3	7	75	115
	> 3	8	100	160

9-03.8(7) HMA Tolerances and Adjustments

In the table in item number 1, the fifth row is revised to read:

Asphalt binder	-0.4% to 0.5%		$\pm 0.7\%$
----------------	---------------	--	-------------

In the table in item number 1, the following new row is inserted before the last row:

Voids in Mineral Aggregate, VMA	-1.5%		
------------------------------------	-------	--	--

9-03.9(1) Ballast

The second paragraph (up until the colon) is revised to read:

Aggregates for ballast shall meet the following test requirements:

9-03.14(4) Gravel Borrow for Structural Earth Wall

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

The material shall be substantially free of shale or other soft, poor durability particles, and shall not contain recycled materials, such as glass, shredded tires, concrete rubble, or asphaltic concrete rubble.

9-03.21(1)E Table on Maximum Allowable percent (By Weight) of Recycled Material

"Portland Cement" is deleted from the first two rows in the table.

The first column of the third row is revised to read:

Coarse Aggregate for Commercial Concrete and Class 3000 Concrete

Section 9-04, Joint and Crack Sealing Materials April 2, 2018

9-04.1(2) Premolded Joint Filler for Expansion Joints

In this section, each reference to "AASHTO T 42" is revised to read "ASTM D 545".

9-04.2(1)A1 Hot Poured Sealant for Cement Concrete Pavement

This section is supplemented with the following:

Hot poured sealant for cement concrete pavement is acceptable for installations in joints where cement concrete pavement abuts a bituminous pavement.

9-04.2(1)A2 Hot Poured Sealant for Bituminous Pavement

This section is supplemented with the following:

Hot poured sealant for bituminous pavement is acceptable for installations in joints where cement concrete pavement abuts a bituminous pavement.

9-04.2(1)B Sand Slurry for Bituminous Pavement

Item number 2 of the first paragraph is revised to read:

2. Two percent portland cement or blended hydraulic cement, and

9-04.3 Joint Mortar

The first paragraph is revised to read:

Mortar for hand mortared joints shall conform to Section 9-20.4(3) and consist of one part portland cement or blended hydraulic cement, three parts fine sand, and sufficient water to allow proper workability.

Section 9-05, Drainage Structures and Culverts

April 2, 2018

9-05.3(1)C Age at Shipment

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

Unless it is tested and accepted at an earlier age, it shall not be considered ready for shipment sooner than 28 days after manufacture when made with Type II portland cement or blended hydraulic cement, nor sooner than 7 days when made with Type III portland cement.

Section 9-06, Structural Steel and Related Materials

August 6, 2018

9-06.5 Bolts

This section's title is revised to read:

Bolts and Rods

9-06.5(4) Anchor Bolts

This section, including title, is revised to read:

9-06.5(4) Anchor Bolts and Anchor Rods

Anchor bolts and anchor rods shall meet the requirements of ASTM F1554 and, unless otherwise specified, shall be Grade 105 and shall conform to Supplemental Requirements S2, S3, and S4.

Nuts for ASTM F1554 Grade 105 black anchor bolts and anchor rods shall conform to ASTM A563, Grade D or DH. Nuts for ASTM F1554 Grade 105 galvanized anchor bolts and anchor rods shall conform to either ASTM A563, Grade DH, or AASHTO M292, Grade 2H, and shall conform to the overtapping, lubrication, and rotational testing requirements in Section 9-06.5(3). Nuts for ASTM F1554 Grade 36 or 55 black or galvanized anchor bolts and anchor rods shall conform to ASTM A563, Grade A or DH. Washers shall conform to ASTM F436.

1
2 The bolts and rods shall be tested by the manufacturer in accordance with the
3 requirements of the pertinent Specification and as specified in these Specifications.
4 Anchor bolts, anchor rods, nuts, and washers shall be inspected prior to shipping to the
5 project site. The Contractor shall submit to the Engineer for acceptance a Manufacturer's
6 Certificate of Compliance for the anchor bolts, anchor rods, nuts, and washers, as defined
7 in Section 1-06.3. If the Engineer deems it appropriate, the Contractor shall provide a
8 sample of the anchor bolt, anchor rod, nut, and washer for testing.
9

10 All bolts, rods, nuts, and washers shall be marked and identified as required in the
11 pertinent Specification.
12

13 **9-06.17 Vacant**

14 This section, including title, is revised to read:
15

16 **9-06.17 Noise Barrier Wall Access Door**

17 Access door frames shall be formed of 14-gauge steel to the size and dimensions shown
18 in the Plans. The access door frame head and jamb members shall be mitered, securely
19 welded, and ground smooth. Each head shall have two anchors and each jamb shall have
20 three anchors. The hinges shall be reinforced with ¼-inch by 12-inch plate, width equal
21 to the full inside width of the frame.
22

23 Access doors shall be full flush 1-¾-inch thick seamless doors with a polystyrene core.
24 Door faces shall be constructed with smooth seamless 14-gauge roller-levered, cold-
25 rolled steel sheet conforming to ASTM A 792 Type SS, Grade 33 minimum, Coating
26 Designation AZ55 minimum. The vertical edges shall be neat interlocked hemmed edge
27 seam. The top and bottom of the door shall be enclosed with 14-gauge channels. Mortise
28 and reinforcement for locks and hinges shall be 10-gauge steel. Welded top cap shall be
29 ground and filled for exterior applications. The bottom channel shall have weep holes.
30

31 Each access door shall have three hinges. Access door hinges shall be ASTM A 276 Type
32 316 stainless steel, 4-½-inches square, with stainless steel ball bearing and non-
33 removable pins.
34

35 Each access door shall have two pull plates. The pull plates shall be ASTM A 240 Type
36 316 stainless steel, with a grip handle of one-inch diameter and 8 to 10-inches in length.
37

38 The door assembly shall be fabricated and assembled as a complete unit including all
39 hardware specified prior to shipment.
40

41 **9-06.18 Metal Bridge Railing**

42 The second sentence of the first paragraph is revised to read:
43

44 Steel used for metal railings, when galvanized after fabrication in accordance with
45 AASHTO M111, shall have a controlled silicon content of either 0.00 to 0.06 percent or
46 0.15 to 0.25 percent.
47

1 **Section 9-07, Reinforcing Steel**
2 **April 2, 2018**

3 **9-07.5(2) Corrosion Resistant Dowel Bars (for Cement Concrete Pavement and**
4 **Cement Concrete Pavement Rehabilitation)**

5 The first paragraph (up until the colon) is revised to read:

6
7 Corrosion resistant dowel bars shall be 1½ inch outside diameter plain round steel bars
8 or tubular bars 18 inches in length and meet the requirements of one of the following:
9

10 Item number 4 and 5 of the first paragraph are revised to read:

- 11
12 4. Corrosion-resistant, low-carbon, chromium plain steel bars for concrete
13 reinforcement meeting all the requirements of ASTM A 1035 Alloy Type CS Grade
14 100 or Alloy Type CS Grade 120.
15
16 5. Zinc Clad dowel bars shall be 1½ inch solid bars or tubular bars with 1.695 inch
17 outside diameter by 0.120 inch wall and shall have a minimum 0.035 inch A710 Zinc
18 alloy clad to a plain steel inner bar meeting the chemical and physical properties of
19 AASHTO M 31, Grade 60, or AASHTO M 255, Grade 60. A710 Zinc shall be
20 composed of: zinc: 99.5 percent, by weight, minimum; copper: 0.1-0.25 percent, by
21 weight; and iron: 0.0020 percent, by weight, maximum. Each end of tubular bars shall
22 be plugged using a snug-fitting insert to prohibit any intrusion of concrete or other
23 materials.
24

25 **Section 9-08, Paints and Related Materials**
26 **January 2, 2018**

27 **9-08.1(2)K Orange Equipment Enamel**

28 In the second sentence of the first paragraph, the reference to "Federal Standard 595" is
29 revised to read "SAE AMS Standard 595".
30

31 **9-08.1(8) Standard Colors**

32 In the first paragraph, the reference to "Federal Standard 595" is revised to read "SAE AMS
33 Standard 595".
34

35 **Section 9-13, Riprap, Quarry Spalls, Slope Protection, and Rock for Erosion**
36 **and Scour Protection and Rock Walls**
37 **April 2, 2018**

38 **9-13.1(1) General**

39 The last paragraph is revised to read:

40
41 Riprap and quarry spalls shall be free from segregation, seams, cracks, and other defects
42 tending to destroy its resistance to weather and shall meet the following test requirements:
43

44 **9-13.5 Concrete Slope Protection**

45 This section is revised to read:
46

1 Concrete slope protection shall consist of reinforced portland cement or blended hydraulic
2 cement concrete poured or pneumatically placed upon the slope with a rustication joint
3 pattern or semi-open concrete masonry units placed upon the slope closely adjoining
4 each other.

5
6 **9-13.5(2) Poured Portland Cement Concrete Slope Protection**

7 This section's title is revised to read:

8
9 **Poured Portland Cement or Blended Hydraulic Cement Concrete Slope**
10 **Protection**

11
12 **9-13.5(3) Pneumatically Placed Portland Cement Concrete Slope Protection**

13 This section's title is revised to read:

14
15 **Pneumatically Placed Portland Cement or Blended Hydraulic Cement**
16 **Concrete Slope Protection**

17
18 The first paragraph is revised to read:

19
20 **Cement** – This material shall be portland cement or blended hydraulic cement as
21 specified in Section 9-01.

22
23 **9-13.7(1) Rock for Rock Walls and Chinking Material**

24 The first paragraph (up until the colon) is revised to read:

25
26 Rock for rock walls and chinking material shall be hard, sound and durable material,
27 free from seams, cracks, and other defects tending to destroy its resistance to weather,
28 and shall meet the following test requirements:

29
30 **Section 9-14, Erosion Control and Roadside Planting**
31 **August 6, 2018**

32 **9-14.4(2) Hydraulically Applied Erosion Control Products (HECPs)**

33 In Table 1, the last four rows are deleted.

34
35 **9-14.4(2)A Long-Term Mulch**

36 The first paragraph is supplemented with the following:

37
38 Products containing cellulose fiber produced from paper or paper components will not be
39 accepted.

40
41 Table 2 is supplemented with the following new rows:

42

Water Holding Capacity	ASTM D 7367	800 percent minimum
Organic Matter Content	AASHTO T 267	90 percent minimum
Seed Germination Enhancement	ASTM D 7322	Long Term 420 percent minimum

43
44

1 **9-14.4(2)B Moderate-Term Mulch**

2 This section is revised to read:

3

4 Within 48 hours of application, the Moderate-Term Mulch shall bond with the soil surface
5 to create a continuous, absorbent, flexible, erosion-resistant blanket. Moderate-Term
6 Mulch shall effectively perform the intended erosion control function in accordance with
7 Section 8-01.3(1) for a minimum of 3 months, or until temporary vegetation has been
8 established, whichever comes first.

9

10 Moderate-Term Mulch shall not be used in conjunction with permanent seeding.

11

12 **9-14.4(2)C Short-Term Mulch**

13 This section is revised to read:

14

15 Short-Term Mulch shall effectively perform the intended erosion control function in
16 accordance with Section 8-01.3(1) for a minimum of 2 months, or until temporary
17 vegetation has been established, whichever comes first. Short-Term Mulch shall not be
18 used in conjunction with permanent seeding.

19

20 **Section 9-16, Fence and Guardrail**

21 **August 6, 2018**

22 **9-16.3(1) Rail Element**

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

24

25 All rail elements shall be formed from 12-gage steel except for thrie beam reducer
26 sections, reduced length thrie beam rail elements, thrie beams used for bridge rail
27 retrofits, and Design F end sections, which shall be formed from 10-gage steel.

28

29 **9-16.3(5) Anchors**

30 The last paragraph is revised to read:

31

32 Cement grout shall conform to Section 9-20.3(4) and consist of one part portland cement
33 or blended hydraulic cement and two parts sand.

34

35 **Section 9-18, Precast Traffic Curb**

36 **April 2, 2018**

37 **9-18.1(1) Aggregates and Proportioning**

38 Item number 1 of the first paragraph is revised to read:

39

- 40 1. Portland cement or blended hydraulic cement shall conform to the requirements of
41 Section 9-01 except that it may be Type I portland cement conforming to AASHTO M
42 85.

43

44 **Section 9-20, Concrete Patching Material, Grout, and Mortar**

45 **August 6, 2018**

46 **9-20.1 Patching Material**

47 This section, including title, is revised to read:

9-20.1 Patching Material for Cement Concrete Pavement

Concrete patching material shall be prepackaged mortar extended with aggregate. The amount of aggregate for extension shall conform to the manufacturer's recommendation.

Patching mortar and patching mortar extended with aggregate shall contain cementitious material and conform to Sections 9-20.1(1) and 9-20.1(2). The Manufacturer shall use the services of a laboratory that has an equipment calibration verification system and a technician training and evaluation process in accordance with AASHTO R 18 to perform all tests specified in Section 9-20.1.

9-20.1(1) Patching Mortar

Patching mortar shall conform to the following requirements:

Compressive Strength	ASTM Test Method	Specification
at 3 hours	C 39	Minimum 3,000 psi
at 24 hours	C 39	Minimum 5,000 psi
Length Change		
at 28 days	C 157	0.15 percent maximum
Total Chloride Ion Content	C 1218	1 lb/yd ³ maximum
Bond Strength		
at 24 hours	C 882 (As modified by C 928, Section 9.5)	Minimum 1,000 psi
Scaling Resistance (at 25 cycles of freezing and thawing)	C 672 (As modified by C 928, Section 9.4)	1 lb/ft ² maximum

9-20.1(2) Patching Mortar Extended with Aggregate

Patching mortar extended with aggregate shall meet the following requirements:

Compressive Strength	ASTM Test Method	Specification
at 3 hours	C 39	Minimum 3,000 psi
at 24 hours	C 39	Minimum 5,000 psi
Length Change		
at 28 days	C 157	0.15 percent maximum
Bond Strength		
at 24 hours	C 882 (As modified by ASTM C928, Section 9.5)	Minimum 1,000 psi
Scaling Resistance (at 25 cycles of freezing and thawing)	C 672	2 Maximum Visual Rating
Freeze thaw	C 666	Maximum expansion 0.10% Minimum durability 90.0%

1 **9-20.1(3) Aggregate**

2 Aggregate used to extend the patching mortar shall conform to Section 9-03.1(4) and
3 be AASHTO Grading No. 8. A Manufacturer's Certificate of Compliance shall be
4 submitted showing the aggregate source and the gradation. Mitigation for Alkali Silica
5 Reaction (ASR) will not be required for the extender aggregate used for concrete
6 patching material.
7

8 **9-20.1(4) Water**

9 Water shall meet the requirements of Section 9-25.1. The quantity of water shall be
10 within the limits recommended by the repair material manufacturer.
11

12 **9-20.2 Specifications**

13 This section, including title, is revised to read:
14

15 **9-20.2 Patching Material for Concrete Structure Repair**

16 Concrete patching material shall be a prepackaged mixture of portland or blended
17 hydraulic cement, aggregate, and admixtures. Fly ash, ground granulated blast furnace
18 slag and microsilica fume may be used. The concrete patching material may be shrinkage
19 compensated. The concrete patching material shall also meet the following requirements:
20

- 21 • Compressive strength of 6000 psi or higher at 28 days in accordance with
22 AASHTO T 22 (ASTM C 39), unless noted otherwise
- 23 • Bond strength of 250 psi or higher at 28 days or less in accordance with ASTM
24 C 1583 or ICRI 210.3R
- 25 • Shrinkage shall be 0.05 percent (500 microstrain) or lower at 28 days in
26 accordance with AASHTO T 160 (ASTM C 157) as modified by ICRI 320.3R
- 27 • Permeability shall be 2,000 coulombs or lower at 28 days in accordance with
28 AASHTO T 277 (ASTM C 1202)
- 29 • Freeze-thaw resistance shall have a durability factor of 90 percent or higher after
30 a minimum of 300 cycles in accordance with AASHTO T 161 Procedure A (ASTM
31 C 666)
- 32 • Soluble chloride ion limits in Section 6-02.3(2) shall be satisfied
33
34
35
36
37
38

39 **9-20.2(1) Patching Mortar**

40 This section, including title, is deleted in its entirety.
41

42 **9-20.2(2) Patching Mortar Extended with Aggregate**

43 This section, including title, is deleted in its entirety.
44

45 **9-20.5 Bridge Deck Repair Material**

46 Item number 3 of the first paragraph is revised to read:
47

- 48 3. Permeability of less than 2,000 coulombs at 28-days or more in accordance with
49 AASHTO T 277.
50

1 **Section 9-21, Raised Pavement Markers (RPM)**
2 **January 2, 2018**

3 **9-21.2 Raised Pavement Markers Type 2**

4 This section's content is deleted.

6 **9-21.2(1) Physical Properties**

7 This section, including title, is revised to read:

9 **9-21.2(1) Standard Raised Pavement Markers Type 2**

10 The marker housing shall contain reflective faces as shown in the Plans to reflect incident
11 light from either a single or opposite directions and meet the requirements of ASTM D
12 4280 including Flexural strength requirements.

14 **9-21.2(2) Optical Requirements**

15 This section, including title, is revised to read:

17 **9-21.2(2) Abrasion Resistant Raised Markers Type 2**

18 Abrasion Resistant Raised Markers Type 2 shall comply with Section 9-21.2(1) and meet
19 the requirements of ASTM D 4280 with the following additional requirement: The
20 coefficient of luminous intensity of the markers shall be measured after subjecting the
21 entire lens surface to the test described in ASTM D 4280 Section 9.5 using a sand drop
22 apparatus. After the exposure described above, retroreflected values shall not be less
23 than 0.5 times a nominal unblemished sample.

25 **9-21.2(3) Strength Requirements**

26 This section is deleted in its entirety.

28 **Section 9-26, Epoxy Resins**
29 **April 2, 2018**

30 **9-26.1(2) Packaging and Marking**

31 The second paragraph is revised to read:

32
33 Containers shall be identified as "Component A" (contains the Epoxy Resin) and
34 "Component B" (Contains the Curing Agent) and shall show the type, grade, class, and
35 mixing directions as defined by these Specifications. Each container shall be marked by
36 permanent marking with the name of the formulator, the lot or batch number, the date of
37 packaging, expiration date and the quantity contained in pounds or gallons. If the two
38 containers are furnished in a single cartridge, that cartridge shall be marked by permanent
39 marking to the cartridge with the name of the formulator and the lots or batch numbers
40 for both Component A and Component B, the date of packaging, expiration date, and the
41 quantity contained in ounces or milliliters.

43 **Section 9-28, Signing Materials and Fabrication**
44 **April 2, 2018**

45 **9-28.10 Vacant**

46 This section, including title, is revised to read:

47

9-28.10 Digital Printing

Transparent and opaque durable inks used in digital printed sign messages shall be as recommended by the manufacturer. When properly applied, digital printed colors shall have a warranty life of the base retroreflective sign sheeting. Digital applied colors shall present a smooth surface, free from foreign material, and all messages and borders shall be clear and sharp. Digital printed signs shall conform to 70% of the retroreflective minimum values established for its type and color. Digitally printed signs shall meet the daytime color and luminance, and nighttime color requirements of ASTM D 4956. No variations in color or overlapping of colors will be permitted. Digital printed permanent traffic signs shall have an integrated engineered match component clear protective overlay recommended by the sheeting manufacturer applied to the entire face of the sign. On Temporary construction/maintenance signs printed with black ink only, the protective overlay film is optional, as long as the finished sign has a warranty of a minimum of three years from sign sheeting manufacturer.

All digital printed traffic control signs shall be an integrated engineered match component system. The integrated engineered match component system shall consist of retroreflective sheeting, durable ink(s), and clear overlay film all from the same manufacturer applied to aluminum substrate conforming to Section 9-28.8.

The sign fabricator shall use an approved integrated engineered match component system as listed on the Qualified Products List (QPL). Each approved digital printer shall only use the compatible retroreflective sign sheeting manufacturer's engineered match component system products.

Each retroreflective sign sheeting manufacturer/integrated engineered match component system listed on the QPL shall certify a department approved sign fabricator is approved to operate their compatible digital printer. The sign fabricator shall re-certify annually with the retroreflective sign manufacturer to ensure their digital printer is still meeting manufacturer's specifications for traffic control signs. Documentation of each re-certification shall be submitted to the QPL Engineer annually.

9-28.11 Hardware

The last paragraph is revised to read:

All steel parts shall be galvanized in accordance with AASHTO M111. Steel bolts and related connecting hardware shall be galvanized in accordance with ASTM F 2329.

9-28.14(2) Steel Structures and Posts

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

Anchor rods for sign bridge and cantilever sign structure foundations shall conform to Section 9-06.5(4), including Supplemental Requirement S4 tested at -20°F.

In the second sentence of the fourth paragraph, "AASHTO M232" is revised to read "ASTM F 2329".

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

Except as otherwise noted, steel used for sign structures and posts shall have a controlled silicon content of either 0.00 to 0.06 percent or 0.15 to 0.25 percent.

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

If such modifications are contemplated, the Contractor shall submit a Type 2 Working Drawing of the proposed modifications.

Section 9-29, Illumination, Signal, Electrical August 6, 2018

9-29.1 Conduit, Innerduct, and Outerduct

This section is supplemented with the following new subsection:

9-29.1(10) Pull Tape

Pull tape shall be pre-lubricated polyester pulling tape. The pull tape shall have a minimum width of ½-inch and a minimum tensile strength of 500 pounds. Pull tape may have measurement marks.

9-29.2(1) Junction Boxes

The first paragraph is revised to read:

For the purposes of this Specification concrete is defined as portland cement or blended hydraulic cement concrete and non-concrete is all others.

9-29.2(1)A2 Non-Concrete Junction Boxes

The first paragraph is revised to read:

Material for the non-concrete junction boxes shall be of a quality that will provide for a similar life expectancy as portland cement or blended hydraulic cement concrete in a direct burial application.

9-29.2(2)A Standard Duty Cable Vaults and Pull Boxes

In the table in the last paragraph, the fourth, fifth and sixth rows are revised to read:

Slip Resistant Lid	ASTM A36 steel
Frame	ASTM A36 steel
Slip Resistant Frame	ASTM A36 steel

9-29.6 Light and Signal Standards

In the first sentence of the third paragraph, "AASHTO M232" is revised to read "ASTM F 2329".

Item number 2 of the last paragraph is revised to read:

2. The steel light and signal standard fabricator's shop drawing submittal, including supporting design calculations, submitted as a Type 2E Working Drawing in accordance with Section 8-20.2(1) and the Special Provisions.

9-29.6(1) Steel Light and Signal Standards

In the second paragraph, "AASHTO M232" is revised to read "ASTM F 2329".

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

Steel used for light and signal standards shall have a controlled silicon content of either 0.00 to 0.06 percent or 0.15 to 0.25 percent.

9-29.6(5) Foundation Hardware

In the last paragraph, "AASHTO M232" is revised to read "ASTM F 2329".

9-29.10(1) Conventional Roadway Luminaires

This section is revised to read:

All conventional roadway luminaires shall meet 3G vibration requirements as described in ANSI C136.31.

All luminaires shall have housings fabricated from aluminum. The housing shall be painted flat gray, SAE AMS Standard 595 color chip No. 26280, unless otherwise specified in the Contract. Painted housings shall withstand a 1,000 hour salt spray test as specified in ASTM B117.

Each housing shall include a four bolt slip-fitter mount capable of accepting a nominal 2" tenon and adjustable within +/- 5 degrees of the axis of the tenon. The clamping bracket(s) and the cap screws shall not bottom out on the housing bosses when adjusted within the +/- 5 degree range. No part of the slipfitter mounting brackets on the luminaires shall develop a permanent set in excess of 0.2 inch when the cap screws used for mounting are tightened to a torque of 32 foot-pounds. Each luminaire shall include leveling reference points for both transverse and longitudinal adjustment.

All luminaires shall include shorting caps when shipped. The caps shall be removed and provided to the Contracting Agency when an alternate control device is required to be installed in the photocell socket. House side shields shall be included when required by the Contract. Order codes shall be modified to the minimum extent necessary to include the option for house side shields.

This section is supplemented with the following new subsections:

9-29.10(1)A High Pressure Sodium (HPS) Conventional Roadway Luminaires

HPS conventional roadway luminaires shall meet the following requirements:

1. General shape shall be "cobrahead" style, with flat glass lens and full cutoff optics.
2. Light pattern distribution shall be IES Type III.
3. The reflector of all luminaires shall be of a snap-in design or secured with screws. The reflector shall be polished aluminum or prismatic borosilicate glass.
4. Flat lenses shall be formed from heat resistant, high-impact, molded borosilicate or tempered glass.
5. The lens shall be mounted in a doorframe assembly, which shall be hinged to the luminaire and secured in the closed position to the luminaire by means of an

- 1 automatic latch. The lens and doorframe assembly, when closed, shall exert
- 2 pressure against a gasket seat. The lens shall not allow any light output above
- 3 90 degrees nadir. Gaskets shall be composed of material capable of
- 4 withstanding the temperatures involved and shall be securely held in place.
- 5
- 6 6. The ballast shall be mounted on a separate exterior door, which shall be hinged
- 7 to the luminaire and secured in the closed position to the luminaire housing by
- 8 means of an automatic type of latch (a combination hex/slot stainless steel
- 9 screw fastener may supplement the automatic-type latch).
- 10
- 11 7. Each luminaire shall be capable of accepting a 150, 200, 250, 310, or 400 watt
- 12 lamp complete and associated ballast. Lamps shall mount horizontally.
- 13

14 **9-29.10(1)B Light Emitting Diode (LED) Conventional Roadway Luminaires**

15 LED Conventional Roadway Luminaires are divided into classes based on their
16 equivalent High Pressure Sodium (HPS) luminaires. Current classes are 200W, 250W,
17 310W, and 400W. LED luminaires are required to be pre-approved in order to verify their
18 photometric output. To be considered for pre-approval, LED luminaires must meet the
19 requirements of this section.

20
21 LED luminaires shall include a removable access door, with tool-less entry, for access to
22 electronic components and the terminal block. The access door shall be removable, but
23 include positive retention such that it can hang freely without disconnecting from the
24 luminaire housing. LED drivers may be mounted either to the interior of the luminaire
25 housing or to the removable door itself.

26
27 LED drivers shall be removable for user replacement. All internal modular components
28 shall be connected by means of mechanical plug and socket type quick disconnects. Wire
29 nuts may not be used for any purpose. All external electrical connections to the luminaire
30 shall be made through the terminal block.

31
32 LED luminaires shall include a 7-pin NEMA photocell receptacle. The LED driver(s) shall
33 be dimmable from ten volts to zero volts. LED output shall have a Correlated Color
34 Temperature (CCT) of 4000K nominal (4000-4300K) and a Color Rendering Index (CRI)
35 of 70 or greater. LED output shall be a minimum of 85% at 75,000 hours at 25 degrees
36 Celsius.

37
38 LED luminaires shall be available for 120V, 240V, and 480V supply voltages. Voltages
39 refer to the supply voltages to the luminaires present in the field. LED power usage shall
40 not exceed the following maximum values for the applicable wattage class:

Class	Max. Wattage
200W	110W
250W	165W
310W	210W
400W	275W

41
42
43 Only one brand of LED conventional roadway luminaire may be used on a Contract. They
44 do not necessarily have to be the same brand as any high-mast, underdeck, or wall-mount
45 luminaires when those types of luminaires are specified in the Contract. LED luminaires
46 shall include a standard 10 year manufacturer warranty.

The list of pre-approved LED Conventional Roadway Luminaires is available at <http://www.wsdot.wa.gov/Design/Traffic/ledluminaires.htm>.

9-29.10(2) Decorative Luminaires

This section, including title, is revised to read:

9-29.10(2) Vacant

9-29.12 Electrical Splice Materials

This section is supplemented with the following new subsections:

9-29.12(3) Splice Enclosures

9-29.12(3)A Heat Shrink Splice Enclosure

Heat shrink splice enclosures shall be medium or heavy wall cross-linked polyolefin, meeting the requirements of AMS-DTL-23053/15, with thermoplastic adhesive sealant. Heat shrink splices used for “wye” connections require rubber electrical mastic tape.

9-29.12(3)B Molded Splice Enclosure

Molded splice enclosures shall use epoxy resin in a clear rigid plastic mold. The material used shall be compatible with the insulation material of the insulated conductor or cable. The component materials of the resin insulation shall be packaged ready for convenient mixing without removing from the package.

9-29.12(4) Re-Enterable Splice Enclosure

Re-enterable splice enclosures shall use either dielectric grease or a flexible resin contained in a two-piece plastic mold. The mold shall either snap together or use stainless steel hose clamps.

9-29.12(5) Vinyl Electrical Tape for Splices

Vinyl electrical tape in splicing applications shall meet the requirements of MIL-I-24391C.

9-29.12(1) Illumination Circuit Splices

This section is revised to read:

Underground illumination circuit splices shall be solderless crimped connections capable of securely joining the wires, both mechanically and electrically, as defined in Section 8-20.3(8). Aerial illumination splices shall be solderless crimp connectors or split bolt vice-type connectors.

9-29.12(1)A Heat Shrink Splice Enclosure

This section is deleted in its entirety.

9-29.12(1)B Molded Splice Enclosure

This section is deleted in its entirety.

9-29.12(2) Traffic Signal Splice Material

This section is revised to read:

1 Induction loop splices and magnetometer splices shall use an uninsulated barrel-type
2 crimped connector capable of being soldered.
3

4 **9-29.16(2)E Painting Signal Heads**

5 In the first sentence, "Federal Standard 595" is revised to read "SAE AMS Standard 595".
6

7 **9-29.17 Signal Head Mounting Brackets and Fittings**

8 In the first paragraph, item number 2 under **Stainless Steel** is revised to read:
9

10 2. Bands or cables for Type N mount.
11

12 **9-29.20 Pedestrian Signals**

13 In item 2C of the second paragraph, "Federal Standard 595" is revised to read "SAE AMS
14 Standard 595".
15

16 **9-29.24 Service Cabinets**

17 The third sentence of item number 6 is revised to read:
18

19 The dead front cover shall have cutouts for the entire breaker array, with blank covers
20 where no circuit breakers are installed.
21

22 Item number 8 is revised to read:
23

24 8. Lighting contactors shall meet the requirements of Section 9-29.24(2).
25

26 The last sentence of item number 10 is revised to read:
27

28 Dead front panels shall prevent access to any exposed, live components, and shall cover
29 all equipment except for circuit breakers (including blank covers), the photocell
30 test/bypass switch, and the GFCI receptacle.
31

32 **9-29.24(2) Electrical Circuit Breakers and Contactors**

33 This section is revised to read:
34

35 All circuit breakers shall be bolt-on type, with the RMS-symmetrical interrupting capacity
36 described in this Section. Circuit breakers for 120/240/277 volt circuits shall be rated at
37 240 or 277 volts, as applicable, with an interrupting capacity of not less than 10,000
38 amperes. Circuit breakers for 480 volt circuits shall be rated at 480 volts, and shall have
39 an interrupting capacity of not less than 14,000 amperes.
40

41 Lighting contactors shall be rated for tungsten or ballasted (such as sodium vapor,
42 mercury vapor, metal halide, and fluorescent) lamp loads. Contactors for 120/240/277 volt
43 circuits shall be rated at 240 volts maximum line to line voltage, or 277 volts maximum
44 line to neutral voltage, as applicable. Contactors for 480 volt circuits shall be rated at 480
45 volt maximum line to line voltage.
46

1 **Section 9-33, Construction Geosynthetic**
2 **August 6, 2018**

3 **9-33.4(1) Geosynthetic Material Approval**

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

5
6 If the geosynthetics material is not listed in the current WSDOT QPL, a Manufacturer's
7 Certificate of Compliance including Certified Test Reports of each proposed geosynthetic
8 shall be submitted to the State Materials Laboratory in Tumwater for evaluation.
9

10 The last paragraph is revised to read:

11
12 Geosynthetics used as reinforcement in permanent geosynthetic retaining walls,
13 reinforced slopes, reinforced embankments, and other geosynthetic reinforcement
14 applications require proof of compliance with the National Transportation Product
15 Evaluation Program (NTPEP) in accordance with AASHTO Standard Practice R 69,
16 Standard Practice for Determination of Long-Term Strength for Geosynthetic
17 Reinforcement.
18

19 **Section 9-34, Pavement Marking Material**
20 **January 2, 2018**

21 **9-34.2(2) Color**

22 Each reference to "Federal Standard 595" is revised to read "SAE AMS Standard 595".
23

24 **9-34.2(5) Low VOC Waterborne Paint**

25 The heading "Standard Waterborne Paint" is supplemented with "Type 1 and 2".
26

27 The heading "High-Build Waterborne Paint" is supplemented with "Type 4".
28

29 The heading "Cold Weather Waterborne Paint" is supplemented with "Type 5".
30

31 In the row beginning with "° @90°F", each minimum value is revised to read "60".
32

33 In the row beginning with "Fineness of Grind, (Hegman Scale)", each minimum value is revised
34 to read "3".
35

36 The last four rows are replaced with the following:
37

Vehicle Composition	ASTM D 2621	100% acrylic emulsion	100% cross-linking acrylic ⁴	100% acrylic emulsion
Freeze-Thaw Stability, KU	ASTM D 2243 and D 562	@ 5 cycles show no coagulation or change in viscosity greater than ± 10 KU	@ 5 cycles show no coagulation or change in viscosity greater than ± 10 KU	@ 3 cycles show no coagulation or change in viscosity greater than ± 10 KU
Heat Stability	ASTM D 562 ²	± 10 KU from the initial viscosity	± 10 KU from the initial viscosity	± 10 KU from the initial Viscosity
Low Temperature Film Formation	ASTM D 2805 ³	No Cracks*		No Cracks

Cold Flexibility ⁵	ASTM D522	Pass at 0.5 in mandrel*		
Test Deck Durability ⁶	ASTM D913	≥70% paint retention in wheel track*		
Mud Cracking	(See note 7)	No Cracks	No Cracks	

After the preceding Amendments are applied, the following new column is inserted after the "Standard Waterborne Paint Type 1 and 2" column:

Semi-Durable Waterborne Paint Type 3			
White		Yellow	
Min.	Max.	Min.	Max.
Within ± 0.3 of qualification sample			
80	95	80	95
60		60	
77		77	
	65		65
43		43	
	1.25		1.25
3		3	
0.98		0.96	
88		50	
100°		100°	
9.5		9.5	
	10		10
100% acrylic emulsion			
@ 5 cycles show no coagulation or change in viscosity greater than ± 10 KU			
± 10 KU from the initial viscosity			
No Cracks			
Pass at 0.25 in mandrel			
≥70% paint retention in wheel track			
No Cracks			

The footnotes are supplemented with the following:

⁴Cross-linking acrylic shall meet the requirements of federal specification TT-P-1952F Section 3.1.1.

⁵Cold Flexibility: The paint shall be applied to an aluminum panel at a wet film thickness of 15 mils and allowed to dry under ambient conditions (50±10% RH and 72±5 °F) for 24 hours. A cylindrical mandrel apparatus (in accordance with ASTM D522 method B) shall be put in a 40°F refrigerator when the paint is drawn down. After 24 hours, the aluminum panel with dry paint shall be put in the 40°F refrigerator with the mandrel apparatus for 2 hours. After 2 hours, the panel and test apparatus shall be removed and immediately tested to according to ASTM D522 to evaluate cold flexibility. Paint must show no

1 evidence of cracking, chipping or flaking when bent 180 degrees over a mandrel bar of
2 specified diameter.
3
4 ⁶NTPEP test deck, or a test deck conforming to ASTM D713, shall be conducted for a
5 minimum of six months with the following additional requirements: it shall be applied at
6 15 wet mils to a test deck that is located at 40N latitude or higher with at least 10,000 ADT
7 and which was applied during the months of September through November.
8
9 ⁷Paint is applied to an approximately 4"x12" aluminum panel using a drawdown bar with
10 a 50 mil gap. The coated panel is allowed to dry under ambient conditions (50±10% RH
11 and 72±5 °F) for 24 hours. Visual evaluation of the dry film shall reveal no cracks.
12

13 **9-34.3 Plastic**

14 In the first sentence of the last paragraph, "Federal Standard 595" is revised to read "SAE
15 AMS Standard 595".
16

17 **9-34.3(2) Type B – Pre-Formed Fused Thermoplastic**

18 In the last two paragraphs, each reference to "Federal Standard 595" is revised to read "SAE
19 AMS Standard 595".
20

21 **9-34.7(1) Requirements**

22 The first paragraph is revised to read:
23

24 Field performance evaluation is required for low VOC solvent-based paint per Section 9-
25 34.2(4), Type A – liquid hot applied thermoplastic per Section 9-34.3(1), Type B –
26 preformed fused thermoplastic per Section 9-34.3(2), Type C – cold applied preformed
27 tape per Section 9-34.3(3), and Type D – liquid applied methyl methacrylate per Section
28 9-34.3(4).
29

30 The last paragraph is deleted.
31

32 **9-34.7(1)C Auto No-Track Time**

33 The first paragraph is revised to read:
34

35 Auto No-Track Time will only be required for low VOC solvent-based paint in accordance
36 with Section 9-34.2(4).
37

38 The second and third sentences of the second paragraph are deleted.
39
40

SPECIAL PROVISIONS

The following Special Provisions are made a part of this contract and supersede any conflicting provisions of the 2018 Standard Specifications for Road, Bridge and Municipal Construction and the foregoing Amendments to the Standard Specifications.

Several types of Special Provisions are included in this contract; General, Region, Bridges and Structures, and Project Specific. Special Provisions types are differentiated as follows:

(date)	General Special Provision
(*****)	Notes a revision to a General Special Provision and also notes a Project Specific Special Provision.
Bold & Underlined	Indicates a minor addition to a Special Provision
(Regions ¹ date)	Region Special Provision
(BSP date)	Bridges and Structures Special Provision
(date APWA GSP)	Local Agency General Special Provision, which has been approved by the APWA Div. 1 Subcommittee.
(date SkagitR)	Skagit County General Special Provision
(date SkagitF)	Skagit County Ferry General Special Provision

General Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a "fill-in".

Region Special Provisions are commonly applicable within the designated Region. Region designations are as follows:

<u>Regions¹</u>	
NWR	Northwest Region
WSF	Washington State Ferries Division

Bridges and Structures Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a "fill-in".

Project Specific Special Provisions normally appear only in the contract for which they were developed.

Skagit County General Special Provisions are only applicable in Skagit County Public Works contracts.

Skagit County Ferry General Special

Division 1
General Requirements

Description of Work

(March 13, 1995)

This contract provides for the improvement of Friday Creek Bridge #40115 by scarifying the concrete bridge deck; preparing and repairing bridge deck surface; modifying expansion joints; furnishing, placing, finishing and curing a 2 inch modified concrete overlay; repaving asphalt approaches; traffic control; and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the 2018 Standard Specifications.

1-01 Definitions and Terms

1-01.3 Definitions

(January 4, 2016 APWA GSP)

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

Dates

Bid Opening Date

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

Award Date

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

Contract Execution Date

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

Notice to Proceed Date

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

Substantial Completion Date

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

Physical Completion Date

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

Completion Date

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

Final Acceptance Date

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

Supplement this Section with the following:

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

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

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

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

Additive

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

Alternate

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

Business Day

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

Contract Bond

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

Contract Documents

See definition for "Contract".

Contract Time

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

Notice of Award

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

Notice to Proceed

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

Traffic

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

1-02 Bid Procedures and Conditions

1-02.1 Prequalification of Bidders

Delete this section and replace it with the following:

1-02.1 Qualifications of Bidder

(January 24, 2011 APWA GSP)

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

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	4	Furnished automatically upon award.
Contract Provisions	4	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
2 **1-02.4 Examination of Plans, Specifications and Site of Work**

3
4 **1-02.4(1) General**

5 *(August 15, 2016 APWA GSP Option B)*

6
7 The first sentence of the last paragraph is revised to read:

8
9 Any prospective Bidder desiring an explanation or interpretation of the Bid Documents,
10 shall request the explanation or interpretation in writing by close of business five (5)
11 business days preceding the bid opening to allow a written reply to reach all
12 prospective Bidders before the submission of their Bids.

13
14 **1-02.5 Proposal Forms**

15 *(July 31, 2017 APWA GSP)*

16
17 Delete this section and replace it with the following:

18
19 The Proposal Form will identify the project and its location and describe the work. It will
20 also list estimated quantities, units of measurement, the items of work, and the materials
21 to be furnished at the unit bid prices. The bidder shall complete spaces on the proposal
22 form that call for, but are not limited to, unit prices; extensions; summations; the total bid
23 amount; signatures; date; and, where applicable, retail sales taxes and acknowledgment
24 of addenda; the bidder's name, address, telephone number, and signature; the bidder's
25 UDBE/DBE/M/WBE commitment, if applicable; a State of Washington Contractor's
26 Registration Number; and a Business License Number, if applicable. Bids shall be
27 completed by typing or shall be printed in ink by hand, preferably in black ink. The
28 required certifications are included as part of the Proposal Form.

29
30 The Contracting Agency reserves the right to arrange the proposal forms with alternates
31 and additives, if such be to the advantage of the Contracting Agency. The bidder shall
32 bid on all alternates and additives set forth in the Proposal Form unless otherwise
33 specified.

34
35 **1-02.6 Preparation of Proposal**

36 *(July 11, 2018 APWA GSP)*

37
38 Supplement the second paragraph with the following:

- 39 4. If a minimum bid amount has been established for any item, the unit or lump sum
40 price must equal or exceed the minimum amount stated.
- 41 5. Any correction to a bid made by interlineation, alteration, or erasure, shall be
42 initialed by the signer of the bid.

43
44 Delete the last two paragraphs, and replace them with the following:

45
46 If no Subcontractor is listed, the Bidder acknowledges that it does not intend to use any
47 Subcontractor to perform those items of work.

48
49 The Bidder shall submit with their Bid a completed Contractor Certification Wage Law
50 Compliance form, provided by the Contracting Agency. Failure to return this certification

1 as part of the Bid Proposal package will make this Bid Nonresponsive and ineligible for
2 Award. A Contractor Certification of Wage Law Compliance form is included in the
3 Proposal Forms.
4
5 The Bidder shall make no stipulation on the Bid Form, nor qualify the bid in any manner.
6
7 A bid by a corporation shall be executed in the corporate name, by the president or a
8 vice president (or other corporate officer accompanied by evidence of authority to sign).
9
10 A bid by a partnership shall be executed in the partnership name, and signed by a
11 partner. A copy of the partnership agreement shall be submitted with the Bid Form if any
12 UDBE requirements are to be satisfied through such an agreement.
13
14 A bid by a joint venture shall be executed in the joint venture name and signed by a
15 member of the joint venture. A copy of the joint venture agreement shall be submitted
16 with the Bid Form if any UDBE requirements are to be satisfied through such an
17 agreement.
18
19 (August 2, 2004)
20 The fifth and sixth paragraphs of Section 1-02.6 are deleted.
21
22 Add the following new section:
23
24 **1-02.6(1) Recycled Materials Proposal**
25 *(January 4, 2016 APWA GSP)*
26
27 The Bidder shall submit with the Bid, its proposal for incorporating recycled materials into
28 the project, using the form provided in the Contract Provisions.
29
30 **1-02.7 Bid Deposit**
31 *(March 8, 2013 APWA GSP)*
32
33 Supplement this section with the following:
34
35 Bid bonds shall contain the following:
36 1. Contracting Agency-assigned number for the project;
37 2. Name of the project;
38 3. The Contracting Agency named as obligee;
39 4. The amount of the bid bond stated either as a dollar figure or as a percentage which
40 represents five percent of the maximum bid amount that could be awarded;
41 5. Signature of the bidder's officer empowered to sign official statements. The signature
42 of the person authorized to submit the bid should agree with the signature on the
43 bond, and the title of the person must accompany the said signature;
44 6. The signature of the surety's officer empowered to sign the bond and the power of
45 attorney.
46
47 If so stated in the Contract Provisions, bidder must use the bond form included in the
48 Contract Provisions.
49

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

2

3 **1-02.9 Delivery of Proposal**

4 *(May 17, 2018 APWA GSP, Option A)*

5

6 Delete this section and replace it with the following:

7

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

12

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

15

- 16 • UDBE Written Confirmation Document from each UDBE firm listed on the
- 17 Bidder's completed UDBE Utilization Certification (WSDOT 272-056U)
- 18 • Good Faith Effort (GFE) Documentation

19

20 These documents, if applicable, shall be received either with the Bid Proposal or as a
21 supplement to the Bid. These documents shall be received **no later than 24 hours** (not
22 including Saturdays, Sundays and Holidays) after the time for delivery of the Bid
23 Proposal.

24

25 If submitted after the Bid Proposal is due, the document(s) must be submitted in a sealed
26 envelope labeled the same as for the Proposal, with "Supplemental Information" added.
27 All other information required to be submitted with the Bid Proposal must be submitted
28 with the Bid Proposal itself, at the time stated in the Call for Bids.

29

30 The Contracting Agency will not open or consider any Bid Proposal that is received after
31 the time specified in the Call for Bids for receipt of Bid Proposals, or received in a
32 location other than that specified in the Call for Bids. The Contracting Agency will not
33 open or consider any "Supplemental Information" (UDBE confirmations, or GFE
34 documentation) that is received after the time specified above, or received in a location
35 other than that specified in the Call for Bids.

36

37 **1-02.10 Withdrawing, Revising, or Supplementing Proposal**

38 *(July 23, 2015 APWA GSP)*

39

40 Delete this section, and replace it with the following:

41

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

44

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

51

1 If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received
2 before the time set for receipt of Bid Proposals, the Contracting Agency will return the
3 unopened Proposal package to the Bidder. The Bidder must then submit the revised or
4 supplemented package in its entirety. If the Bidder does not submit a revised or
5 supplemented package, then its bid shall be considered withdrawn.
6

7 Late revised or supplemented Bid Proposals or late withdrawal requests will be date
8 recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed
9 requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.
10

11 **1-02.12 Public Opening of Proposal**
12 *(July 14, 2016 SkagitR)*
13

14 Section 1-02.12 is supplemented with the following:
15

16 Sealed bids shall be received at the time and location specified in the Call for Bids, unless
17 modified by addenda.
18

19 **1-02.13 Irregular Proposals**
20 *(June 20, 2017 APWA GSP)*
21

22 Delete this section and replace it with the following:
23

- 24 1. A Proposal will be considered irregular and will be rejected if:
25 a. The Bidder is not prequalified when so required;
26 b. The authorized Proposal form furnished by the Contracting Agency is not
27 used or is altered;
28 c. The completed Proposal form contains any unauthorized additions, deletions,
29 alternate Bids, or conditions;
30 d. The Bidder adds provisions reserving the right to reject or accept the award,
31 or enter into the Contract;
32 e. A price per unit cannot be determined from the Bid Proposal;
33 f. The Proposal form is not properly executed;
34 g. The Bidder fails to submit or properly complete a Subcontractor list, if
35 applicable, as required in Section 1-02.6;
36 h. The Bidder fails to submit or properly complete an Underutilized
37 Disadvantaged Business Enterprise Certification, if applicable, as required in
38 Section 1-02.6;
39 i. The Bidder fails to submit written confirmation from each UDBE firm listed on
40 the Bidder's completed UDBE Utilization Certification that they are in
41 agreement with the bidder's UDBE participation commitment, if applicable, as
42 required in Section 1-02.6, or if the written confirmation that is submitted fails
43 to meet the requirements of the Special Provisions;
44 j. The Bidder fails to submit UDBE Good Faith Effort documentation, if
45 applicable, as required in Section 1-02.6, or if the documentation that is
46 submitted fails to demonstrate that a Good Faith Effort to meet the Condition
47 of Award was made;
48 k. The Bid Proposal does not constitute a definite and unqualified offer to meet
49 the material terms of the Bid invitation; or
50 l. More than one Proposal is submitted for the same project from a Bidder
51 under the same or different names.

2. A Proposal may be considered irregular and may be rejected if:
 - a. The Proposal does not include a unit price for every Bid item;
 - b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
 - c. Receipt of Addenda is not acknowledged;
 - d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
 - e. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders

(May 17, 2018 APWA GSP, Option A)

Delete this section and replace it with the following:

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

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

If the Contracting Agency determines the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency's determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency's final determination.

1-02.15 Pre Award Information

(August 14, 2013 APWA GSP)

Revise this section to read:

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

1. A complete statement of the origin, composition, and manufacture of any or all materials to be used,
2. Samples of these materials for quality and fitness tests,
3. A progress schedule (in a form the Contracting Agency requires) showing the order of and time required for the various phases of the work,
4. A breakdown of costs assigned to any bid item,

5. Attendance at a conference with the Engineer or representatives of the Engineer,
6. Obtain, and furnish a copy of, a business license to do business in the city or county where the work is located.
7. Any other information or action taken that is deemed necessary to ensure that the bidder is the lowest responsible bidder.

1-03 Award and Execution of Contract

1-03.1(1) Identical Bid Totals

(January 4, 2016 APWA GSP)

Revise this section to read:

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

1-03.4 Contract Bond

(July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

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

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

- 1 a. Of the Contractor (or any of the employees, subcontractors, or lower tier
- 2 subcontractors of the Contractor) to faithfully perform and comply with all contract
- 3 obligations, conditions, and duties, or
- 4 b. Of the Contractor (or the subcontractors or lower tier subcontractors of the
- 5 Contractor) to pay all laborers, mechanics, subcontractors, lower tier
- 6 subcontractors, material person, or any other person who provides supplies or
- 7 provisions for carrying out the work;
- 8 4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the
- 9 project under titles 50, 51, and 82 RCW; and
- 10 5. Be accompanied by a power of attorney for the Surety's officer empowered to sign
- 11 the bond; and
- 12 6. Be signed by an officer of the Contractor empowered to sign official statements (sole
- 13 proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed
- 14 by the president or vice president, unless accompanied by written proof of the
- 15 authority of the individual signing the bond(s) to bind the corporation (i.e., corporate
- 16 resolution, power of attorney, or a letter to such effect signed by the president or vice
- 17 president).
- 18

19 **1-03.7 Judicial Review**
20 *(July 23, 2015 APWA GSP)*

21
22 Revise this section to read:

23
24 Any decision made by the Contracting Agency regarding the Award and execution of the
25 Contract or Bid rejection shall be conclusive subject to the scope of judicial review
26 permitted under Washington Law. Such review, if any, shall be timely filed in the Superior
27 Court of the county where the Contracting Agency headquarters is located, provided that
28 where an action is asserted against a county, RCW 36.01.05 shall control venue and
29 jurisdiction.
30

31
32 **1-04 Scope of the Work**

33
34 **1-04.2 Coordination of Contract Documents, Plans, Special Provisions,**
35 **Specifications, and Addenda**
36 *(March 13, 2012 APWA GSP)*

37
38 Revise the second paragraph to read:

39
40 Any inconsistency in the parts of the contract shall be resolved by following this order of
41 precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

- 42 1. Addenda,
- 43 2. Proposal Form,
- 44 3. Special Provisions,
- 45 4. Contract Plans,
- 46 5. Amendments to the Standard Specifications,
- 47 6. Standard Specifications,
- 48 7. Contracting Agency's Standard Plans or Details (if any), and
- 49 8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

1 **1-05 Control of Work**

2 **1-05.4 Conformity With and Deviations from Plans and Stakes**

3
4 Supplement this section with the following:

5
6 **Bridge and Structure Surveys**

7 *(July 23, 2015 APWA GSP, Option 2)*

8
9 For all structural work such as bridges and retaining walls, the Contractor shall retain as
10 a part of Contractor's organization an experienced team of surveyors.

11
12 The Contractor shall provide all surveys required to complete the structure, except the
13 following primary survey control which will be provided by the Engineer:

- 14 1. Centerline or offsets to centerline of the structure.
15 2. Stations of abutments and pier centerlines.
16 3. A sufficient number of bench marks for levels to enable the Contractor to set grades
17 at reasonably short distances.
18 4. Monuments and control points as shown in the Plans.

19
20 The Contractor shall establish all secondary survey controls, both horizontal and vertical,
21 as necessary to assure proper placement of all project elements based on the primary
22 control points provided by the Engineer. Survey work shall be within the following
23 tolerances:

24 Stationing	± 0.01 foot
25 Alignment	± 0.01 foot (between successive points)
26 Superstructure Elevations	± 0.01 foot (from plan elevations)
27 Substructure Elevations	± 0.05 foot (from plan elevations)

28
29 During the progress of the work, the Contractor shall make available to the Engineer all
30 field books including survey information, footing elevations, cross sections and
31 quantities.

32
33 The Contractor shall be fully responsible for the close coordination of field locations and
34 measurements with appropriate dimensions of structural members being fabricated.

35
36 **1-05.7 Removal of Defective and Unauthorized Work**

37 *(October 1, 2005 APWA GSP)*

38
39 Supplement this section with the following:

40
41 If the Contractor fails to remedy defective or unauthorized work within the time specified
42 in a written notice from the Engineer, or fails to perform any part of the work required by
43 the Contract Documents, the Engineer may correct and remedy such work as may be
44 identified in the written notice, with Contracting Agency forces or by such other means as
45 the Contracting Agency may deem necessary.

46
47 If the Contractor fails to comply with a written order to remedy what the Engineer
48 determines to be an emergency situation, the Engineer may have the defective and
49 unauthorized work corrected immediately, have the rejected work removed and replaced,

1 or have work the Contractor refuses to perform completed by using Contracting Agency
2 or other forces. An emergency situation is any situation when, in the opinion of the
3 Engineer, a delay in its remedy could be potentially unsafe, or might cause serious risk
4 of loss or damage to the public.

5
6 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and
7 remedying defective or unauthorized work, or work the Contractor failed or refused to
8 perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from
9 monies due, or to become due, the Contractor. Such direct and indirect costs shall
10 include in particular, but without limitation, compensation for additional professional
11 services required, and costs for repair and replacement of work of others destroyed or
12 damaged by correction, removal, or replacement of the Contractor's unauthorized work.

13
14 No adjustment in contract time or compensation will be allowed because of the delay in
15 the performance of the work attributable to the exercise of the Contracting Agency's
16 rights provided by this Section.

17
18 The rights exercised under the provisions of this section shall not diminish the
19 Contracting Agency's right to pursue any other avenue for additional remedy or damages
20 with respect to the Contractor's failure to perform the work as required.

21
22 **1-05.11 Final Inspection**

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

25
26 **1-05.11 Final Inspections and Operational Testing**
27 *(October 1, 2005 APWA GSP)*

28
29 **1-05.11(1) Substantial Completion Date**

30
31 When the Contractor considers the work to be substantially complete, the Contractor
32 shall so notify the Engineer and request the Engineer establish the Substantial
33 Completion Date. The Contractor's request shall list the specific items of work that
34 remain to be completed in order to reach physical completion. The Engineer will
35 schedule an inspection of the work with the Contractor to determine the status of
36 completion. The Engineer may also establish the Substantial Completion Date
37 unilaterally.

38
39 If, after this inspection, the Engineer concurs with the Contractor that the work is
40 substantially complete and ready for its intended use, the Engineer, by written notice to
41 the Contractor, will set the Substantial Completion Date. If, after this inspection the
42 Engineer does not consider the work substantially complete and ready for its intended
43 use, the Engineer will, by written notice, so notify the Contractor giving the reasons
44 therefor.

45
46 Upon receipt of written notice concurring in or denying substantial completion, whichever
47 is applicable, the Contractor shall pursue vigorously, diligently and without unauthorized
48 interruption, the work necessary to reach Substantial and Physical Completion. The
49 Contractor shall provide the Engineer with a revised schedule indicating when the
50 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.

1 The costs for power, gas, labor, material, supplies, and everything else needed to
2 successfully complete operational testing, shall be included in the unit contract prices
3 related to the system being tested, unless specifically set forth otherwise in the proposal.
4

5 Operational and test periods, when required by the Engineer, shall not affect a
6 manufacturer's guaranties or warranties furnished under the terms of the contract.
7

8 **1-05.13 Superintendents, Labor and Equipment of Contractor**
9 *(August 14, 2013 APWA GSP)*

10
11 Delete the sixth and seventh paragraphs of this section.
12

13 **1-05.14 Cooperation with Other Contractors**
14

15 Section 1-05.14 is supplemented with the following:
16

17 *(March 13, 1995)*

18 ***Other Contracts or Other Work***

19 It is anticipated that the following work adjacent to or within the limits of this project will
20 be performed by others during the course of this project and will require coordination of
21 the work:
22

23 *** The following milestones are to be used for planning the project schedule:
24

- 25 • Skagit County Project Friday Creek Bridge Repair (Old Hwy 99) will have a
26 complete bridge closure from June 18, 2019 to July 17, 2019.
27
- 28 • Additionally, Skagit County Project - Samish River Bridge Repair (Old Hwy 99 N)
29 located approximately 1.5 miles south of the Friday Creek Bridge Repair Project
30 will have a complete bridge closure July 18, 2019 to September 13, 2019.
31
- 32 • **The Skagit County Friday Creek Bridge Repair (Old Hwy 99) Project and**
33 **the Samish River Bridge Repair (Old Hwy 99 N) Project shall not have**
34 **complete construction closures at the same time.**
35
- 36 • Liquidated damages per Section 1-08.9 shall apply should all roadways not be
37 available for service during the dates listed above. ***
38

39
40 **1-05.15 Method of Serving Notices**
41 *(March 25, 2009 APWA GSP)*

42 Revise the second paragraph to read:
43

44 All correspondence from the Contractor shall be directed to the Project Engineer. All
45 correspondence from the Contractor constituting any notification, notice of protest, notice
46 of dispute, or other correspondence constituting notification required to be furnished
47 under the Contract, must be in paper format, hand delivered or sent via mail delivery
48 service to the Project Engineer's office. Electronic copies such as e-mails or

electronically delivered copies of correspondence will not constitute such notice and will not comply with the requirements of the Contract.

Add the following new section:

1-05.16 Water and Power
(October 1, 2005 APWA GSP)

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

1-06 Control of Material

Section 1-06 is supplemented with the following:

Buy America

(August 6, 2012)

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.

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

4
5 The following are considered to be steel manufacturing processes:

- 6
7 1. Production of steel by any of the following processes:
8
9 a. Open hearth furnace.
10
11 b. Basic oxygen.
12
13 c. Electric furnace.
14
15 d. Direct reduction.
16
17 2. Rolling, heat treating, and any other similar processing.
18
19 3. Fabrication of the products.
20
21 a. Spinning wire into cable or strand.
22
23 b. Corrugating and rolling into culverts.
24
25 c. Shop fabrication.
26

27 A certification of materials origin will be required for any items comprised of, or containing,
28 steel or iron construction materials prior to such items being incorporated into the
29 permanent work. The certification shall be on DOT Form 350-109EF provided by the
30 Engineer, or such other form the Contractor chooses, provided it contains the same
31 information as DOT Form 350-109EF.
32

33 **1-06.6 Recycled Materials**
34 *(January 4, 2016 APWA GSP)*
35

36 Delete this section, including its subsections, and replace it with the following:
37

38 The Contractor shall make their best effort to utilize recycled materials in the construction
39 of the project. Approval of such material use shall be as detailed elsewhere in the
40 Standard Specifications.
41

42 Prior to Physical Completion the Contractor shall report the quantity of recycled materials
43 that were utilized in the construction of the project for each of the items listed in Section
44 9-03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled
45 glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material
46 and aggregates from concrete returned to the supplier). The Contractor's report shall be
47 provided on DOT form 350-075 Recycled Materials Reporting.
48
49
50

1 **1-07 Legal Relations and Responsibilities to the Public**

2
3 **1-07.1 Laws to be Observed**

4 *(October 1, 2005 APWA GSP)*

5
6 Supplement this section with the following:

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

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

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

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

32
33
34 **1-07.2 State Taxes**

35
36 Delete this section, including its sub-sections, in its entirety and replace it with the following:

37
38 **1-07.2 State Sales Tax**

39 *(June 27, 2011 APWA GSP)*

40
41 The Washington State Department of Revenue has issued special rules on the State
42 sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The
43 Contractor should contact the Washington State Department of Revenue for answers to
44 questions in this area. The Contracting Agency will not adjust its payment if the
45 Contractor bases a bid on a misunderstood tax liability.

46
47 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other
48 contract amounts. In some cases, however, state retail sales tax will not be included.
49 Section 1-07.2(2) describes this exception.

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

8 9 **1-07.2(1) State Sales Tax — Rule 171**

10
11 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets,
12 roads, etc., which are owned by a municipal corporation, or political subdivision of the
13 state, or by the United States, and which are used primarily for foot or vehicular traffic.
14 This includes storm or combined sewer systems within and included as a part of the
15 street or road drainage system and power lines when such are part of the roadway
16 lighting system. For work performed in such cases, the Contractor shall include
17 Washington State Retail Sales Taxes in the various unit bid item prices, or other contract
18 amounts, including those that the Contractor pays on the purchase of the materials,
19 equipment, or supplies used or consumed in doing the work.

20 21 **1-07.2(2) State Sales Tax — Rule 170**

22
23 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or
24 existing buildings, or other structures, upon real property. This includes, but is not
25 limited to, the construction of streets, roads, highways, etc., owned by the state of
26 Washington; water mains and their appurtenances; sanitary sewers and sewage
27 disposal systems unless such sewers and disposal systems are within, and a part of, a
28 street or road drainage system; telephone, telegraph, electrical power distribution lines,
29 or other conduits or lines in or above streets or roads, unless such power lines become a
30 part of a street or road lighting system; and installing or attaching of any article of
31 tangible personal property in or to real property, whether or not such personal property
32 becomes a part of the realty by virtue of installation.

33
34 For work performed in such cases, the Contractor shall collect from the Contracting
35 Agency, retail sales tax on the full contract price. The Contracting Agency will
36 automatically add this sales tax to each payment to the Contractor. For this reason, the
37 Contractor shall not include the retail sales tax in the unit bid item prices, or in any other
38 contract amount subject to Rule 170, with the following exception.

39
40 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor
41 or a subcontractor makes on the purchase or rental of tools, machinery, equipment, or
42 consumable supplies not integrated into the project. Such sales taxes shall be included
43 in the unit bid item prices or in any other contract amount.

44 45 **1-07.2(3) Services**

46
47 The Contractor shall not collect retail sales tax from the Contracting Agency on any
48 contract wholly for professional or other services (as defined in Washington State
49 Department of Revenue Rules 138 and 244).

1 **1-07.4 Sanitation**

2
3 **1-07.4(1) General**
4 *(July 14, 2016 SkagitR)*

5
6 Section 1-07.4(1) is supplemented with the following:

7
8 The Contractor shall provide employees with portable sanitary stations on site. These portable
9 sanitary stations shall comply with all State Department of Health or other agency
10 requirements; shall be kept clean, neat and sanitized; and shall not create any public nuisance.

11
12 **1-07.5 Environmental Regulations**

13
14 Section 1-07.5 is supplemented with the following:

15
16 *(September 20, 2010)*

17 **Environmental Commitments**

18 The following Provisions summarize the requirements, in addition to those required
19 elsewhere in the Contract, imposed upon the Contracting Agency by the various
20 documents referenced in the Special Provision **Permits and Licenses**. Throughout the
21 work, the Contractor shall comply with the following requirements:

22
23 *(August 3, 2009)*

24 **Payment**

25 All costs to comply with this special provision for the environmental commitments and
26 requirements are incidental to the contract and are the responsibility of the Contractor.
27 The Contractor shall include all related costs in the associated bid prices of the contract.

28
29
30 **1-07.6 Permits and Licenses**

31
32 Section 1-07.6 is supplemented with the following:

33
34 *(January 2, 2018)*

35 The Contracting Agency has obtained the below-listed permit(s) for this project. A copy of
36 the permit(s) is attached as an appendix for informational purposes. Copies of these
37 permits, including a copy of the Transfer of Coverage form, when applicable, are required
38 to be onsite at all times.

39
40 Contact with the permitting agencies, concerning the below-listed permit(s), shall be
41 made through the Engineer with the exception of when the Construction Stormwater
42 General Permit coverage is transferred to the Contractor, direct communication with the
43 Department of Ecology is allowed. The Contractor shall be responsible for obtaining
44 Ecology's approval for any Work requiring additional approvals (e.g. Request for
45 Chemical Treatment Form). The Contractor shall obtain additional permits as necessary.
46 All costs to obtain and comply with additional permits shall be included in the applicable
47 Bid items for the Work involved.

48
49 *** HYDRAULIC PROJECT APPROVAL (HPA), SEE APPENDIX "F" ***

1
2 **1-07.7 Load Limits**
3

4 Section 1-07.7 is supplemented with the following:

5
6 (March 13, 1995)

7 If the sources of materials provided by the Contractor necessitates hauling over roads
8 other than State Highways, the Contractor shall, at the Contractor's expense, make all
9 arrangements for the use of the haul routes.
10

11 **1-07.9 Wages**

12 **1-07.9(1) General**
13

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

15
16 (January 5, 2018)

17 The Federal wage rates incorporated in this contract have been established by the
18 Secretary of Labor under United States Department of Labor General Decision No.
19 WA180001.
20

21 The State rates incorporated in this contract are applicable to all construction
22 activities associated with this contract.
23

24 **1-07.11 Requirements for Nondiscrimination**
25

26 Section 1-07.11 is supplemented with the following:

27 (April 2, 2018)

28 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive
29 Order 11246)
30

- 31 1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard
32 Federal Equal Employment Opportunity Construction Contract Specifications set
33 forth herein.
34
35 2. The goals and timetables for minority and female participation set by the Office of
36 Federal Contract Compliance Programs, expressed in percentage terms for the
37 Contractor's aggregate work force in each construction craft and in each trade on all
38 construction work in the covered area, are as follows:
39

40 Women - Statewide

41
42 Timetable

Goal

43
44 Until further notice

6.9%

45 Minorities - by Standard Metropolitan Statistical Area (SMSA)
46

1	Spokane, WA:	
2	SMSA Counties:	
3	Spokane, WA	2.8
4	WA Spokane.	
5	Non-SMSA Counties	3.0
6	WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA	
7	Lincoln; WA Pend Oreille; WA Stevens; WA Whitman.	
8		
9	Richland, WA	
10	SMSA Counties:	
11	Richland Kennewick, WA	5.4
12	WA Benton; WA Franklin.	
13	Non-SMSA Counties	3.6
14	WA Walla Walla.	
15		
16	Yakima, WA:	
17	SMSA Counties:	
18	Yakima, WA	9.7
19	WA Yakima.	
20	Non-SMSA Counties	7.2
21	WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	
22		
23	Seattle, WA:	
24	SMSA Counties:	
25	Seattle Everett, WA	7.2
26	WA King; WA Snohomish.	
27	Tacoma, WA	6.2
28	WA Pierce.	
29	Non-SMSA Counties	6.1
30	WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap;	
31	WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA	
32	Thurston; WA Whatcom.	
33		
34	Portland, OR:	
35	SMSA Counties:	
36	Portland, OR-WA	4.5
37	WA Clark.	
38	Non-SMSA Counties	3.8
39	WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	
40		

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

46
47 The Contractor's compliance with the Executive Order and the regulations in 41 CFR
48 Part 60-4 shall be based on its implementation of the Equal Opportunity Clause,
49 specific affirmative action obligations required by the specifications set forth in 41
50 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female
51 employment and training must be substantially uniform throughout the length of the

1 contract, in each construction craft and in each trade, and the Contractor shall make
2 a good faith effort to employ minorities and women evenly on each of its projects.
3 The transfer of minority or female employees or trainees from Contractor to
4 Contractor or from project to project for the sole purpose of meeting the Contractor's
5 goal shall be a violation of the contract, the Executive Order and the regulations in
6 41 CFR Part 60-4. Compliance with the goals will be measured against the total
7 work hours performed.
8

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

18
19 U.S. Department of Labor
20 Office of Federal Contract Compliance Programs Pacific Region
21 Attn: Regional Director
22 San Francisco Federal Building
23 90 – 7th Street, Suite 18-300
24 San Francisco, CA 94103(415) 625-7800 Phone
25 (415) 625-7799 Fax
26

27 Additional information may be found at the U.S. Department of Labor website:
28 <https://www.dol.gov/ofccp/regs/compliance/preaward/cnstnote.htm>
29

- 30 4. As used in this Notice, and in the contract resulting from this solicitation, the Covered
31 Area is as designated herein.
32

33 Standard Federal Equal Employment Opportunity Construction Contract Specifications
34 (Executive Order 11246)
35

- 36 1. As used in these specifications:
37

- 38 a. Covered Area means the geographical area described in the solicitation
39 from which this contract resulted;
40
41 b. Director means Director, Office of Federal Contract Compliance Programs,
42 United States Department of Labor, or any person to whom the Director
43 delegates authority;
44
45 c. Employer Identification Number means the Federal Social Security number
46 used on the Employer's Quarterly Federal Tax Return, U. S. Treasury
47 Department Form 941;
48
49 d. Minority includes:
50

- 1 (1) Black, a person having origins in any of the Black Racial Groups
2 of Africa.
3
- 4 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of
5 Mexican, Puerto Rican, Cuban, Central American, South
6 American, or other Spanish origin.
7
- 8 (3) Asian or Pacific Islander, a person having origins in any of the
9 original peoples of the Pacific rim or the Pacific Islands, the
10 Hawaiian Islands and Samoa.
11
- 12 (4) American Indian or Alaskan Native, a person having origins in any
13 of the original peoples of North America, and who maintain cultural
14 identification through tribal affiliation or community recognition.
15
- 16 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of
17 the work involving any construction trade, it shall physically include in each
18 subcontract in excess of \$10,000 the provisions of these specifications and the
19 Notice which contains the applicable goals for minority and female participation and
20 which is set forth in the solicitations from which this contract resulted.
21
- 22 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan
23 approved by the U.S. Department of Labor in the covered area either individually or
24 through an association, its affirmative action obligations on all work in the Plan area
25 (including goals and timetables) shall be in accordance with that Plan for those trades
26 which have unions participating in the Plan. Contractors must be able to demonstrate
27 their participation in and compliance with the provisions of any such Hometown Plan.
28 Each Contractor or Subcontractor participating in an approved Plan is individually
29 required to comply with its obligations under the EEO clause, and to make a good
30 faith effort to achieve each goal under the Plan in each trade in which it has
31 employees. The overall good faith performance by other Contractors or
32 Subcontractors toward a goal in an approved Plan does not excuse any covered
33 Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan
34 goals and timetables.
35
- 36 4. The Contractor shall implement the specific affirmative action standards provided in
37 paragraphs 7a through 7p of this Special Provision. The goals set forth in the
38 solicitation from which this contract resulted are expressed as percentages of the
39 total hours of employment and training of minority and female utilization the
40 Contractor should reasonably be able to achieve in each construction trade in which
41 it has employees in the covered area. Covered construction contractors performing
42 construction work in geographical areas where they do not have a Federal or
43 federally assisted construction contract shall apply the minority and female goals
44 established for the geographical area where the work is being performed. The
45 Contractor is expected to make substantially uniform progress in meeting its goals in
46 each craft during the period specified.
47
- 48 5. Neither the provisions of any collective bargaining agreement, nor the failure by a
49 union with whom the Contractor has a collective bargaining agreement, to refer either
50 minorities or women shall excuse the Contractor's obligations under these

1 specifications, Executive Order 11246, or the regulations promulgated pursuant
2 thereto.

3
4 6. In order for the nonworking training hours of apprentices and trainees to be counted
5 in meeting the goals, such apprentices and trainees must be employed by the
6 Contractor during the training period, and the Contractor must have made a
7 commitment to employ the apprentices and trainees at the completion of their
8 training, subject to the availability of employment opportunities. Trainees must be
9 trained pursuant to training programs approved by the U.S. Department of Labor.

10
11 7. The Contractor shall take specific affirmative actions to ensure equal employment
12 opportunity. The evaluation of the Contractor's compliance with these specifications
13 shall be based upon its effort to achieve maximum results from its action. The
14 Contractor shall document these efforts fully, and shall implement affirmative action
15 steps at least as extensive as the following:

16
17 a. Ensure and maintain a working environment free of harassment,
18 intimidation, and coercion at all sites, and in all facilities at which the
19 Contractor's employees are assigned to work. The Contractor, where
20 possible, will assign two or more women to each construction project. The
21 Contractor shall specifically ensure that all foremen, superintendents, and
22 other on-site supervisory personnel are aware of and carry out the
23 Contractor's obligation to maintain such a working environment, with
24 specific attention to minority or female individuals working at such sites or
25 in such facilities.

26
27 b. Establish and maintain a current list of minority and female recruitment
28 sources, provide written notification to minority and female recruitment
29 sources and to community organizations when the Contractor or its unions
30 have employment opportunities available, and maintain a record of the
31 organizations' responses.

32
33 c. Maintain a current file of the names, addresses and telephone numbers of
34 each minority and female off-the-street applicant and minority or female
35 referral from a union, a recruitment source or community organization and
36 of what action was taken with respect to each such individual. If such
37 individual was sent to the union hiring hall for referral and was not referred
38 back to the Contractor by the union or, if referred, not employed by the
39 Contractor, this shall be documented in the file with the reason therefor,
40 along with whatever additional actions the Contractor may have taken.

41
42 d. Provide immediate written notification to the Director when the union or
43 unions with which the Contractor has a collective bargaining agreement has
44 not referred to the Contractor a minority person or woman sent by the
45 Contractor, or when the Contractor has other information that the union
46 referral process has impeded the Contractor's efforts to meet its obligations.

47
48 e. Develop on-the-job training opportunity and/or participate in training
49 programs for the area which expressly include minorities and women,
50 including upgrading programs and apprenticeship and trainee programs
51 relevant to the Contractor's employment needs, especially those programs

1 funded or approved by the U.S. Department of Labor. The Contractor shall
2 provide notice of these programs to the sources compiled under 7b above.
3

- 4 f. Disseminate the Contractor's EEO policy by providing notice of the policy
5 to unions and training programs and requesting their cooperation in
6 assisting the Contractor in meeting its EEO obligations; by including it in
7 any policy manual and collective bargaining agreement; by publicizing it in
8 the company newspaper, annual report, etc.; by specific review of the policy
9 with all management personnel and with all minority and female employees
10 at least once a year; and by posting the company EEO policy on bulletin
11 boards accessible to all employees at each location where construction
12 work is performed.
13
- 14 g. Review, at least annually, the company's EEO policy and affirmative action
15 obligations under these specifications with all employees having any
16 responsibility for hiring, assignment, layoff, termination or other
17 employment decisions including specific review of these items with on-site
18 supervisory personnel such as Superintendents, General Foremen, etc.,
19 prior to the initiation of construction work at any job site. A written record
20 shall be made and maintained identifying the time and place of these
21 meetings, persons attending, subject matter discussed, and disposition of
22 the subject matter.
23
- 24 h. Disseminate the Contractor's EEO policy externally by including it in any
25 advertising in the news media, specifically including minority and female
26 news media, and providing written notification to and discussing the
27 Contractor's EEO policy with other Contractors and Subcontractors with
28 whom the Contractor does or anticipates doing business.
29
- 30 i. Direct its recruitment efforts, both oral and written to minority, female and
31 community organizations, to schools with minority and female students and
32 to minority and female recruitment and training organizations serving the
33 Contractor's recruitment area and employment needs. Not later than one
34 month prior to the date for the acceptance of applications for apprenticeship
35 or other training by any recruitment source, the Contractor shall send written
36 notification to organizations such as the above, describing the openings,
37 screening procedures, and tests to be used in the selection process.
38
- 39 j. Encourage present minority and female employees to recruit other minority
40 persons and women and where reasonable, provide after school, summer
41 and vacation employment to minority and female youth both on the site and
42 in other areas of a Contractor's work force.
43
- 44 k. Validate all tests and other selection requirements where there is an
45 obligation to do so under 41 CFR Part 60-3.
46
- 47 l. Conduct, at least annually, an inventory and evaluation of all minority and
48 female personnel for promotional opportunities and encourage these
49 employees to seek or to prepare for, through appropriate training, etc., such
50 opportunities.
51

- 1 m. Ensure that seniority practices, job classifications, work assignments and
2 other personnel practices, do not have a discriminatory effect by continually
3 monitoring all personnel and employment related activities to ensure that
4 the EEO policy and the Contractor's obligations under these specifications
5 are being carried out.
6
- 7 n. Ensure that all facilities and company activities are nonsegregated except
8 that separate or single-user toilet and necessary changing facilities shall be
9 provided to assure privacy between the sexes.
10
- 11 o. Document and maintain a record of all solicitations of offers for subcontracts
12 from minority and female construction contractors and suppliers, including
13 circulation of solicitations to minority and female contractor associations
14 and other business associations.
15
- 16 p. Conduct a review, at least annually, of all supervisors' adherence to and
17 performance under the Contractor's EEO policies and affirmative action
18 obligations.
19
- 20 8. Contractors are encouraged to participate in voluntary associations which assist in
21 fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts
22 of a contractor association, joint contractor-union, contractor-community, or other
23 similar group of which the Contractor is a member and participant, may be asserted
24 as fulfilling any one or more of the obligations under 7a through 7p of this Special
25 Provision provided that the Contractor actively participates in the group, makes every
26 effort to assure that the group has a positive impact on the employment of minorities
27 and women in the industry, ensure that the concrete benefits of the program are
28 reflected in the Contractor's minority and female work-force participation, makes a
29 good faith effort to meet its individual goals and timetables, and can provide access
30 to documentation which demonstrate the effectiveness of actions taken on behalf of
31 the Contractor. The obligation to comply, however, is the Contractor's and failure of
32 such a group to fulfill an obligation shall not be a defense for the Contractor's
33 noncompliance.
34
- 35 9. A single goal for minorities and a separate single goal for women have been
36 established. The Contractor, however, is required to provide equal employment
37 opportunity and to take affirmative action for all minority groups, both male and
38 female, and all women, both minority and non-minority. Consequently, the Contractor
39 may be in violation of the Executive Order if a particular group is employed in
40 substantially disparate manner (for example, even though the Contractor has
41 achieved its goals for women generally, the Contractor may be in violation of the
42 Executive Order if a specific minority group of women is underutilized).
43
- 44 10. The Contractor shall not use the goals and timetables or affirmative action standards
45 to discriminate against any person because of race, color, religion, sex, or national
46 origin.
47
- 48 11. The Contractor shall not enter into any subcontract with any person or firm debarred
49 from Government contracts pursuant to Executive Order 11246.
50

- 1 12. The Contractor shall carry out such sanctions and penalties for violation of these
2 specifications and of the Equal Opportunity Clause, including suspensions,
3 terminations and cancellations of existing subcontracts as may be imposed or
4 ordered pursuant to Executive Order 11246, as amended, and its implementing
5 regulations by the Office of Federal Contract Compliance Programs. Any Contractor
6 who fails to carry out such sanctions and penalties shall be in violation of these
7 specifications and Executive Order 11246, as amended.
8
9 13. The Contractor, in fulfilling its obligations under these specifications, shall implement
10 specific affirmative action steps, at least as extensive as those standards prescribed
11 in paragraph 7 of this Special Provision, so as to achieve maximum results from its
12 efforts to ensure equal employment opportunity. If the Contractor fails to comply with
13 the requirements of the Executive Order, the implementing regulations, or these
14 specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
15
16 14. The Contractor shall designate a responsible official to monitor all employment
17 related activity to ensure that the company EEO policy is being carried out, to submit
18 reports relating to the provisions hereof as may be required by the government and
19 to keep records. Records shall at least include, for each employee, their name,
20 address, telephone numbers, construction trade, union affiliation if any, employee
21 identification number when assigned, social security number, race, sex, status (e.g.,
22 mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours
23 worked per week in the indicated trade, rate of pay, and locations at which the work
24 was performed. Records shall be maintained in an easily understandable and
25 retrievable form; however, to the degree that existing records satisfy this requirement,
26 the Contractors will not be required to maintain separate records.
27
28 15. Nothing herein provided shall be construed as a limitation upon the application of
29 other laws which establish different standards of compliance or upon the application
30 of requirements for the hiring of local or other area residents (e.g., those under the
31 Public Works Employment Act of 1977 and the Community Development Block Grant
32 Program).
33
34 16. Additional assistance for Federal Construction Contractors on contracts
35 administered by Washington State Department of Transportation or by Local
36 Agencies may be found at:
37
38 Washington State Dept. of Transportation
39 Office of Equal Opportunity
40 PO Box 47314
41 310 Maple Park Ave. SE
42 Olympia WA
43 98504-7314
44 Ph: 360-705-7090
45 Fax: 360-705-6801
46 <http://www.wsdot.wa.gov/equalopportunity/default.htm>
47
48

1 (April 3, 2018)

2 **Disadvantaged Business Enterprise Participation**

3 The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and
4 USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract.
5 Demonstrating compliance with these Specifications is a Condition of Award (COA) of this
6 Contract. Failure to comply with the requirements of this Specification may result in your
7 Bid being found to be nonresponsive resulting in rejection or other sanctions as provided
8 by Contract.
9

10 **DBE Abbreviations and Definitions**

11 **Broker** – A business firm that provides a bona fide service, such as professional,
12 technical, consultant or managerial services and assistance in the procurement
13 of essential personnel, facilities, equipment, materials, or supplies required for
14 the performance of the Contract; or, persons/companies who arrange or
15 expedite transactions.
16

17 **Certified Business Description** – Specific descriptions of work the DBE is
18 certified to perform, as identified in the Certified Firm Directory, under the Vendor
19 Information page.
20

21 **Certified Firm Directory** – A database of all Minority, Women, and
22 Disadvantaged Business Enterprises, including those identified as a UDBE,
23 currently certified by Washington State. The on-line Directory is available to
24 Contractors for their use in identifying and soliciting interest from DBE firms. The
25 database is located under the Firm Certification section of the Diversity
26 Management and Compliance System web page at:
27 <https://omwbe.diversitycompliance.com>.
28

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

43 **Contract** – For this Special Provision only, this definition supplements Section
44 1-01.3. 49 CFR 26.5 defines contract as: "... a legally binding relationship
45 obligating a seller to furnish supplies or services (including, but not limited to,
46 construction and professional services) and the buyer to pay for them. For
47 purposes of this part, a lease is considered to be a contract."
48

49 **Disadvantaged Business Enterprise (DBE)** – A business firm certified by the
50 Washington State Office of Minority and Women's Business Enterprises, as
51 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.

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

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

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.

Underutilized Disadvantaged Business Enterprise (UDBE) – A DBE Firm that is underutilized based on WSDOT's Disparity Study. All UDBEs are DBEs.

UDBE Commitment – The dollar amount the Contractor indicates they will be subcontracting to be applied towards the UDBE Condition of Award Goal as shown on the UDBE Utilization Certification Form for each UDBE Subcontractor. This UDBE Commitment amount will be incorporated into the Contract and shall be considered a Contract requirement. Any changes to the UDBE Commitment require the Engineer's approval.

UDBE Condition of Award (COA) Goal – An assigned numerical amount specified as a percentage of the Contract. Initially, this is the minimum amount that the Bidder must commit to by submission of the Utilization Certification Form and/or by Good Faith Effort (GFE). This is also the minimum required amount of UDBE participation specified as a percentage of the final Contract amount inclusive of all change orders.

UDBE COA Goal

The Contracting Agency has established a UDBE COA Goal for this Contract in the amount of: ***8%***.

1
2 **DBE Eligibility/Selection of DBEs**

3 In order to determine the distinct element(s) of work for which a DBE is certified,
4 Contractors should refer to the Certified Business Description. The Contractor shall
5 not use NAICS codes on the UDBE Utilization Certification.
6

7 **Crediting DBE Participation**

8 Subcontractors proposed as COA must be certified prior to the due date for bids on
9 the Contract. All non-COA DBE Subcontractors shall be certified before the
10 subcontract on which they are participating is executed.
11

12 Be advised that although a firm is listed in the Certified Firm Directory, there are
13 cases where the listed firm is in a temporary suspension status. The Contractor shall
14 review the OMWBE Suspended DBE Firms list. A DBE firm that is included on this
15 list may not enter into new contracts that count towards participation.
16

17 DBE participation is only credited upon payment to the DBE.
18

19 The following are some definitions of what may be counted as DBE participation.
20

21 **DBE Prime Contractor**

22 Only take credit for that portion of the total dollar value of the Contract equal to
23 the distinct, clearly defined portion of the Work that the DBE Prime Contractor
24 performs with its own forces and is certified to perform.
25

26 **DBE Subcontractor**

27 Only take credit for that portion of the total dollar value of the subcontract that is
28 equal to the distinct, clearly defined portion of the Work that the DBE performs
29 with its own forces. The value of work performed by the DBE includes the cost
30 of supplies and materials purchased by the DBE and equipment leased by the
31 DBE, for its work on the contract. Supplies, materials or equipment obtained by
32 a DBE that are not utilized or incorporated in the contract work by the DBE will
33 not be eligible for DBE credit.
34

35 The supplies, materials, and equipment purchased or leased from the
36 Contractor or its affiliate, including any Contractor's resources available to DBE
37 subcontractors at no cost, shall not be credited.
38

39 DBE credit will not be given in instances where the equipment lease includes
40 the operator. The DBE is expected to operate the equipment used in the
41 performance of its work under the contract with its own forces. Situations where
42 equipment is leased and used by the DBE, but payment is deducted from the
43 Contractor's payment to the DBE is not allowed.
44

45 When the subcontractor is part of a UDBE Commitment, the following apply:
46

- 47 1. If a UDBE subcontracts a portion of the Work of its contract to another
48 firm, the value of the subcontracted Work may be counted toward the
49 UDBE COA Goal only if the Lower-Tier Subcontractor is also a UDBE.
50

2. Work subcontracted to a Lower-Tier Subcontractor that is a DBE, but not a UDBE, may be counted as DBE race-neutral participation but not counted toward the UDBE COA Goal.
3. Work subcontracted to a non-DBE does not count towards the UDBE COA Goal nor DBE participation.

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's 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.

Force Account Work

When the Contractor elects to utilize force account Work to meet the UDBE COA Goal, as demonstrated by listing this force account Work on the UDBE Utilization Certification Form, for the purposes of meeting UDBE COA Goal, only 50% of the Proposal amount shall be credited toward the Contractors Commitment to meet the UDBE COA Goal.

One hundred percent of the actual amounts paid to the DBE for the force account Work shall be credited towards UDBE COA Goal or DBE participation.

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

1 is priced per ton, the value of the hauling service must be calculated separately
2 from the value of the materials in order to determine DBE credit for hauling
3
4 The DBE trucking firm must own and operate at least one licensed, insured and
5 operational truck on the contract. The truck must be of the type that is necessary
6 to perform the hauling duties required under the contract. The DBE receives
7 credit for the value of the transportation services it provides on the Contract
8 using trucks it owns or leases, licenses, insures, and operates with drivers it
9 employs.
10
11 The DBE may lease additional trucks from another DBE firm.
12
13 The trucking Work subcontracted to any non-DBE trucking firm will not receive
14 credit for Work done on the project. The DBE may lease trucks from a non-DBE
15 truck leasing company, but can only receive credit towards DBE participation if
16 the DBE uses its own employees as drivers.
17
18 DBE credit for a truck broker is limited to the fee/commission that the DBE
19 receives for arranging transportation services.
20
21 Truck registration and lease agreements shall be readily available at the project
22 site for the Engineer review.
23
24 When Trucking is a UDBE Commitment, the following apply:
25
26 1. If the trucking firm is a UDBE, participation may count towards the
27 UDBE COA Goal.
28
29 2. The Work that a UDBE trucking firm performs with trucks it leases from
30 other certified UDBE trucking firms qualify for 100% credit towards the
31 UDBE COA Goal.
32
33 3. The UDBE may lease trucks from a non-UDBE truck leasing company,
34 but can only receive credit towards UDBE participation if the UDBE
35 uses its own employees as drivers.
36
37 **DBE Manufacturer and DBE Regular Dealer**
38 One hundred percent (100%) of the cost of the manufactured product obtained
39 from a DBE manufacturer can count as DBE participation. If the DBE
40 manufacturer is a UDBE, participation may count towards the UDBE COA Goal.
41
42 Sixty percent (60%) of the cost of materials or supplies purchased from a DBE
43 Regular Dealer may be credited as DBE Participation. If the role of the DBE
44 Regular Dealer is determined to be that of a pass-through, then no DBE credit
45 will be given for its services. If the role of the DBE Regular Dealer is determined
46 to be that of a Broker, then DBE credit shall be limited to the fee or commission
47 it receives for its services. Regular Dealer status and the amount of credit is
48 determined on a Contract-by-Contract basis. If the DBE regular dealer is a
49 UDBE, participation may count towards the UDBE COA Goal.
50

1 Regular Dealer DBE firms, including UDBEs must be approved before being
2 used on a project. The WSDOT Approved Regular Dealer list published on
3 WSDOT's Office of Equal Opportunity (OEO) web site must include the specific
4 project for which approval is being requested. For purposes of the UDBE COA
5 Goal participation, the Regular Dealer must submit the Regular Dealer Status
6 Request form a minimum of five days prior to bid opening.

7
8 Purchase of materials or supplies from a DBE which is neither a manufacturer
9 nor a regular dealer, (i.e. Broker) only the fees or commissions charged for
10 assistance in the procurement of the materials and supplies, or fees or
11 transportation charges for the delivery of materials or supplies required on a job
12 site, can count as DBE participation provided the fees are not excessive as
13 compared with fees customarily allowed for similar services. Documentation will
14 be required to support the fee/commission charged by the DBE. The cost of the
15 materials and supplies themselves cannot be counted toward as DBE
16 participation.

17
18 Note: Requests to be listed as a Regular Dealer will only be processed if the
19 requesting firm is a material supplier certified by the Office of Minority
20 and Women's Business Enterprises in a NAICS code that falls within
21 the 42XXXX NAICS Wholesale code section.

22 23 **Underutilized Disadvantaged Business Enterprise Utilization**

24 The requirements of this section apply to projects with a UDBE COA Goal. To be
25 eligible for award of the Contract, the Bidder shall properly complete and submit an
26 Underutilized Disadvantaged Business Enterprise (UDBE) Utilization Certification
27 with the Bidder's sealed Bid Proposal, as specified in Section 1-02.9 Delivery of
28 Proposal. The Bidder's UDBE Utilization Certification must clearly demonstrate how
29 the Bidder intends to meet the UDBE COA Goal. A UDBE Utilization Certification
30 (WSDOT Form 272-056U) is included in the Proposal package for this purpose as
31 well as instructions on how to properly fill out the form.

32
33 The Bidder is advised that the items listed below when listed in the Utilization
34 Certification must have their amounts reduced to the percentages shown and those
35 reduced amounts will be the amount applied towards meeting the UDBE COA Goal.

- 36
- 37 • Force account at 50%
- 38 • Regular dealer at 60%
- 39

40 In the event of arithmetic errors in completing the UDBE Utilization Certification, the
41 amount listed to be applied towards the UDBE COA Goal for each UDBE shall govern
42 and the UDBE total amount shall be adjusted accordingly.

43
44 Note: The Contracting Agency shall consider as non-responsive and shall
45 reject any Bid Proposal submitted that does not contain a UDBE
46 Utilization Certification Form that accurately demonstrates how the
47 Bidder intends to meet the UDBE COA Goal.

Underutilized Disadvantaged Business Enterprise Written Confirmation Document(s)

The requirements of this section apply to projects with a UDBE COA Goal. The Bidder shall submit an Underutilized Disadvantaged Business Enterprise (UDBE) Written Confirmation Document (completed and signed by the UDBE) for each UDBE firm listed in the Bidder's completed UDBE Utilization Certification submitted with the Bid. Failure to do so will result in the associated participation being disallowed, which may cause the Bid to be determined to be nonresponsive resulting in Bid rejection.

The Confirmation Documents provide confirmation from the UDBEs that they are participating in the Contract as provided in the Contractor's Commitment. The Confirmation Documents must be consistent with the Utilization Certification.

A UDBE Written Confirmation Document (WSDOT Form 422-031U) is included in the Proposal package for this purpose.

The form(s) shall be received as specified in the special provisions for Section 1-02.9 Delivery of Proposal.

It is prohibited for the Bidder to require a UDBE to submit a Written Confirmation Document with any part of the form left blank. Should the Contracting Agency determine that an incomplete Written Confirmation Document was signed by a UDBE, the validity of the document comes into question. The associated UDBE participation may not receive credit.

Selection of Successful Bidder/Good Faith Efforts (GFE)

The requirements of this section apply to projects with a UDBE COA Goal. The successful Bidder shall be selected on the basis of having submitted the lowest responsive Bid, which demonstrates a good faith effort to achieve the UDBE COA Goal. The Contracting Agency, at any time during the selection process, may request a breakdown of the bid items and amounts that are counted towards the overall contract goal for any of the UDBEs listed on the UDBE Utilization Certification.

Achieving the UDBE COA Goal may be accomplished in one of two ways:

1. By meeting the UDBE COA Goal

Submission of the UDBE Utilization Certification and supporting UDBE Written Confirmation Document(s) showing the Bidder has obtained enough UDBE participation to meet or exceed the UDBE COA Goal.

2. By documentation that the Bidder made adequate GFE to meet the UDBE COA Goal

The Bidder may demonstrate a GFE in whole or part through GFE documentation ONLY IN THE EVENT a Bidder's efforts to solicit sufficient UDBE participation have been unsuccessful. The Bidder must supply GFE documentation in addition to the UDBE Utilization Certification, and supporting UDBE Written Confirmation Document(s).

Note: In the case where a Bidder is awarded the contract based on demonstrating adequate GFE, the advertised UDBE COA Goal will not

1 be reduced. The Bidder shall demonstrate a GFE during the life of the
2 Contract to attain the advertised UDBE COA Goal.

3
4 GFE documentation shall be submitted as specified in Section 1-02.9.

5
6 The Contracting Agency will review the GFE documentation and will determine if the
7 Bidder made an adequate good faith effort.

8
9 **Good Faith Effort (GFE) Documentation**

10 GFE is evaluated when:

- 11
12 1. Determining award of a Contract that has COA goal,
13
14 2. When a COA UDBE is terminated and substitution is required, and
15
16 3. Prior to Physical Completion when determining whether the Contractor has
17 satisfied its UDBE commitments.

18
19 49 CFR Part 26, Appendix A is intended as general guidance and does not, in itself,
20 demonstrate adequate good faith efforts. The following is a list of types of actions,
21 which would be considered as part of the Bidder's GFE to achieve UDBE
22 participation. It is not intended to be a mandatory checklist, nor is it intended to be
23 exclusive or exhaustive. Other factors or types of efforts may be relevant in
24 appropriate cases.

- 25
26 1. Soliciting through all reasonable and available means (e.g. attendance at
27 pre-bid meetings, advertising and/or written notices) the interest of all
28 certified UDBEs who have the capability to perform the Work of the
29 Contract. The Bidder must solicit this interest within sufficient time to allow
30 the UDBEs to respond to the solicitation. The Bidder must determine with
31 certainty if the UDBEs are interested by taking appropriate steps to follow
32 up initial solicitations.
33
34 2. Selecting portions of the Work to be performed by UDBEs in order to
35 increase the likelihood that the UDBE COA Goal will be achieved. This
36 includes, where appropriate, breaking out contract Work items into
37 economically feasible units to facilitate UDBE participation, even when the
38 Contractor might otherwise prefer to perform these Work items with its own
39 forces.
40
41 3. Providing interested UDBEs with adequate information about the Plans,
42 Specifications, and requirements of the Contract in a timely manner to
43 assist them in responding to a solicitation.
44
45 a. Negotiating in good faith with interested UDBEs. It is the Bidder's
46 responsibility to make a portion of the Work available to UDBE
47 subcontractors and suppliers and to select those portions of the Work
48 or material needs consistent with the available UDBE subcontractors
49 and suppliers, so as to facilitate UDBE participation. Evidence of such
50 negotiation includes the names, addresses, and telephone numbers of
51 UDBEs that were considered; a description of the information provided

1 regarding the Plans and Specifications for the Work selected for
2 subcontracting; and evidence as to why additional agreements could
3 not be reached for UDBEs to perform the Work.
4

5 b. A Bidder using good business judgment would consider a number of
6 factors in negotiating with subcontractors, including DBE
7 subcontractors, and would take a firm's price and capabilities as well
8 as the UDBE COA Goal into consideration. However, the fact that there
9 may be some additional costs involved in finding and using UDBEs is
10 not in itself sufficient reason for a Bidder's failure to meet the UDBE
11 COA Goal, as long as such costs are reasonable. Also, the ability or
12 desire of a Contractor to perform the Work of a Contract with its own
13 organization does not relieve the Bidder of the responsibility to make
14 Good Faith Efforts. Contractors are not, however, required to accept
15 higher quotes from UDBEs if the price difference is excessive or
16 unreasonable.
17

18 4. Not rejecting UDBEs as being unqualified without sound reasons based on
19 a thorough investigation of their capabilities. The Contractor's standing
20 within its industry, membership in specific groups, organizations, or
21 associations and political or social affiliations (for example union vs. non-
22 union employee status) are not legitimate causes for the rejection or non-
23 solicitation of bids in the Contractor's efforts to meet the UDBE COA Goal.
24

25 5. Making efforts to assist interested UDBEs in obtaining bonding, lines of
26 credit, or insurance as required by the recipient or Contractor.
27

28 6. Making efforts to assist interested UDBEs in obtaining necessary
29 equipment, supplies, materials, or related assistance or services.
30

31 7. Effectively using the services of available minority/women community
32 organizations; minority/women contractors' groups; local, State, and
33 Federal minority/women business assistance offices; and other
34 organizations as allowed on a case-by-case basis to provide assistance in
35 the recruitment and placement of UDBEs.
36

37 8. Documentation of GFE must include copies of each UDBE and non-DBE
38 subcontractor quotes submitted to the Bidder when a non-DBE
39 subcontractor is selected over a UDBE for Work on the Contract. (ref.
40 updated DBE regulations – 26.53(b)(2)(vi) & App. A)
41

42 **Administrative Reconsideration of GFE Documentation**

43 A Bidder has the right to request reconsideration if the GFE documentation submitted
44 with their Bid was determined to be inadequate.
45

- 46 • The Bidder must request within 48 hours of notification of being
47 nonresponsive or forfeit the right to reconsideration.
48
- 49 • The reconsideration decision on the adequacy of the Bidder's GFE
50 documentation shall be made by an official who did not take part in the
51 original determination.

- Only original GFE documentation submitted as a supplement to the Bid shall be considered. The Bidder shall not introduce new documentation at the reconsideration hearing.
- The Bidder shall have the opportunity to meet in person with the official for the purpose of setting forth the Bidder's position as to why the GFE documentation demonstrates a sufficient effort.
- The reconsideration official shall provide the Bidder with a written decision on reconsideration within five working days of the hearing explaining the basis for their finding.

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 UDBE Bid Item Breakdown is required which shall contain the following information for all UDBEs as shown on the UDBE Utilization Certification:
 - a. Correct business name, federal employee identification number (if available), and mailing address.
 - b. List of all Bid items assigned to each UDBE with a clear description of Work to be performed for each Bid item and the dollar value of the Work to be performed by the UDBE.
 - c. Description of partial items (if any) to be sublet to each UDBE specifying the Work committed under each item to be performed and including the dollar value of the UDBE portion.
 - d. Total amounts shown for each UDBE shall match the amount shown on the UDBE Utilization Certification. A UDBE Bid Item Breakdown that does not conform to the UDBE Utilization Certification or that demonstrates a different amount of UDBE participation than that included in the UDBE Utilization Certification will be returned for correction.
2. 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

1 commensurate with the work actually performed by the DBE. This applies to all
2 DBEs performing Work on a project, whether or not the DBEs are COA, if the
3 Contractor wants to receive credit for their participation. The Engineer will
4 conduct CUF reviews to ascertain whether DBEs are performing a CUF. A DBE
5 performs a CUF when it is carrying out its responsibilities of its contract by
6 actually performing, managing, and supervising the Work involved. The DBE
7 must be responsible for negotiating price; determining quality and quantity;
8 ordering the material, installing (where applicable); and paying for the material
9 itself. If a DBE does not perform "all" of these functions on a furnish-and-install
10 contract, it has not performed a CUF and the cost of materials cannot be counted
11 toward UDBE COA Goal. Leasing of equipment from a leasing company is
12 allowed. However, leasing/purchasing equipment from the Contractor is not
13 allowed. Lease agreements shall be readily available for review by the Engineer.

14
15 In order for a DBE traffic control company to be considered to be performing a
16 CUF, the DBE must be in control of its work inclusive of supervision. The DBE
17 shall employ a Traffic Control Supervisor who is directly involved in the
18 management and supervision of the traffic control employees and services.

19
20 The DBE does not perform a CUF if its role is limited to that of an extra
21 participant in a transaction, contract, or project through which the funds are
22 passed in order to obtain the appearance of DBE participation.

23
24 The following are some of the factors that the Engineer will use in determining
25 whether a DBE trucking company is performing a CUF:

- 26
27 • The DBE shall be responsible for the management and supervision of
28 the entire trucking operation for which it is responsible on the contract.
29 The owner demonstrates business related knowledge, shows up on
30 site and is determined to be actively running the business.
- 31
32 • The DBE shall with its own workforce, operate at least one fully
33 licensed, insured, and operational truck used on the Contract. The
34 drivers of the trucks owned and leased by the DBE must be exclusively
35 employed by the DBE and reflected on the DBE's payroll.
- 36
37 • Lease agreements for trucks shall indicate that the DBE has exclusive
38 use of and control over the truck(s). This does not preclude the leased
39 truck from working for others provided it is with the consent of the DBE
40 and the lease provides the DBE absolute priority for use of the leased
41 truck.
- 42
43 • Leased trucks shall display the name and identification number of the
44 DBE.

45 **UDBE Utilization Plan**

46 The UDBE Bid Item Breakdown is the initial plan for Bid Item work committed to
47 UDBE firms. At any time between Execution and Physical Completion, if the
48 Contractor identifies a change in the plan, an update to the Bid Item Breakdown
49 shall be submitted to the Engineer within 7 calendar days of the proposed
50

change for review and acceptance. Plan updates shall not make changes to the Commitment or the UDBE Utilization Certification.

Joint Checking

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

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

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

Material costs paid by the Contractor directly to the material supplier are not allowed. If proper procedures are not followed or the Engineer determines that the arrangement results in lack of independence for the 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.

Changes in COA Work Committed to UDBE

The Contractor shall utilize the COA UDBEs to perform the work and supply the materials for which each is committed unless approved by the Engineer. The Contractor shall not be entitled to any payment for work or material completed by the Contractor or subcontractors that was committed to be completed by the COA UDBEs.

1 **Owner Initiated Changes**

2 Where the Engineer makes changes that result in changes to Work that was
3 committed to a COA UDBE. The Contractor may be directed to substitute for the
4 Work in such instances.

5
6 **Contractor Initiated Changes**

7 The Contractor cannot reduce the amount of work committed to a COA UDBE
8 without good cause. Reducing UDBE Commitment is viewed as partial UDBE
9 termination, and therefore subject to the termination procedures below.

10
11 **Original Quantity Underruns**

12 In the event that Work committed to a UDBE firm as part of the COA underruns
13 the original planned quantities the Contractor may be required to substitute other
14 remaining Work to another UDBE.

15
16 **Contractor Proposed DBE Substitutions**

17 Requests to substitute a COA UDBE must be for good cause (see UDBE
18 termination process below), and requires prior written approval of the Engineer.
19 After receiving a termination with good cause approval, the Contractor may only
20 replace a UDBE with another certified UDBE. When any changes between
21 Contract Award and Execution result in a substitution of COA UDBE, the
22 substitute UDBE shall be certified prior to the bid opening on the Contract.

23
24 **UDBE Termination**

25 Termination of a COA UDBE (or an approved substitute UDBE) is only allowed
26 in whole or in part with prior written approval of the Engineer. If the Contractor
27 terminates a COA UDBE without the written approval of the Engineer, the
28 Contractor shall not be entitled to credit towards the UDBE COA Goal for any
29 payment for work or material performed/supplied by the COA UDBE. In addition,
30 sanctions may apply as described elsewhere in this specification.

31
32 The Contractor must have good cause to terminate a COA UDBE.

33
34 Good cause typically includes situations where the UDBE Subcontractor is
35 unable or unwilling to perform the work of its subcontract. Good cause may exist
36 if:

- 37
38
- The UDBE fails or refuses to execute a written contract.
 - The UDBE fails or refuses to perform the Work of its subcontract in a way consistent with normal industry standards.
 - The UDBE fails or refuses to meet the Contractor's reasonable nondiscriminatory bond requirements.
 - The UDBE becomes bankrupt, insolvent, or exhibits credit unworthiness.
 - The UDBE is ineligible to work on public works projects because of suspension and debarment proceedings pursuant to federal law or applicable State law.
- 49
50
51

- The UDBE voluntarily withdraws from the project, and provides written notice of its withdrawal.
- The UDBE's work is deemed unsatisfactory by the Engineer and not in compliance with the Contract.
- The UDBE's owner dies or becomes disabled with the result that the UDBE is unable to complete its Work on the Contract.

Good cause does not exist if:

- The Contractor seeks to terminate a COA UDBE so that the Contractor can self-perform the Work.
- The Contractor seeks to terminate a COA UDBE so the Contractor can substitute another DBE contractor or non-DBE contractor after Contract Award.
- The failure or refusal of the COA UDBE to perform its Work on the subcontract results from the bad faith or discriminatory action of the Contractor (e.g., the failure of the Contractor to make timely payments or the unnecessary placing of obstacles in the path of the UDBE's Work).

Prior to requesting termination, the Contractor shall give notice in writing to the UDBE with a copy to the Engineer of its intent to request to terminate UDBE Work and the reasons for doing so. The UDBE shall have five (5) days to respond to the Contractor's notice. The UDBE's response shall either support the termination or advise the Engineer and the Contractor of the reasons it objects to the termination of its subcontract.

When a COA UDBE is terminated, or fails to complete its work on the Contract for any reason, the Contractor shall substitute with another UDBE or provide documentation of GFE. A plan to achieve the COA UDBE Commitment shall be submitted to the Engineer within 2 days of the approval of termination or the Contract shall be suspended until such time the substitution plan is submitted.

Decertification

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

Consequences of Non-Compliance

Breach of Contract

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

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

- 8
9 (1) Withholding monthly progress payments;
10
11 (2) Assessing sanctions;
12
13 (3) Liquidated damages; and/or
14
15 (4) Disqualifying the Contractor from future bidding as non-responsible.
16

17 **Notice**

18 If the Contractor or any Subcontractor, Consultant, Regular Dealer, or service
19 provider is deemed to be in non-compliance, the Contractor will be informed in
20 writing, by certified mail by the Engineer that sanctions will be imposed for failure
21 to meet the UDBE COA Commitment and/or submit documentation of good faith
22 efforts. The notice will state the specific sanctions to be imposed which may
23 include impacting a Contractor or other entity's ability to participate in future
24 contracts.
25

26 **Sanctions**

27 If it is determined that the Contractor's failure to meet all or part of the UDBE COA
28 Commitment is due to the Contractor's inadequate good faith efforts throughout the
29 life of the Contract, including failure to submit timely, required Good Faith Efforts
30 information and documentation, the Contractor may be required to pay DBE penalty
31 equal to the amount of the unmet Commitment, in addition to the sanctions outlined
32 in Section 1-07.11(5).
33

34 **Payment**

35 Compensation for all costs involved with complying with the conditions of this
36 Specification and any other associated DBE requirements is included in payment for
37 the associated Contract items of Work, except otherwise provided in the
38 Specifications.
39

40 **1-07.12 Federal Agency Inspection**

41
42 Section 1-07.12 is supplemented with the following:
43

44 ***(January 25, 2016)***

45 ***Required Federal Aid Provisions***

46 The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273)
47 Revised May 1, 2012 and the amendments thereto supersede any conflicting provisions
48 of the Standard Specifications and are made a part of this Contract; provided, however,
49 that if any of the provisions of FHWA 1273, as amended, are less restrictive than
50 Washington State Law, then the Washington State Law shall prevail.
51

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

1-07.13 Contractor's Responsibility for Work

1-07.13(4) Repair of Damage

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

(August 6, 2001)

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

Section 1-07.17 is supplemented with the following:

(April 2, 2007)

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

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

All Stream Fiber Optic

Contact: Dennis Gearhart

Office and Emergency: (360) 305-2114

dennis.gearhart@prestigetel.com

Frontier Communications Northwest

Contact: Brian Smith

595 Pease Road Burlington, WA 98233

Office: (360) 707-0641

Public Utility District No. 1 of Skagit County

Contact: Mike Benton

1415 Freeway Drive Mount Vernon, WA. 98273

Office and Emergency: (360) 424-7104

Puget Sound Energy

1 Contact: Jane Major
2 1660 Park Lane, Burlington, WA 98233
3 (360) 766-5571
4 jane.major@pse.com
5
6 Quest Local Network
7 Contact: Gary for locates (206) 473-0736 or Scott (360) 441-2913
8
9 Comcast
10 Contact: Bill Inama
11 400 Sequoia Drive, Bellingham, WA 98226
12 (360) 527-8243
13 Binama@cable.comcast.com
14
15 Broadband Cable
16 Contact: Mellissa Miller
17 1512 Fairview Street, Bellingham, WA 98228
18 (360) 933-1484
19 mmiller@blackrockcable.com
20
21 Cascade Natural Gas
22 Contact: James Hobbs
23 1520 S 2nd Street
24 Mount Vernon, WA 98273
25 (360) 941-0499
26
27 Utility Location Center (One Call Center)
28 (800) 424-5555 ***
29
30

31 **1-07.18 Public Liability and Property Damage Insurance**

32
33 Delete this section in its entirety, and replace it with the following:
34

35 **1-07.18 Insurance**

36 *(January 4, 2016 APWA GSP)*
37

38 **1-07.18(1) General Requirements**

- 39 A. The Contractor shall procure and maintain the insurance described in all subsections of
40 section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best
41 rating of not less than A-: VII and licensed to do business in the State of Washington.
42 The Contracting Agency reserves the right to approve or reject the insurance provided,
43 based on the insurer's financial condition.
44
45 B. The Contractor shall keep this insurance in force without interruption from the
46 commencement of the Contractor's Work through the term of the Contract and for thirty
47 (30) days after the Physical Completion date, unless otherwise indicated below.
48
49 C. If any insurance policy is written on a claims made form, its retroactive date, and that of
50 all subsequent renewals, shall be no later than the effective date of this Contract. The
51 policy shall state that coverage is claims made, and state the retroactive date. Claims-

1 made form coverage shall be maintained by the Contractor for a minimum of 36 months
2 following the Completion Date or earlier termination of this Contract, and the Contractor
3 shall annually provide the Contracting Agency with proof of renewal. If renewal of the
4 claims made form of coverage becomes unavailable, or economically prohibitive, the
5 Contractor shall purchase an extended reporting period ("tail") or execute another form of
6 guarantee acceptable to the Contracting Agency to assure financial responsibility for
7 liability for services performed.

8
9 D. The Contractor's Automobile Liability, Commercial General Liability and Excess or
10 Umbrella Liability insurance policies shall be primary and non-contributory insurance as
11 respects the Contracting Agency's insurance, self-insurance, or self-insured pool
12 coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the
13 Contracting Agency shall be excess of the Contractor's insurance and shall not contribute
14 with it.

15
16 E. The Contractor shall provide the Contracting Agency and all additional insureds with
17 written notice of any policy cancellation, within two business days of their receipt of such
18 notice.

19
20 F. The Contractor shall not begin work under the Contract until the required insurance has
21 been obtained and approved by the Contracting Agency

22
23 G. Failure on the part of the Contractor to maintain the insurance as required shall
24 constitute a material breach of contract, upon which the Contracting Agency may, after
25 giving five business days' notice to the Contractor to correct the breach, immediately
26 terminate the Contract or, at its discretion, procure or renew such insurance and pay any
27 and all premiums in connection therewith, with any sums so expended to be repaid to the
28 Contracting Agency on demand, or at the sole discretion of the Contracting Agency,
29 offset against funds due the Contractor from the Contracting Agency.

30
31 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices
32 of the Contract and no additional payment will be made.

33
34 **1-07.18(2) Additional Insured**

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

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

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

45
46 For Commercial General Liability insurance coverage, the required additional insured
47 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing
48 operations and CG 20 37 10 01 for completed operations.

49
50

1 **1-07.18(3) Subcontractors**
2 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage
3 that complies with all applicable requirements of the Contractor-provided insurance as set
4 forth herein, except the Contractor shall have sole responsibility for determining the limits of
5 coverage required to be obtained by Subcontractors.
6
7 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in
8 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by
9 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.
11
12 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
13 Agency evidence of insurance and copies of the additional insured endorsements of each
14 Subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.
15
16 **1-07.18(4) Verification of Coverage**
17 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and
18 endorsements for each policy of insurance meeting the requirements set forth herein when
19 the Contractor delivers the signed Contract for the work. Failure of Contracting Agency to
20 demand such verification of coverage with these insurance requirements or failure of
21 Contracting Agency to identify a deficiency from the insurance documentation provided shall
22 not be construed as a waiver of Contractor's obligation to maintain such insurance.
23
24 Verification of coverage shall include:
25 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
26 2. Copies of all endorsements naming Contracting Agency and all other entities listed in
27 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may
28 submit a copy of any blanket additional insured clause from its policies instead of a
29 separate endorsement.
30 3. Any other amendatory endorsements to show the coverage required herein.
31 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy
32 these requirements – actual endorsements must be submitted.
33
34 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
35 Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is
36 required on this Project, a full and certified copy of that policy is required when the
37 Contractor delivers the signed Contract for the work.
38
39 **1-07.18(5) Coverages and Limits**
40 The insurance shall provide the minimum coverages and limits set forth below. Contractor's
41 maintenance of insurance, its scope of coverage, and limits as required herein shall not be
42 construed to limit the liability of the Contractor to the coverage provided by such insurance,
43 or otherwise limit the Contracting Agency's recourse to any remedy available at law or in
44 equity.
45
46 All deductibles and self-insured retentions must be disclosed and are subject to approval by
47 the Contracting Agency. The cost of any claim payments falling within the deductible or self-
48 insured retention shall be the responsibility of the Contractor. In the event an additional

insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

1-07.18(5)A Commercial General Liability

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

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

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

Such policy must provide the following minimum limits:

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

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

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

1-07.18(5)C Workers' Compensation

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

1-07.23 Public Convenience and Safety

(*****)

Section 1-07.23 is supplemented with the following:

Protection of the Public

A safe environment for the public shall be maintained at all times during the project.

To accommodate the Burlington Edison School District's transportation schedule:

- The Contractor shall complete all work requiring full bridge closure between June 18, 2019 and July 17, 2019.

1-07.23(1) Construction under Traffic

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

(January 2, 2012)

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 55 mph	20
60 mph or greater	30

* or 2-feet beyond the outside edge of sidewalk

Minimum Work Zone Clear Zone Distance

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

Delete this section and replace it with the following:

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

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

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

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

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

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

1
2 **1-08 Prosecution and Progress**
3

4 Add the following new section:

5 **1-08.0 Preliminary Matters**
6 (May 25, 2006 APWA GSP)
7

8 Add the following new section:
9

10 **1-08.0(1) Preconstruction Conference**

11 *(October 10, 2008 APWA GSP)*
12

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

- 16 1. To review the initial progress schedule;
 - 17 2. To establish a working understanding among the various parties associated or
18 affected by the work;
 - 19 3. To establish and review procedures for progress payment, notifications, approvals,
20 submittals, etc.;
 - 21 4. To establish normal working hours for the work;
 - 22 5. To review safety standards and traffic control; and
 - 23 6. To discuss such other related items as may be pertinent to the work.
- 24

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

- 26 1. A breakdown of all lump sum items;
 - 27 2. A preliminary schedule of working drawing submittals; and
 - 28 3. A list of material sources for approval if applicable.
- 29

30 Add the following new section:
31

32 **1-08.0(2) Hours of Work**

33 *(December 8, 2014 APWA GSP)*
34

35 Except in the case of emergency or unless otherwise approved by the Engineer, the
36 normal working hours for the Contract shall be any consecutive 8-hour period between
37 7:00 a.m. and 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the
38 Contractor desires different than the normal working hours stated above, the request
39 must be submitted in writing prior to the preconstruction conference, subject to the
40 provisions below. The working hours for the Contract shall be established at or prior to
41 the preconstruction conference.
42

43 All working hours and days are also subject to local permit and ordinance conditions (such
44 as noise ordinances).
45

46 If the Contractor wishes to deviate from the established working hours, the Contractor
47 shall submit a written request to the Engineer for consideration. This request shall state
48 what hours are being requested, and why. Requests shall be submitted for review no

1 later than five (5) days prior to the day(s) the Contractor is requesting to change the
2 hours.

3
4 If the Contracting Agency approves such a deviation, such approval may be subject to
5 certain other conditions, which will be detailed in writing. For example:

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

22 23 **1-08.1 Subcontracting**

24
25 The eighth and ninth paragraphs are revised to read:
26 *(May 17, 2018 APWA GSP, Option A)*
27

28 The Contractor shall certify to the actual amount received from the Contracting Agency
29 and amounts paid to all firms that were used as Subcontractors, lower tier
30 subcontractors, manufacturers, regular dealers, or service providers on the Contract.
31 This includes all Disadvantaged, Minority, Small, Veteran or Women's Business
32 Enterprise firms. This Certification shall be submitted to the Engineer on a monthly basis
33 each month between Execution of the Contract and Physical Completion of the Contract
34 using the application available at: <https://wsdot.diversitycompliance.com>. A monthly
35 report shall be submitted for every month between Execution of the Contract and
36 Physical Completion regardless of whether payments were made or work occurred.
37

38 The Contractor shall comply with the requirements of RCW 39.04.250, 39.76.011,
39 39.76.020, and 39.76.040, in particular regarding prompt payment to Subcontractors.
40 Whenever the Contractor withholds payment to a Subcontractor for any reason including
41 disputed amounts, the Contractor shall provide notice within 10 calendar days to the
42 Subcontractor with a copy to the Contracting Agency identifying the reason for the
43 withholding and a clear description of what the Subcontractor must do to have the
44 withholding released. Retainage withheld by the Contractor prior to completion of the
45 Subcontractors work is exempt from reporting as a payment withheld and is not included
46 in the withheld amount. The Contracting Agency's copy of the notice to Subcontractor for
47 deferred payments shall be submitted to the Engineer concurrently with notification to the
48 Subcontractor.
49

Supplement this section with the following:
(October 12, 1998)

Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to the Engineer a certification (WSDOT Form 420-004 EF) 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 (Form 421-012 EF), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (Form 420-004 EF).

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

1-08.3 Progress Schedule

1-08.3(2)A Type A Progress Schedule (March 13, 2012 APWA GSP)

Revise this section to read:

The Contractor shall submit three (3) 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

(February 21, 2017 SkagitR)

The third paragraph of Section 1-08.5 is revised to read:

Contract time shall begin on the tenth working day following the Notice to Proceed Date. If the Contractor starts Work on the project at an earlier date, then Contract time shall begin on the first working day when onsite Work begins. The Contract Provisions may specify another starting date for Contract time, in which case, time will begin on the starting date specified.

Supplement this section with the following:

(March 13, 1995)

This project shall be physically completed within *** 20*** working days.

Supplement this section with the following:

(*****)

The 20 working days shall begin on June 18, 2019. Scheduling for the bridge projects is tied to the Burlington Edison School District bus route schedule and the Samish River Bridge Repair (Old Hwy 99N) Project.

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

1-02.2 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.

1-09.6 Force Account

(July 14, 2016 SkagitR)

Section 1-09.6 is supplemented with the following:

The Contracting Agency has estimated, and included in the Proposal, dollar amounts for all items to be paid by 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.

Payment for unanticipated work performed during construction will be made using the below listed estimated bid items when they are included in the bid proposal:

"Unanticipated Underground Conflicts"

The Unanticipated Underground Conflicts bid item is to be used when unanticipated underground conflicts occur that differ from the design. Engineer approval will be required prior to performing the work.

"Unanticipated Minor Structure Revisions"

The Unanticipated Minor Structure Revisions bid item is to be used when minor structural revisions are required due to unanticipated conflicts in the structural design. Engineer approval will be required prior to performing the work.

"Unanticipated Dewatering"

The Unanticipated Dewatering bid item is to be used when unanticipated ground water impacts the site work. Engineer approval will be required prior to performing the work.

"Unanticipated Unsuitable Subgrade Repair"

1 The Unanticipated Unsuitable Subgrade Repair bid item is to be used when
2 unsuitable sub-grade material is encountered requiring over-excavation and repair.
3 Engineer approval will be required prior to performing the work.
4

5 “Unanticipated Repair/Restoration of Public and Private Facilities”

6 The Unanticipated Repair/Restoration of Public and Private Facilities bid item is to
7 be used when unanticipated property damage occurs through no fault of the
8 Contractor or Contracting Agency. Engineer approval will be required prior to
9 performing the work.
10

11 **1-09.9 Payments**

12 *(March 13, 2012 APWA GSP)*
13
14

15 Delete the first four paragraphs and replace them with the following:
16

17 The basis of payment will be the actual quantities of Work performed according to the
18 Contract and as specified for payment.
19

20 The Contractor shall submit a breakdown of the cost of lump sum bid items at the
21 Preconstruction Conference, to enable the Project Engineer to determine the Work
22 performed on a monthly basis. A breakdown is not required for lump sum items that
23 include a basis for incremental payments as part of the respective Specification. Absent
24 a lump sum breakdown, the Project Engineer will make a determination based on
25 information available. The Project Engineer's determination of the cost of work shall be
26 final.
27

28 Progress payments for completed work and material on hand will be based upon
29 progress estimates prepared by the Engineer. A progress estimate cutoff date will be
30 established at the preconstruction conference.
31

32 The initial progress estimate will be made not later than 30 days after the Contractor
33 commences the work, and successive progress estimates will be made every month
34 thereafter until the Completion Date. Progress estimates made during progress of the
35 work are tentative, and made only for the purpose of determining progress payments.
36 The progress estimates are subject to change at any time prior to the calculation of the
37 final payment.
38

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

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

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

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

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

1-09.9(1) Retainage

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

(June 27, 2011)
Vacant

1-09.11(3) Time Limitation and Jurisdiction

(July 23, 2015 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 36.01.05 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(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 **1-09.13(3)A Administration of Arbitration**

2 *(July 23, 2015 APWA GSP)*

3
4 Revise the third paragraph to read:

5
6 The Contracting Agency and the Contractor mutually agree to be bound by the decision of
7 the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in
8 the Superior Court of the county in which the Contracting Agency's headquarters is
9 located, provided that where claims subject to arbitration are asserted against a county,
10 RCW 36.01.05 shall control venue and jurisdiction of the Superior Court. The decision of
11 the arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall
12 use the Contract as a basis for decisions.
13

14 **1-10 Temporary Traffic Control**

15 **1-10.1 General**

16 **1-10.1(2) Description**

17
18 Section 1-10.1(2) is supplemented with the following:

19
20 *(*****)*

21 **Definitions**

22 **Phase I-** Phase I is considered to be two weeks prior to the beginning of
23 construction activities. The work to be completed in Phase I is indicted in the plans
24 as "Traffic Control Plan-Phase I". No other work shall be completed during this time.
25 The time associated with the bid items "Portable Changeable Message Sign" and
26 "Other Traffic Control Labor" will not be considered working days prior to start of
27 construction activities.

28 **Phase II-** Phase II is considered to be from the start of construction activities to
29 physical completion.
30

31 **Execution and Responsibility for Temporary Traffic Control**

32 Prior to commencement of construction activities, the Friday Creek Bridge Repairs
33 Contractor will supply and install all traffic control signs and devices. The same PCMS
34 will be used for Phase I and Phase II.
35

36 **1-10.2 Traffic Control Management**

37
38 *(January 3, 2017)*

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

42
43 The Northwest Laborers-Employers Training Trust
44 27055 Ohio Ave.
45 Kingston, WA 98346
46 (360) 297-3035
47

48 Evergreen Safety Council
49 12545 135th Ave. NE

1 Kirkland, WA 98034-8709
2 1-800-521-0778
3
4 The American Traffic Safety Services Association
5 15 Riverside Parkway, Suite 100
6 Fredericksburg, Virginia 22406-1022
7 Training Dept. Toll Free (877) 642-4637
8 Phone: (540) 368-1701
9

10 **1-10.2(2) Traffic Control Plans**
11

12 *(March 18, 2016 SkagitR)*

13 Section 1-10.2(2) is supplemented with the following:
14

15 Traffic Control Plans (TCP's) are provided as a part of the contract documents. The
16 contractor may choose to submit alternate TCP's for approval as outlined in this
17 section.
18

19 The Contractor shall submit to the Engineer, for review, and shall receive approval prior
20 to beginning work, a plan for any temporary closures not shown on the Plans or any
21 other traffic control plan to be implemented for the construction of this project.
22
23

24 **1-10.4(3) Reinstating Unit Items with Lump Sum Traffic Control**
25

26 Section 1-10.4(3) is supplemented with the following:
27

28 *(August 2, 2004)*

29 The bid proposal contains the item "Project Temporary Traffic Control," lump sum and
30 the additional temporary traffic control items listed below. The provisions of Section
31 1-10.4(1), Section 1-10.4(3), and Section 1-10.5(3) shall apply.
32

33 ***Construction Signs Class A, per square foot.***

34 ***Portable Changeable Message Sign, per hour.***

**Division 2
Earthwork**

2-03 Roadway Excavation and Embankment

2-03.1 Description

(January 17, 2017 SkagitR)

Section 2-03.1 is supplemented with the following:

Saw Cut Asphalt Concrete Pavement

Where shown on the Plans or where designated by the Engineer, the Contractor shall saw cut asphalt concrete pavement prior to removal of any pavement.

2-03.4 Measurement

(January 17, 2017 SkagitR)

Section 2-03.4 is supplemented with the following:

There will be no separate measurement for saw cutting asphalt concrete pavement.

2-03.5 Payment

(January 17, 2017 SkagitR)

Section 2-03.5 is supplemented with the following:

All costs for saw cutting asphalt concrete pavement shall be incidental to and included in the unit price for "Roadway Excavation Incl. Haul".

1
2
3
4 **3-04 Acceptance of Aggregate**

5
6 **3-04.1 Description**
7 *(July 14, 2016 SkagitR)*
8
9 Section 3-04.1 is revised to read:
10
11 This work shall consist of acceptance of aggregate as provided for under nonstatistical
12 evaluation.
13 All aggregates shall meet the requirements in Section 9-03.
14 Nonstatistical evaluation will be used for the acceptance of aggregate materials.
15
16
17 **3-04.5 Payment**
18 *(July 14, 2016 SkagitR)*
19
20 Delete Section 3-04.5 and replace it with the following:
21
22 There will be no “Aggregate Compliance Price Adjustment”.

Division 5
Surface Treatments and Pavements

5-04 Hot Mix Asphalt

5-04.2 Materials

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

Section 5-04.2(2) is supplemented with the following:

(January 3, 2011)

ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be ***
1.36 *** million.

5-04.5(1) Price Adjustment for Quality of HMA Mixture (New Section)

(August 29, 2018 SkagitR)

Add the following new section:

There will be no price adjustments for HMA. All HMA having all constituents falling within the tolerance limits of the job mix formula and meeting the compaction requirements of Section 5-04.3(10) shall be accepted at the unit contract price with no further evaluation.

**Division 6
Structures**

6-02 Concrete Structures

6-02.2 Materials

Section 6-02.2 is supplemented with the following:

Poured Rubber Joint Sealer-----9-04.2(2)

6-02.3(13) Expansion Joints

Section 6-02.3(13) is supplemented with the following:

Expansion Joint Modification

(*****)

Field Measuring Existing Bridge Expansion Joints

The Contractor shall field measure the following dimensions of the existing bridge expansion joints of Bridge No(s). *** 40115 ***:

1. Length along the roadway surface and the horizontal and vertical surfaces of the concrete curb.
2. Opening width at both curb lines and at the centerline of the roadway surface.

The Contractor shall tabulate these field measured dimensions and submit them to the Engineer.

(*****)

Placing Expansion Joint Sealant Expansion Joint Modification Type I

Prior to scarifying the concrete deck for the modified concrete overlay, the Contractor shall remove all expansion joint materials and debris from the existing expansion joints, and shall dispose of these materials and debris as specified in Section 2-02.3.

Prior to placing the modified concrete overlay, the Contractor shall install a temporary form to fill the expansion joint gap. The temporary form shall preserve the expansion joint gap during the modified concrete overlay placement, and shall not damage the joint or the concrete overlay upon removal. The Contractor shall submit Type 2 Working Drawing consisting of the type of temporary form material, and the method of installation and removal.

1 The joint sealant shall not be placed against concrete (including concrete
2 overlay except for polyester concrete overlay) until at least seven days after
3 concrete placement.
4
5 After placing the modified concrete overlay and rounding the corner of the
6 overlay at the joints with a 3/8 inch radius, the Contractor shall clean the bridge
7 expansion joints of all temporary forms, dirt, form oil, grease, and other
8 deleterious material. The Contractor shall clean and prepare the entire joint
9 surface receiving the joint sealant in accordance with the manufacturer's joint
10 preparation procedure, and as recommended by the sealant manufacturer's
11 technical representative, including two stage abrasive blasting surface
12 preparation and compressed air cleaning.
13
14 After the cleaned and prepared joint has received the Engineer's approval for
15 joint dimensions, alignment, and preparation, the Contractor shall apply the
16 primer (if required), as recommended by the sealant manufacturer, to all
17 surfaces to be in contact with the joint sealant. The primer shall dry and cure for
18 the time period recommended by the sealant manufacturer for the surface type.
19
20 After the primer is cured, the Contractor shall place the backer rod, and place
21 the sealant in accordance with the joint installation procedure.
22
23
24

25 **6-09 Modified Concrete Overlays**

26 **6-09.3 Construction Requirements**

27 **6-09.3(1) Equipment**

28 **Hydro-Demolition Machines**

29 Section 6-09.3(1)C is supplemented with the following:

30 (August 4, 2003)

31 Possible sources of hydro-demolition machines include:

- 32 1. FLOW International, Inc.
33 23500 64th Avenue S
34 Kent, WA 98032
35 (253) 850-3500
36
 - 37 2. IVS Hydro-Demolition Services
38 5460 Green Palms Street
39 Las Vegas, NV 89103
40 (800) 532-6790
41
 - 42 3. Hydro-Technologies, Inc.
43 6200 E Highway 62
44 Jeffersonville, IN 47130
45 (812) 284-9376
46
- 47
48
49
50
51

- 1 4. National Hydro, Inc.
2 5643 Warner Road
3 Fowlerville, MI 48836
4 (517) 223-0915
5

6 The Contractor may choose to use a machine from a source not listed above,
7 provided the machine is manufactured specifically for concrete removal and
8 meets the performance criteria specified in Section 6-09.3(1)C.
9

10
11 **6-09.3(3) Concrete Overlay Mixes**
12

13 Section 6-09.3(3) is supplemented with the following:
14

15 *(January 11, 2016 SkagitR)*

16 The Contractor may use only fly ash modified concrete (FMC) or Microsilica Modified
17 concrete (MMC) for the concrete overlay. The Contractor shall submit a mix design
18 for the concrete to the Engineer in accordance with Item 5 of Section 6-09.3(2), and
19 use that type for the total concrete overlay operation.
20

21 **6-09.3(5) Scarifying Concrete Surface**
22

23 Section 6-09.3(5) is supplemented with the following:
24

25 *(April 6, 2015)*

26 The Contractor shall use a hydro-demolition machine for scarifying concrete
27 surfaces. The use of a rotary milling or shot blasting machines will not be allowed.
28 The Contractor shall inform the Engineer of the type of machine selected in
29 accordance with Item 1 of Section 6-09.3(2).
30

31
32 **6-09.3(5)C Hydro-Demolishing**
33

34 Section 6-09.3(5)C is supplemented with the following:
35

36 *(*****)*

37 All water and debris from the Hydro-Demolition process shall be contained and
38 prevented from entering Friday Creek.
39

40 Steel reinforcing bars used in deck repair operations, in accordance with Sections 6-
41 09.3(5)F and 6-09.3(6)B, shall be epoxy-coated in accordance with Section 6-
42 02.3(24)H.
43

44
45 **6-09.3 (10)A Survey of Existing Bridge Deck Prior to Scarification**
46

47 Section 6-09.3 (10)A Remove the second and third paragraphs and replace with the
48 following:
49

50 The Contractor shall establish the two primary control points to be used for the "Existing
51 Bridge Deck Survey" and for project grade control. The Contractor shall expand the

primary control information to include secondary horizontal and vertical control points as needed for the project. The Contractors survey records shall include descriptions of all survey primary control points including coordinates and elevations of secondary control points. Install paint marks on the face of the curb which are 1 ½" above the existing pavement at 15' foot intervals on each side of the bridge.

The Contractor shall conduct a post placement survey after the overlay and approach HMA has been placed and cured. All survey information shall be provided to the Engineer prior to beginning the scarification process. The post placement survey shall be provided to the Engineer five (5) days after the curing period has been completed.

Section 6-09.3 (10)A is supplemented with the following:

The survey area shall extend in the roadway 25 feet past the transition area where asphalt is to be removed and replaced. The edge of pavement, lane centerline and road centerline elevations shall be recorded in this area off the bridge.

6-09.3 (10)B Establishing Finish Overlay Profile
(January 11, 2016 SkagitR)

Section 6-09.3 (10)B is supplemented with the following:

The overlay shall have a thickness of 1-1/2 inches above original surface or 2 inches (nominal) above the prepared surface as specified by the Engineer and provide for a minimum of 2-1/2 inches of cover above all deck reinforcement.

The profile of the HMA transitions shall match the existing pavement on each end of the project and ramp up at a uniform rate to match the concrete overlay elevation.

If the existing bridge traffic railing is removed to provide access for the paving equipment, it shall be replaced in the same or better condition.

6-09.5 Payment
(February 15, 2017 SkagitR)

Section 6-09.5 is supplemented with the following:

All costs for Survey shall be incidental and included in the unit Contract price for Modified Concrete Overlay.

All costs to remove and replace the existing bridge traffic railing as required for the paving equipment shall be incidental and included in the unit Contract price for Modified Concrete Overlay.

Division 8
Miscellaneous Construction

8-01 Erosion Control and Water Pollution Control

8-01.3 Construction Requirements

Section 8-01.3 is supplemented with the following:
(May 11, 2018 SkagitR)

At the Preconstruction Meeting, the Contractor shall submit the temporary erosion and sediment control (TESC) Plan. The TESC Plan shall include the identification of the ESC Lead.

8-01.5 Payment

Section 8-01.5 is supplemented with the following:
(July 17, 2018 SkagitR)

“Erosion/Water Pollution Control”, by force account as provided in Section 1-09.6.

Maintenance and removal of erosion and water pollution control devices including removal and disposal of sediment, stabilization and rehabilitation of soil disturbed by these activities, and any additional Work deemed necessary by the Engineer to control erosion and water pollution will be paid by force account in accordance with Section 1-09.6.

To provide a common Proposal for all Bidders, the Contracting Agency has entered an amount in the Proposal to become a part of the Contractor’s total Bid.

8-23 Temporary Pavement Markings

8-23.3 Construction Requirements

8-23.3(1) General

(September 28, 2016 SkagitR)

Delete Section 8-23.3(1) and replace it with the following:

This work consists of furnishing and installing Temporary Flexible Pavement Markers in accordance with the Contract Provisions and Plans. Temporary Pavement Marking Tape may only be used in locations approved by the Engineer or as indicated in the Plans.

1 **8-23.4 Measurement**
2 *(September 28, 2016 SkagitR)*

3 Delete Section 8-23.4 and replace it with the following:

4
5 There will be no separate unit of measurement for placement and removal of Temporary
6 Pavement Markings. Temporary Pavement Markings shall be included in the
7 associated bid item "HMA for Approach Cl. ½" PG 64-22".
8

9 **8-23.5 Payment**
10 *(September 28, 2016 SkagitR)*

11 Delete Section 8-23.5 and replace it with the following:

12
13 All labor and material associated with the placement and removal of Temporary
14 Pavement Markings shall be included in the associated bid item "HMA for Approach Cl.
15 ½" PG 64-22".

1 **Appendices**
2 **(January 2, 2012)**

3 The following appendices are attached and made a part of this contract:

4
5 *** As below ***

6
7 APPENDIX A
8 WSDOT Standard Plans

9
10 APPENDIX B
11 Washington State Prevailing Wage Rates
12 Federal Davis Bacon Wage Rates

13
14 APPENDIX C
15 Construction Contract – Informational Only
16 Contract Bond – Informational Only

17
18 APPENDIX D
19 Proposal – Informational Only

20
21 APPENDIX E
22 Required Contract Provisions Federal Aid Construction Contracts – FHWA-1273

23
24 APPENDIX F
25 Permits

26
27 APPENDIX G
28 Vicinity Maps and Plans

1 **(August 6, 2018)**

2 **Standard Plans**

3 The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-
4 01 transmitted under Publications Transmittal No. PT 16-048, effective August 6, 2018 is made
5 a part of this contract.

6
7 The Standard Plans are revised as follows:

8
9 A-30.15
10 DELETED

11
12 A-40.10
13 Section View, PCCP to HMA Longitudinal Joint, callout, was – “Sawed Groove ~ Width
14 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1” (IN) MIN. ~ see Std. Spec. 5-04.3(12)B” is
15 revised to read; “Sawed Groove ~ Width 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1”
16 (IN) MIN. ~ see Std. Spec. Section 5-04.3(12)A2”

17
18 A-50.10
19 Sheet 2 of 2, Plan, with Single Slope Barrier, reference C-14a is revised to C-70.10

20
21 A-50.20
22 Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10

23
24 A-50.30
25 Sheet 2 of 2, Plan (top), reference C-14a is revised to C-70.1

26
27 B-10.60
28 DELETED

29
30 B-82.20
31 DELETED

32
33 B-90.40
34 Valve Detail - DELETED

35
36 C-4b
37 DELETED

38
39 C-4e
40 DELETED

41
42 C-4f
43 Sheet 3, SECTION B, callout – was: “THE NUT SHALL BE ASTM A563D STEEL, AND
44 GALVANIZED ACCORDING TO STANDARD SPEC. 9-16.3(3).” Is revised to read: “THE
45 NUT SHALL BE ASTM A307 STEEL, AND GALVANIZED ACCORDING TO STANDARD
46 SPEC. 9-16.3(3).”

47
48 C-16b
49 DELETED

50

1 C-22.14
2 DELETED
3
4 C-22.16
5 Note 3, formula, was: "Elevation G = (Elevation S – D x (0.1) + 31" is revised to read:
6 "Elevation G = (Elevation S – D x (0.1) + 31/12"
7
8 C-22.40
9 Elevation View, MSKT-SP-MGS (TL-3), dimension, MSKT-SP-MGS (TL-3) SYSTEM
10 LENGTH = 50' – 0" , dimension is revised to read: 46' – 10 1/2"
11
12 C-22.41
13 DELETED
14
15 C-22.45
16 Elevation View, MSKT-SP-MGS (TL-2), Dimension, "MSKT-SP-MGS (TL-2) SYSTEM
17 LENGTH = 25' – 0""; the 25' - 0" dimension is shown to begin at the centerline of POST 1
18 and terminate at the Mid-Span Splice located between (unlabeled) POST 6 and
19 (unlabeled) POST 7. The dimension is revised to begin at the centerline of POST 1 and
20 terminate at the centerline of (unlabeled) POST 5.
21
22 C-25.18
23 DELETED
24
25 C-40.14
26 DELETED
27
28 C-90.10
29 DELETED
30
31 D-10.10
32 Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
33 barriers attached on top of the wall are considered non-standard and shall be designed
34 in accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions
35 stated in the 11/3/15 Bridge Design memorandum.
36
37 D-10.15
38 Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
39 barriers attached on top of the wall are considered non-standard and shall be designed
40 in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15
41 Bridge Design memorandum.
42
43 D-10.20
44 Wall Type 3 may be used in all cases. The last sentence of Note 6 on Wall Type 3 shall
45 be revised to read: The seismic design of these walls has been completed using a site
46 adjusted (effective) peak ground acceleration of 0.32g.
47
48 D-10.25
49 Wall Type 4 may be used in all cases. The last sentence of Note 6 on Wall Type 4 shall
50 be revised to read: The seismic design of these walls has been completed using a site
51 adjusted (effective) peak ground acceleration of 0.32g.

1
2 D-10.30
3 Wall Type 5 may be used in all cases.
4
5 D-10.35
6 Wall Type 6 may be used in all cases.
7
8 D-10.40
9 Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
10 barriers attached on top of the wall are considered non-standard and shall be designed
11 in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15
12 Bridge Design memorandum.
13
14 D-10.45
15 Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic
16 barriers attached on top of the wall are considered non-standard and shall be designed
17 in accordance with the current WSDOT BDM and the revisions stated in the revisions
18 stated in the 11/3/15 Bridge Design memorandum.
19
20 D-15.10
21 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"
22 are withdrawn. Special designs in accordance with the current WSDOT BDM are required
23 in place of these STD Plans.
24
25 D-15.20
26 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"
27 are withdrawn. Special designs in accordance with the current WSDOT BDM are required
28 in place of these STD Plans.
29
30 D-15.30
31 STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls"
32 are withdrawn. Special designs in accordance with the current WSDOT BDM are required
33 in place of these STD Plans.
34
35 F-10.12
36 Section Title, was – "Depressed Curb Section" is revised to read: "Depressed Curb and
37 Gutter Section"
38
39 F-10.40
40 "EXTRUDED CURB AT CUT SLOPE", Section detail - Deleted
41
42 F-10.42
43 DELETE – "Extruded Curb at Cut Slope" View
44
45 G-90.10
46 TOP VIEW, callout, was – "Vertical Brace ~ W4 x 13 steel (TYP.)(See Note 4)" is revised
47 to read; "Vertical Brace ~ W4 x 13 steel (TYP.)(See Note 3)"
48
49 H-70.20
50 Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is
51 revised to H-70.10

1
2 I-30.30
3 8" Diameter Wattle Spacing Table, lower left corner, was –“Slope:1H : 1V, Maximum
4 Spacing:10' – 0”” is revised to read: “Slope:1H : 1V, Maximum Spacing:8' – 0””.
5
6 J-3
7 DELETED
8
9 J-3b
10 DELETED
11
12 J-3C
13 DELETED
14
15 J-10.21
16 Note 18, was – “When service cabinet is installed within right of way fence, see Standard
17 Plan J-10.22 for details.” Is revised to read; “When service cabinet is installed within right
18 of way fence, or the meter base is mounted on the exterior of the cabinet, see Standard
19 Plan J-10.22 for details.”
20
21 J-10.22
22 Key Note 1, was – “Meter base per serving utility requirements~ as a minimum, the meter
23 base shall be safety socket box with factory-installed test bypass facility that meets the
24 requirements of EUSERC drawing 305.” Is revised to read; “Meter base per serving utility
25 requirements~ as a minimum, the meter base shall be safety socket box with factory-
26 installed test bypass facility that meets the requirements of EUSERC drawing 305. When
27 the utility requires meter base to be mounted on the side or back of the service cabinet,
28 the meter base enclosure shall be fabricated from type 304 stainless steel.”
29 Key Note 4, “Test with (SPDT Snap Action, Positive close 15 Amp – 120/277 volt “T”
30 rated). Is revised to read: “Test Switch (SPDT snap action, positive close 15 amp –
31 120/277 volt “T” rated).”
32 Key Note 14, was – “Hinged dead front with ¼ turn fasteners or slide latch.” Is revised to
33 read; “Hinged dead front with ¼ turn fasteners or slide latch. ~ Dead front panel bolts
34 shall not extend into the vertical limits of the breaker array(s).”
35 Key Note 15, was – “Cabinet Main Bonding Jumper. Buss shall be 4 lug tinned copper.
36 See Cabinet Main bonding Jumper detail, Standard Plan J-3b.” is revised to read;
37 “Cabinet Main Bonding Jumper Assembly ~ Buss shall be 4 lug tinned copper ~ See
38 Standard Plan J-10.20 for Cabinet Main Bonding Jumper Assembly details.”
39
40 J-20.10
41 Add Note 5, “5. One accessible pedestrian signal assembly per pedestrian pushbutton
42 post.”
43
44 J-20.11
45 Sheet 2, Foundation Detail, Elevation, callout – “Type 1 Signal Pole” is revised to read:
46 “Type PS or Type 1 Signal Pole”
47 Sheet 2, Foundation Detail, Elevation, add note below Title, “(Type 1 Signal Pole Shown)”
48 Add Note 6, “6. One accessible pedestrian signal assembly per pedestrian pushbutton
49 post.”
50
51 J-20.26

1 Add Note 1, "1. One accessible pedestrian pushbutton station per pedestrian pushbutton
2 post."
3
4 J-20.16
5 View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE
6
7 J-21.10
8 Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – "ANCHOR BOLTS
9 ~ ¾" (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO
10 READ: "ANCHOR BOLTS ~ ¾" (IN) x 30" (IN) FULL THREAD ~ FOUR REQ'D. PER
11 ASSEMBLY"
12 Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top
13 of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR.. Delete "(TYP.)" from
14 the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find
15 2 # 4 reinf. Bar.
16 Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top
17 of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from
18 the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find
19 1 # 4 reinf. Bar.
20 Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top
21 of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from
22 the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find
23 2 # 4 reinf. Bar.
24 Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top
25 of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from
26 the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find
27 1 # 4 reinf. Bar.
28 Detail F, callout, "Heavy Hex Clamping Bolt (TYP.) ~ ¾" (IN) Diam. Torque Clamping
29 Bolts (see Note 3)" is revised to read; "Heavy Hex Clamping Bolt (TYP.) ~ ¾" (IN) Diam.
30 Torque Clamping Bolts (see Note 1)"
31 Detail F, callout, "¾" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Four Required (See Note 4)" is
32 revised to read; "¾" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Three Required (See Note 2)"
33
34 J-21.15
35 Partial View, callout, was – LOCK NIPPLE ~ 1 ½" DIAM., is revised to read; CHASE
36 NIPPLE ~ 1 ½" (IN) DIAM.
37
38 J-21.16
39 Detail A, callout, was – LOCKNIPPLE, is revised to read; CHASE NIPPLE
40
41 J-22.15
42 Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"
43 (2x) Detail A, callout, was – LOCK NIPPLE ~ 1 ½" DIAM. is revised to read; CHASE
44 NIPPLE ~ 1 ½" (IN) DIAM.
45
46 J-40.10
47 Sheet 2 of 2, Detail F, callout, "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 12" S. S.
48 FLAT WASHER" is revised to read; "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 1/2"
49 (IN) S. S. FLAT WASHER"
50
51 J-60.14

1 All references to J-16b (6x) are revised to read; J-60.11
2
3 K-80.30
4 In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan
5 K-80.35
6 Plan Title, was "ALTERNATIVE TEMPORARY CONC. BARRIER (F-SHAPE)" is revised
7 to read: "CONCRETE BARRIER TYPE F"
8
9 M-11.10
10 Layout, dimension (from stop bar to "X"), was – 23' is revised to read; 24'
11
12 The following are the Standard Plan numbers applicable at the time this project was
13 advertised. The date shown with each plan number is the publication approval date
14 shown in the lower right-hand corner of that plan. Standard Plans showing different dates
15 shall not be used in this contract.
16

A-10.10-00.....8/7/07	A-40.00-00.....8/11/09	A-50.30-00.....11/17/08
A-10.20-00.....10/5/07	A-40.10-03.....12/23/14	A-50.40-00.....11/17/08
A-10.30-00.....10/5/07	A-40.15-00.....8/11/09	A-60.10-03.....12/23/14
A-20.10-00.....8/31/07	A-40.20-04.....1/18/17	A-60.20-03.....12/23/14
A-30.10-00.....11/8/07	A-40.50-02.....12/23/14	A-60.30-01.....6/28/18
A-30.30-01.....6/16/11	A-50.10-00.....11/17/08	A-60.40-00.....8/31/07
A-30.35-00.....10/12/07	A-50.20-01.....9/22/09	

17

B-5.20-02.....1/26/17	B-30.50-03.....2/27/18	B-75.20-02.....2/27/18
B-5.40-02.....1/26/17	B-30.70-04.....2/27/18	B-75.50-01.....6/10/08
B-5.60-02.....1/26/17	B-30.80-01.....2/27/18	B-75.60-00.....6/8/06
B-10.20-02.....3/2/18	B-30.90-02.....1/26/17	B-80.20-00.....6/8/06
B-10.40-01.....1/26/17	B-35.20-00.....6/8/06	B-80.40-00.....6/1/06
B-10.70-00.....1/26/17	B-35.40-00.....6/8/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-40.20-00.....6/1/06	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-40.40-02.....1/26/17	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-45.20-01.....7/11/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-45.40-01.....7/21/17	B-85.50-01.....6/10/08
B-20.40-04.....2/27/18	B-50.20-00.....6/1/06	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-55.20-02.....2/27/18	B-90.20-00.....6/8/06
B-25.20-02.....2/27/18	B-60.20-01.....6/28/18	B-90.30-00.....6/8/06
B-25.60-02.....2/27/18	B-60.40-01.....2/27/18	B-90.40-01.....1/26/17
B-30.10-03.....2/27/18	B-65.20-01.....4/26/12	B-90.50-00.....6/8/06
B-30.15-00.....2/27/18	B-65.40-00.....6/1/06	B-95.20-01.....2/3/09
B-30.20-04.....2/27/18	B-70.20-00.....6/1/06	B-95.40-01.....6/28/18
B-30.30-03.....2/27/18	B-70.60-01.....1/26/17	
B-30.40-03.....2/27/18		

18

C-1.....6/28/18	C-20.15-02.....6/11/14	C-40.18-03.....7/21/17
C-1a.....7/14/15	C-20.18-02.....6/11/14	C-70.10-01.....6/17/14
C-1b.....7/14/15	C-20.19-02.....6/11/14	C-75.10-01.....6/11/14
C-1d.....10/31/03	C-20.40-06.....7/21/17	C-75.20-01.....6/11/14
C-2c.....6/21/06	C-20.41-01.....7/14/15	C-75.30-01.....6/11/14
C-4f.....7/2/12	C-20.42-05.....7/14/15	C-80.10-01.....6/11/14
C-6a.....10/14/09	C-20.45.01.....7/2/12	C-80.20-01.....6/11/14

	C-7.....6/16/11	C-22.16-06.....7/21/17	C-80.30-01.....6/11/14
	C-7a.....6/16/11	C-22.40-06.....7/21/17	C-80.40-01.....6/11/14
	C-8.....2/10/09	C-22.45-03.....7/21/17	C-80.50-00.....4/8/12
	C-8a.....7/25/97	C-23.60-04.....7/21/17	C-85.10-00.....4/8/12
	C-8b.....2/29/16	C-24.10-01.....6/11/14	C-85.11-00.....4/8/12
	C-8e.....2/21/07	C-25.20-06.....7/14/15	C-85.14-01.....6/11/14
	C-8f.....6/30/04	C-25.22-05.....7/14/15	C-85.15-01.....6/30/14
	C-16a.....7/21/17	C-25.26-03.....7/14/15	C-85.16-01.....6/17/14
	C-20.10-04.....7/21/17	C-25.30-00.....6/28/18	C-85.18-01.....6/11/14
	C-20.11-00.....7/21/17	C-25.80-04.....7/15/16	C-85.20-01.....6/11/14
	C-20.14-03.....6/11/14	C-40.16-02.....7/2/12	
1	D-2.04-00.....11/10/05	D-2.48-00.....11/10/05	D-3.17-02.....5/9/16
	D-2.06-01.....1/6/09	D-2.64-01.....1/6/09	D-4.....12/11/98
	D-2.08-00.....11/10/05	D-2.66-00.....11/10/05	D-6.....6/19/98
	D-2.14-00.....11/10/05	D-2.68-00.....11/10/05	D-10.10-01.....12/2/08
	D-2.16-00.....11/10/05	D-2.80-00.....11/10/05	D-10.15-01.....12/2/08
	D-2.18-00.....11/10/05	D-2.82-00.....11/10/05	D-10.20-00.....7/8/08
	D-2.20-00.....11/10/05	D-2.84-00.....11/10/05	D-10.25-00.....7/8/08
	D-2.32-00.....11/10/05	D-2.86-00.....11/10/05	D-10.30-00.....7/8/08
	D-2.34-01.....1/6/09	D-2.88-00.....11/10/05	D-10.35-00.....7/8/08
	D-2.36-03.....6/11/14	D-2.92-00.....11/10/05	D-10.40-01.....12/2/08
	D-2.42-00.....11/10/05	D-3.09-00.....5/17/12	D-10.45-01.....12/2/08
	D-2.44-00.....11/10/05	D-3.10-01.....5/29/13	D-15.10-01.....12/2/08
	D-2.60-00.....11/10/05	D-3.11-03.....6/11/14	D-15.20-03.....5/9/16
	D-2.62-00.....11/10/05	D-3.15-02.....6/10/13	D-15.30-01.....12/02/08
	D-2.46-01.....6/11/14	D-3.16-02.....5/29/13	
2	E-1.....2/21/07	E-4.....8/27/03	
	E-2.....5/29/98	E-4a.....8/27/03	
3	F-10.12-03.....6/11/14	F-10.62-02.....4/22/14	F-40.15-03.....6/29/16
	F-10.16-00.....12/20/06	F-10.64-03.....4/22/14	F-40.16-03.....6/29/16
	F-10.18-01.....7/11/17	F-30.10-03.....6/11/14	F-45.10-02.....7/15/16
	F-10.40-03.....6/29/16	F-40.12-03.....6/29/16	F-80.10-04.....7/15/16
	F-10.42-00.....1/23/07	F-40.14-03.....6/29/16	
4	G-10.10-00.....9/20/07	G-25.10-04.....6/10/13	G-90.10-03.....7/11/17
	G-20.10-02.....6/23/15	G-30.10-04.....6/23/15	G-90.11-00.....4/28/16
	G-22.10-04.....6/28/18	G-50.10-03.....6/28/18	G-90.20-05.....7/11/17
	G-24.10-00.....11/8/07	G-60.10-04.....6/28/18	G-90.30-04.....7/11/17
	G-24.20-01.....2/7/12	G-60.20-02.....6/18/15	G-90.40-02.....4/28/16
	G-24.30-02.....6/28/18	G-60.30-02.....6/18/15	G-95.10-02.....6/28/18
	G-24.40-07.....6/28/18	G-70.10-03.....6/18/15	G-95.20-03.....6/28/18
	G-24.50-04.....7/11/17	G-70.20-04.....7/21/17	G-95.30-03.....6/28/18
	G-24.60-05.....6/28/18	G-70.30-04.....7/21/17	
5	H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-01.....2/7/12
	H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-01.....2/16/12
	H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	H-70.30-02.....2/7/12
6			

1	I-10.10-01.....8/11/09	I-30.20-00.....9/20/07	I-40.20-00.....9/20/07
	I-30.10-02.....3/22/13	I-30.30-01.....6/10/13	I-50.20-01.....6/10/13
	I-30.15-02.....3/22/13	I-30.40-01.....6/10/13	I-60.10-01.....6/10/13
	I-30.16-00.....3/22/13	I-30.60-01.....3/7/18	I-60.20-01.....6/10/13
	I-30.17-00.....3/22/13	I-40.10-00.....9/20/07	I-80.10-02.....7/15/16
2	J-10.....7/18/97	J-28.22-00.....8/07/07	J-50.25-00.....6/3/11
	J-10.10-03.....6/3/15	J-28.24-01.....6/3/15	J-50.30-00.....6/3/11
	J-10.15-01.....6/11/14	J-28.26-01.....12/02/08	J-60.05-01.....7/21/16
	J-10.16-00.....6/3/15	J-28.30-03.....6/11/14	J-60.11-00.....5/20/13
	J-10.17-00.....6/3/15	J-28.40-02.....6/11/14	J-60.12-00.....5/20/13
	J-10.18-00.....6/3/15	J-28.42-01.....6/11/14	J-60.13-00.....6/16/10
	J-10.20-01.....6/1/16	J-28.43-01.....6/28/18	J-60.14-00.....6/16/10
	J-10.21-00.....6/3/15	J-28.45-03.....7/21/16	J-75.10-02.....7/10/15
	J-10.22-00.....5/29/13	J-28.50-03.....7/21/16	J-75.20-01.....7/10/15
	J-10.25-00.....7/11/17	J-28.60-02.....7/21/16	J-75.30-02.....7/10/15
	J-12.15-00.....6/28/18	J-28.70-03.....7/21/17	J-75.40-02.....6/1/16
	J-12.16-00.....6/28/18	J-29.10-01.....7/21/16	J-75.41-01.....6/29/16
	J-15.10-01.....6/11/14	J-29.15-01.....7/21/16	J-75.45-02.....6/1/16
	J-15.15-02.....7/10/15	J-29.16-02.....7/21/16	J-80.10-00.....6/28/18
	J-20.10-03.....6/30/14	J-30.10-00.....6/18/15	J-80.15-00.....6/28/18
	J-20.11-02.....6/30/14	J-40.05-00.....7/21/16	J-81.10-00.....6/28/18
	J-20.15-03.....6/30/14	J-40.10-04.....4/28/16	J-86.10-00.....6/28/18
	J-20.16-02.....6/30/14	J-40.20-03.....4/28/16	J-90.10-03.....6/28/18
	J-20.20-02.....5/20/13	J-40.30-04.....4/28/16	J-90.20-03.....6/28/18
	J-20.26-01.....7/12/12	J-40.35-01.....5/29/13	J-90.21-02.....6/28/18
	J-21.10-04.....6/30/14	J-40.36-02.....7/21/17	J-90.50-00.....6/28/18
	J-21.15-01.....6/10/13	J-40.37-02.....7/21/17	
	J-21.16-01.....6/10/13	J-40.38-01.....5/20/13	
	J-21.17-01.....6/10/13	J-40.39-00.....5/20/13	
	J-21.20-01.....6/10/13	J-40.40-01.....4/28/16	
	J-22.15-02.....7/10/15	J-45.36-00.....7/21/17	
	J-22.16-03.....7/10/15	J-50.05-00.....7/21/17	
	J-26.10-03.....7/21/16	J-50.10-00.....6/3/11	
	J-26.15-01.....5/17/12	J-50.11-01.....7/21/17	
	J-26.20-01.....6/28/18	J-50.12-01.....7/21/17	
	J-27.10-01.....7/21/16	J-50.15-01.....7/21/17	
	J-27.15-00.....3/15/12	J-50.16-01.....3/22/13	
	J-28.10-01.....5/11/11	J-50.20-00.....6/3/11	
3	K-70.20-01.....6/1/16		
	K-80.10-01.....6/1/16		
	K-80.20-00.....12/20/06		
	K-80.30-00.....2/21/07		
	K-80.35-00.....2/21/07		
3	K-80.37-00.....2/21/07		
	L-10.10-02.....6/21/12	L-40.10-02.....6/21/12	L-70.10-01.....5/21/08
	L-20.10-03.....7/14/15	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08
	L-30.10-02.....6/11/14	L-40.20-02.....6/21/12	

1

M-1.20-03.....6/24/14	M-12.10-01.....6/28/18	M-40.10-03.....6/24/14
M-1.40-02.....6/3/11	M-15.10-01.....2/6/07	M-40.20-00...10/12/07
M-1.60-02.....6/3/11	M-17.10-02.....7/3/08	M-40.30-01.....7/11/17
M-1.80-03.....6/3/11	M-20.10-02.....6/3/11	M-40.40-00.....9/20/07
M-2.20-03.....7/10/15	M-20.20-02.....4/20/15	M-40.50-00.....9/20/07
M-2.21-00.....7/10/15	M-20.30-04.....2/29/16	M-40.60-00.....9/20/07
M-3.10-03.....6/3/11	M-20.40-03.....6/24/14	M-60.10-01.....6/3/11
M-3.20-02.....6/3/11	M-20.50-02.....6/3/11	M-60.20-02.....6/27/11
M-3.30-03.....6/3/11	M-24.20-02.....4/20/15	M-65.10-02.....5/11/11
M-3.40-03.....6/3/11	M-24.40-02.....4/20/15	M-80.10-01.....6/3/11
M-3.50-02.....6/3/11	M-24.50-00.....6/16/11	M-80.20-00.....6/10/08
M-5.10-02.....6/3/11	M-24.60-04.....6/24/14	M-80.30-00.....6/10/08
M-7.50-01.....1/30/07	M-24.65-00.....7/11/17	
M-9.50-02.....6/24/14	M-24.66-00.....7/11/17	
M-9.60-00.....2/10/09		
M-11.10-02.....7/11/17		

2

3

4

APPENDIX A

Standard Plans

LONGITUDINAL BUFFER SPACE-B												
POSTED SPEED (MPH)	25	30	35	40	45	50	55	60	65			
LENGTH B (FEET)	153	200	250	305	360	425	495	570	645			

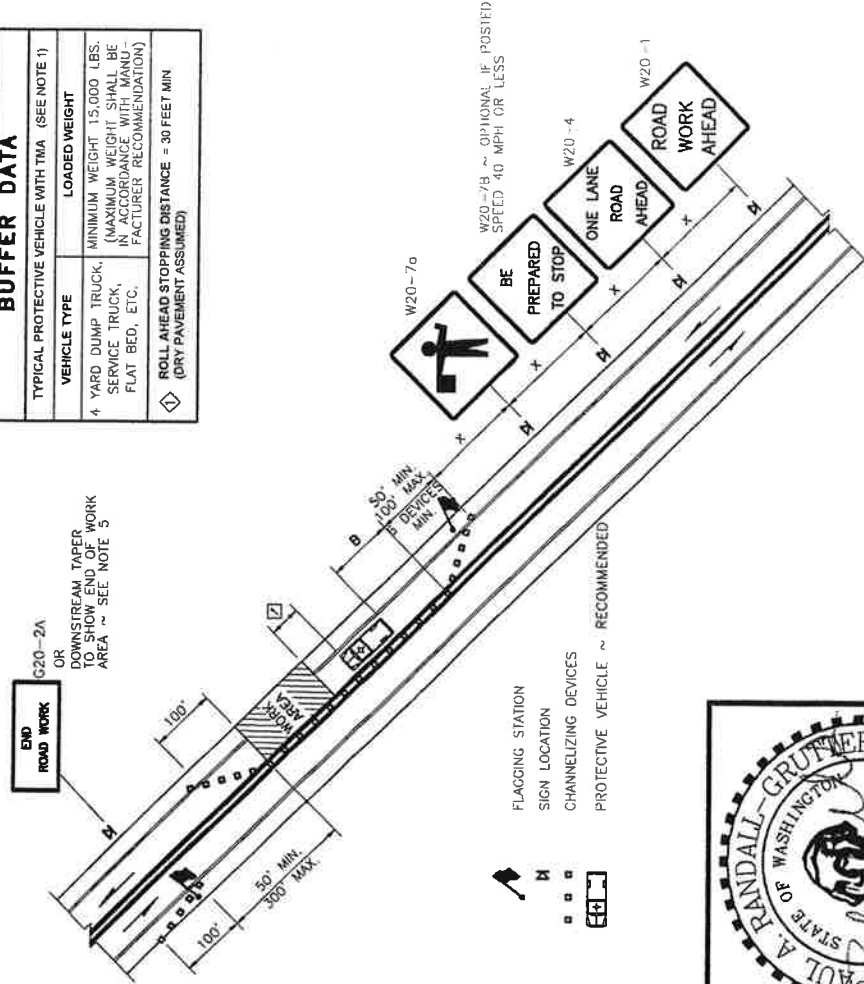
BUFFER DATA		
TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)		
VEHICLE TYPE	LOADED WEIGHT	
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)	
◇	ROLL AHEAD STOPPING DISTANCE = 30 FEET MIN (DRY PAVEMENT ASSUMED)	

NOTES:

1. A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TRUCK MOUNTED ATTENUATOR (TMA) IS AVAILABLE. A WORK VEHICLE MAY BE USED. WHEN NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED TO SHIELD WORKERS, WITH NO SPECIFIC ROLL-AHEAD DISTANCE.
2. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
3. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER ~ RECOMMENDED.
4. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
5. CHANNELIZING DEVICE SPACING FOR THE DOWNSIDE TAPER OPTION SHALL BE 20' O.C.
6. FOR SIGNS SIZE REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WSDOT SIGN FABRICATION MANUAL MS-05.

SIGN SPACING = X (1)			
RURAL HIGHWAYS	60/65 MPH	800' ±	
RURAL ROADS	45/55 MPH	500' ±	
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350' ±	
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200' ± (2)	
URBAN STREETS	25 MPH OR LESS	100' ± (2)	

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



LANE CLOSURE WITH FLAGGER CONTROL STANDARD PLAN



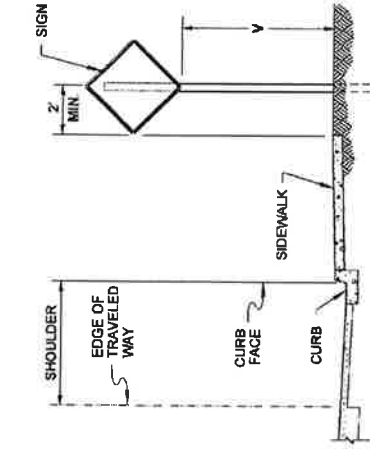
**SKAGIT COUNTY
PUBLIC WORKS**
1800 CONTINENTAL PLACE
MOUNT VERNON, WA 98279-5625
(360) 336-9400 FAX (360) 336 9478

DATE: 09/19/2011

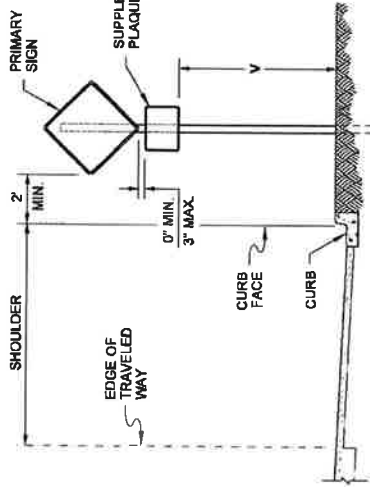
DRAWN BY: GES

NOTES

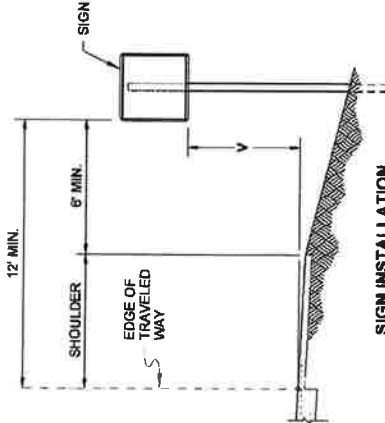
- For sign installation details, see **Standard Plan G - series**.
- Where it is impractical to locate a sign with the lateral offset, a minimum of 2'(ft) offset may be used. A 1'(ft) lateral offset may be used in business, commercial or residential areas.
- The "V" height for signs, with an area of more than 50 square feet and two or more sign supports, is 7 feet in both rural and urban areas.



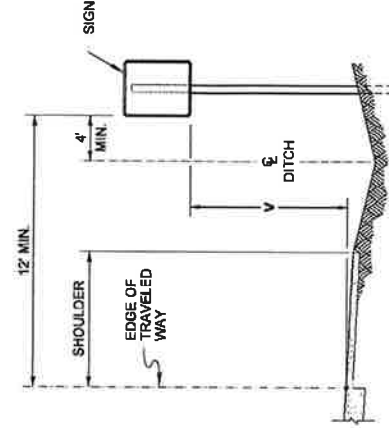
SIGN INSTALLATION
(SIDEWALK AND CURB SECTION)



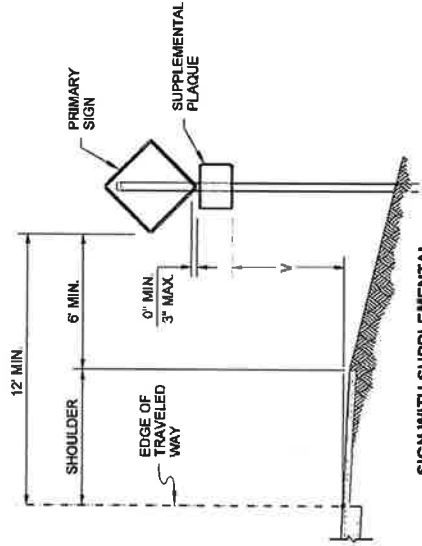
SIGN INSTALLATION
(CURB SECTION)



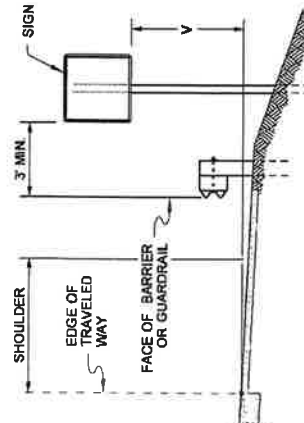
SIGN INSTALLATION
(FILL SECTION)



SIGN INSTALLATION
(DITCH SECTION)



SIGN WITH SUPPLEMENTAL
PLAQUE INSTALLATION
(FILL SECTION)



SIGN INSTALLATION
(BEHIND TRAFFIC BARRIER)

HEIGHT V	
TO BOTTOM OF SIGN (NO SUPPLEMENTAL PLAQUE)	TO BOTTOM OF SUPPLEMENTAL PLAQUE (WHEN REQUIRED)
RURAL	5' MINIMUM
URBAN	7' MINIMUM



Nisbet, John
May 16 2016 9:57 AM

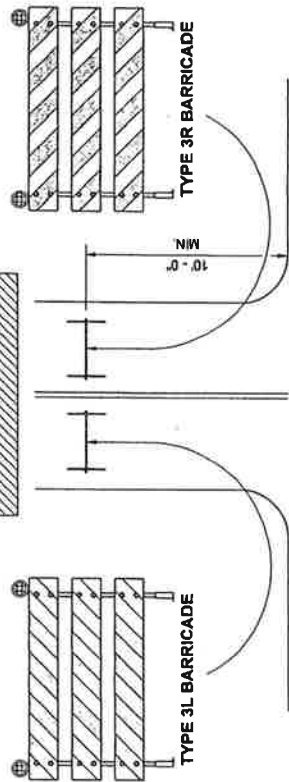
CLASS A **CONSTRUCTION SIGNING** **INSTALLATION** **STANDARD PLAN K-80.10-01** SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

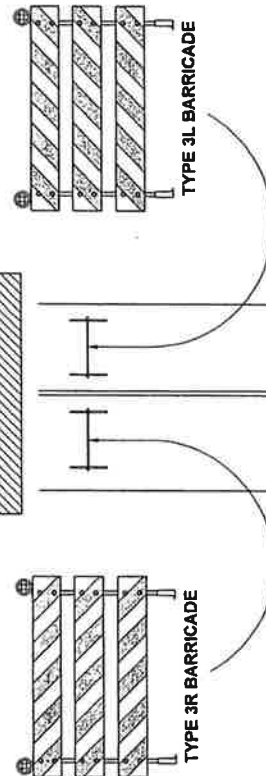
Carpenter, Jeff

STATE DESIGN ENGINEER

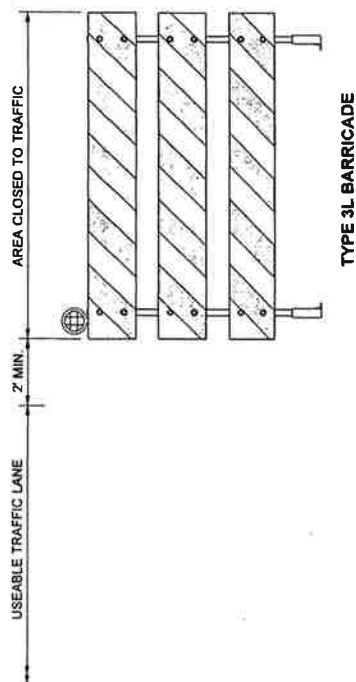
Washington State Department of Transportation



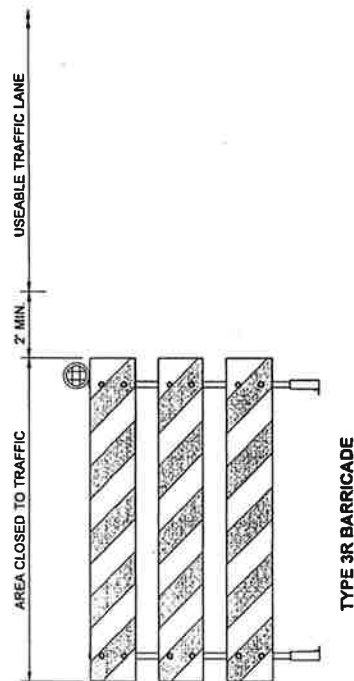
ROAD CLOSURE AT INTERSECTION



ROAD CLOSURE AT OTHER LOCATIONS



STRIPES ON THE BARRICADES SHALL SLOPE
DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS



BARRICADE PLACEMENT



EXPIRES AUGUST 9, 2007

TYPE 3 BARRICADE

STANDARD PLAN K-80.20-0

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

DATE OF PUBLICATION

10/04/06

Washington State Department of Transportation

APPENDIX B

Washington State Prevailing Wage Rates Federal Davis Bacon Wage Rates

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

Washington State Prevailing Wage

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

Journey Level Prevailing Wage Rates for the Effective Date: 10/23/2018

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Skagit	Asbestos Abatement Workers	Journey Level	\$46.57	<u>5D</u>	<u>1H</u>	
Skagit	Boilermakers	Journey Level	\$66.54	<u>5N</u>	<u>1C</u>	
Skagit	Brick Mason	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Brick Mason	Pointer-Caulker-Cleaner	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Building Service Employees	Janitor	\$11.50		<u>1</u>	
Skagit	Building Service Employees	Shampooer	\$11.50		<u>1</u>	
Skagit	Building Service Employees	Waxer	\$11.50		<u>1</u>	
Skagit	Building Service Employees	Window Cleaner	\$11.50		<u>1</u>	
Skagit	Cabinet Makers (In Shop)	Journey Level	\$18.85		<u>1</u>	
Skagit	Carpenters	Acoustical Worker	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Bridge, Dock And Wharf Carpenters	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Carpenter	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Carpenters on Stationary Tools	\$60.17	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Creosoted Material	\$60.14	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Floor Finisher	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Floor Layer	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Carpenters	Scaffold Erector	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Cement Masons	Journey Level	\$60.07	<u>7A</u>	<u>4U</u>	
Skagit	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$113.60	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Dive Supervisor/Master	\$76.33	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Diver	\$113.60	<u>5D</u>	<u>4C</u>	<u>8V</u>
Skagit	Divers & Tenders	Diver On Standby	\$71.33	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Diver Tender	\$64.71	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Manifold Operator	\$64.71	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Manifold Operator Mixed Gas	\$69.71	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$64.71	<u>5D</u>	<u>4C</u>	
Skagit	Divers & Tenders	Remote Operated Vehicle Tender	\$60.29	<u>5A</u>	<u>4C</u>	
Skagit	Dredge Workers	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>	
Skagit	Dredge Workers	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>	

Skagit	Dredge Workers	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>	
Skagit	Dredge Workers	Engineer Welder	\$57.51	<u>5D</u>	<u>3F</u>	
Skagit	Dredge Workers	Leverman, Hydraulic	\$58.67	<u>5D</u>	<u>3F</u>	
Skagit	Dredge Workers	Mates	\$56.44	<u>5D</u>	<u>3F</u>	
Skagit	Dredge Workers	Oiler	\$56.00	<u>5D</u>	<u>3F</u>	
Skagit	Drywall Applicator	Journey Level	\$58.48	<u>5D</u>	<u>1H</u>	
Skagit	Drywall Tapers	Journey Level	\$59.32	<u>5P</u>	<u>1E</u>	
Skagit	Electrical Fixture Maintenance Workers	Journey Level	\$21.48		<u>1</u>	
Skagit	Electricians - Inside	Cable Splicer	\$71.52	<u>7H</u>	<u>1E</u>	
Skagit	Electricians - Inside	Construction Stock Person	\$34.97	<u>7H</u>	<u>1D</u>	
Skagit	Electricians - Inside	Journey Level	\$66.89	<u>7H</u>	<u>1E</u>	
Skagit	Electricians - Motor Shop	Craftsman	\$15.37		<u>1</u>	
Skagit	Electricians - Motor Shop	Journey Level	\$14.69		<u>1</u>	
Skagit	Electricians - Powerline Construction	Cable Splicer	\$79.43	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Certified Line Welder	\$69.75	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Groundperson	\$46.28	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$69.75	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Journey Level Lineperson	\$69.75	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Line Equipment Operator	\$59.01	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Meter Installer	\$46.28	<u>5A</u>	<u>4D</u>	<u>8W</u>
Skagit	Electricians - Powerline Construction	Pole Sprayer	\$69.75	<u>5A</u>	<u>4D</u>	
Skagit	Electricians - Powerline Construction	Powderperson	\$52.20	<u>5A</u>	<u>4D</u>	
Skagit	Electronic Technicians	Electronic Technicians Journey Level	\$43.70	<u>5B</u>	<u>1B</u>	
Skagit	Elevator Constructors	Mechanic	\$91.24	<u>7D</u>	<u>4A</u>	
Skagit	Elevator Constructors	Mechanic In Charge	\$98.51	<u>7D</u>	<u>4A</u>	
Skagit	Fabricated Precast Concrete Products	Journey Level	\$13.50		<u>1</u>	
Skagit	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		<u>1</u>	
Skagit	Fence Erectors	Fence Erector	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Fence Erectors	Fence Laborer	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Flaggers	Journey Level	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Glaziers	Journey Level	\$63.06	<u>7L</u>	<u>1Y</u>	
Skagit	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$73.58	<u>5J</u>	<u>4H</u>	
Skagit	Heating Equipment Mechanics	Mechanic	\$69.10	<u>7F</u>	<u>1E</u>	
Skagit	Hod Carriers & Mason Tenders	Journey Level	\$50.42	<u>7A</u>	<u>3I</u>	

Skagit	Industrial Power Vacuum Cleaner	Journey Level	\$11.50		<u>1</u>	
Skagit	Inland Boatmen	Boat Operator	\$61.41	<u>5B</u>	<u>1K</u>	
Skagit	Inland Boatmen	Cook	\$56.48	<u>5B</u>	<u>1K</u>	
Skagit	Inland Boatmen	Deckhand	\$57.48	<u>5B</u>	<u>1K</u>	
Skagit	Inland Boatmen	Deckhand Engineer	\$58.81	<u>5B</u>	<u>1K</u>	
Skagit	Inland Boatmen	Launch Operator	\$58.89	<u>5B</u>	<u>1K</u>	
Skagit	Inland Boatmen	Mate	\$57.31	<u>5B</u>	<u>1K</u>	
Skagit	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$11.50		<u>1</u>	
Skagit	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$11.50		<u>1</u>	
Skagit	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$12.78		<u>1</u>	
Skagit	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$11.50		<u>1</u>	
Skagit	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$11.50		<u>1</u>	
Skagit	Insulation Applicators	Journey Level	\$60.04	<u>5D</u>	<u>4C</u>	
Skagit	Ironworkers	Journeyman	\$69.28	<u>7N</u>	<u>10</u>	
Skagit	Laborers	Air, Gas Or Electric Vibrating Screed	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Airtrac Drill Operator	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Ballast Regular Machine	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Batch Weighman	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Brick Pavers	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Brush Cutter	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Brush Hog Feeder	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Burner	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Caisson Worker	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Carpenter Tender	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Caulker	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Cement Dumper-paving	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Cement Finisher Tender	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Change House Or Dry Shack	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Chipping Gun (under 30 Lbs.)	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Chipping Gun(30 Lbs. And Over)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Choker Setter	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Chuck Tender	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Clary Power Spreader	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Clean-up Laborer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Concrete Dumper/chute Operator	\$49.81	<u>7A</u>	<u>3I</u>	

Skagit	Laborers	Concrete Form Stripper	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Concrete Placement Crew	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Concrete Saw Operator/core Driller	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Crusher Feeder	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Curing Laborer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Demolition: Wrecking & Moving (incl. Charred Material)	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Ditch Digger	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Diver	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Drill Operator (hydraulic,diamond)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Dry Stack Walls	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Dump Person	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Epoxy Technician	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Erosion Control Worker	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Faller & Bucker Chain Saw	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Fine Graders	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Firewatch	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Form Setter	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Gabian Basket Builders	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	General Laborer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Grade Checker & Transit Person	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Grinders	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Grout Machine Tender	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Groutmen (pressure)including Post Tension Beams	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Guardrail Erector	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Hazardous Waste Worker (level A)	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Hazardous Waste Worker (level B)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Hazardous Waste Worker (level C)	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	High Scaler	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Jackhammer	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Laserbeam Operator	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Maintenance Person	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Manhole Builder-mudman	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Material Yard Person	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Motorman-dinky Locomotive	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Nozzleman (concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Bla	\$49.81	<u>7A</u>	<u>3I</u>	

Skagit	Laborers	Pavement Breaker	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pilot Car	\$41.45	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pipe Layer Lead	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pipe Layer/tailor	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pipe Pot Tender	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pipe Reliner	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pipe Wrapper	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Pot Tender	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Powderman	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Powderman's Helper	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Power Jacks	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Railroad Spike Puller - Power	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Raker - Asphalt	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Re-timberman	\$50.42	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Remote Equipment Operator	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Rigger/signal Person	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Rip Rap Person	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Rivet Buster	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Rodder	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Scaffold Erector	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Scale Person	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Sloper (over 20")	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Sloper Sprayer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Spreader (concrete)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Stake Hopper	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Stock Piler	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Tamper (multiple & Self-propelled)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Timber Person - Sewer (lagger, Shorer & Cribber)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Toolroom Person (at Jobsite)	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Topper	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Track Laborer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Track Liner (power)	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Traffic Control Laborer	\$44.33	<u>7A</u>	<u>3I</u>	<u>8R</u>
Skagit	Laborers	Traffic Control Supervisor	\$44.33	<u>7A</u>	<u>3I</u>	<u>8R</u>
Skagit	Laborers	Truck Spotter	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Tugger Operator	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$107.60	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$112.63	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$116.31	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers		\$122.01	<u>7A</u>	<u>3I</u>	<u>8Q</u>

		Tunnel Work-Compressed Air Worker 54.01-60.00 psi				
Skagit	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$124.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$129.23	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$131.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$133.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$135.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Guage and Lock Tender	\$50.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Tunnel Work-Miner	\$50.52	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Skagit	Laborers	Vibrator	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Vinyl Seamer	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Watchman	\$37.67	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Welder	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Well Point Laborer	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Laborers	Window Washer/cleaner	\$37.67	<u>7A</u>	<u>3I</u>	
Skagit	Laborers - Underground Sewer & Water	General Laborer & Topman	\$48.90	<u>7A</u>	<u>3I</u>	
Skagit	Laborers - Underground Sewer & Water	Pipe Layer	\$49.81	<u>7A</u>	<u>3I</u>	
Skagit	Landscape Construction	Landscape Laborer	\$37.67	<u>7A</u>	<u>3I</u>	
Skagit	Landscape Construction	Landscape Operator	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Lathers	Journey Level	\$58.48	<u>5D</u>	<u>1H</u>	
Skagit	Marble Setters	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Metal Fabrication (In Shop)	Fitter	\$15.16		<u>1</u>	
Skagit	Metal Fabrication (In Shop)	Laborer	\$11.50		<u>1</u>	
Skagit	Metal Fabrication (In Shop)	Machine Operator	\$11.50		<u>1</u>	
Skagit	Metal Fabrication (In Shop)	Painter	\$11.50		<u>1</u>	
Skagit	Metal Fabrication (In Shop)	Welder	\$15.16		<u>1</u>	
Skagit	Millwright	Journey Level	\$61.54	<u>5D</u>	<u>4C</u>	
Skagit	Modular Buildings	Journey Level	\$11.50		<u>1</u>	
Skagit	Painters	Journey Level	\$42.50	<u>6Z</u>	<u>2B</u>	
Skagit	Pile Driver	Crew Tender	\$54.99	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$74.87	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$79.87	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$83.87	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver		\$88.87	<u>5D</u>	<u>4C</u>	

		Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI				
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$91.37	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$96.37	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$98.37	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$100.37	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$102.37	<u>5D</u>	<u>4C</u>	
Skagit	Pile Driver	Journey Level	\$60.29	<u>5D</u>	<u>4C</u>	
Skagit	Plasterers	Journey Level	\$56.54	<u>7Q</u>	<u>1R</u>	
Skagit	Playground & Park Equipment Installers	Journey Level	\$11.50		<u>1</u>	
Skagit	Plumbers & Pipefitters	Journey Level	\$71.42	<u>5A</u>	<u>1G</u>	
Skagit	Power Equipment Operators	Asphalt Plant Operators	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Assistant Engineer	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Barrier Machine (zipper)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Batch Plant Operator, Concrete	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Bobcat	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Brooms	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Bump Cutter	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cableways	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Chipper	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Compressor	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Concrete Finish Machine -laser Screed	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Conveyors	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes Friction: 200 tons and over	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators		\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>

		Cranes: 20 Tons Through 44 Tons With Attachments				
Skagit	Power Equipment Operators	Cranes: 100 Tons Through 199 Tons, Or 150' Of Boom (Including Jib With Attachments)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Crusher	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Derricks, On Building Work	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Dozers D-9 & Under	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Drilling Machine	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Gradechecker/stakeman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Guardrail Punch	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Horizontal/directional Drill Locator	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Skagit	Power Equipment Operators	Horizontal/directional Drill Operator	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Hydralifts/boom Trucks Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Hydralifts/boom Trucks, 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Loaders, Plant Feed	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Loaders: Elevating Type Belt	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Locomotives, All	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Material Transfer Device	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Mechanics, All (leadmen - \$0.50 Per Hour Over Mechanic)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Motor Patrol Graders	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Pavement Breaker	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Posthole Digger, Mechanical	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Power Plant	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Pumps - Water	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Quad 9, Hd 41, D10 And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Rigger And Bellman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Rigger/Signal Person, Bellman (Certified)	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Skagit	Power Equipment Operators	Rollagon	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Roller, Other Than Plant Mix	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Roto-mill, Roto-grinder	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Saws - Concrete	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Scrapers - Concrete & Carry All	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Service Engineers - Equipment	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shotcrete/gunite Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Slipform Pavers	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Spreader, Topsider & Screedman	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Subgrader Trimmer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Tower Bucket Elevators	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Tower Crane Up To 175' In Height Base To Boom	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Transporters, All Track Or Truck Type	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Trenching Machines	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Truck Crane Oiler/driver Under 100 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Truck Mount Portable Conveyor	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Welder	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Wheel Tractors, Farmall Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators	Yo Yo Pay Dozer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operators	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Skagit	Power Equipment Operators-Underground Sewer & Water	Assistant Engineer	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Barrier Machine (zipper)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Batch Plant Operator, Concrete	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Bobcat	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Brooms	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Bump Cutter	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cableways	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Chipper	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Compressor	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Concrete Finish Machine -laser Screed	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Conveyors	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes Friction: 200 tons and over	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: 100 Tons Through 199 Tons, Or 150' Of Boom (Including Jib With Attachments)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit			\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Power Equipment Operators-Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under				
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Crusher	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Derricks, On Building Work	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Dozers D-9 & Under	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Drilling Machine	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Gradechecker/stakeman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Guardrail Punch	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Locator	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Operator	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom Trucks Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Skagit	Power Equipment Operators-Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Loaders, Plant Feed	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Loaders: Elevating Type Belt	\$59.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Locomotives, All	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Material Transfer Device	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Mechanics, All (leadmen - \$0.50 Per Hour Over Mechanic)	\$61.10	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Motor Patrol Graders	\$60.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$60.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$59.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 100 Tons And Over	\$61.10	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$60.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Pavement Breaker	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$59.96	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$59.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Posthole Digger, Mechanical	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Power Plant	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Pumps - Water	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Quad 9, Hd 41, D10 And Over	\$60.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$60.49	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Rigger And Bellman	\$56.90	7A	3C	8P
Skagit	Power Equipment Operators-Underground Sewer & Water	Rigger/Signal Person, Bellman (Certified)	\$59.49	7A	3C	8P

Skagit	Power Equipment Operators-Underground Sewer & Water	Rollagon	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Roller, Other Than Plant Mix	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Roto-mill, Roto-grinder	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Saws - Concrete	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Scrapers - Concrete & Carry All	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Service Engineers - Equipment	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shotcrete/gunite Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Slipform Pavers	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Spreader, Topsider & Screedman	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Subgrader Trimmer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Tower Bucket Elevators	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Tower Crane Up To 175' In Height Base To Boom	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Transporters, All Track Or Truck Type	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Trenching Machines	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Skagit	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Welder	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$49.96	<u>5A</u>	<u>4A</u>	
Skagit	Power Line Clearance Tree Trimmers	Spray Person	\$47.37	<u>5A</u>	<u>4A</u>	
Skagit	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$49.96	<u>5A</u>	<u>4A</u>	
Skagit	Power Line Clearance Tree Trimmers	Tree Trimmer	\$44.57	<u>5A</u>	<u>4A</u>	
Skagit	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$33.60	<u>5A</u>	<u>4A</u>	
Skagit	Refrigeration & Air Conditioning Mechanics	Journey Level	\$70.71	<u>5A</u>	<u>1G</u>	
Skagit	Residential Brick Mason	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Residential Carpenters	Journey Level	\$45.05	<u>5D</u>	<u>4C</u>	
Skagit	Residential Cement Masons	Journey Level	\$60.07	<u>7A</u>	<u>4U</u>	
Skagit	Residential Drywall Applicators	Journey Level	\$45.05	<u>5D</u>	<u>4C</u>	
Skagit	Residential Drywall Tapers	Journey Level	\$45.19	<u>5P</u>	<u>1E</u>	
Skagit	Residential Electricians	Journey Level	\$30.15	<u>5I</u>	<u>1E</u>	
Skagit	Residential Glaziers	Journey Level	\$42.05	<u>7L</u>	<u>1H</u>	
Skagit	Residential Insulation Applicators	Journey Level	\$45.05	<u>5D</u>	<u>4C</u>	
Skagit	Residential Laborers	Journey Level	\$36.68	<u>7A</u>	<u>1H</u>	
Skagit	Residential Marble Setters	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Residential Painters	Journey Level	\$42.50	<u>6Z</u>	<u>2B</u>	
Skagit	Residential Plumbers & Pipefitters	Journey Level	\$44.34	<u>5A</u>	<u>1G</u>	
Skagit	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$41.01	<u>5A</u>	<u>1G</u>	
Skagit	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$39.47	<u>7J</u>	<u>1I</u>	
Skagit	Residential Soft Floor Layers	Journey Level	\$49.43	<u>5A</u>	<u>3J</u>	
Skagit	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$46.58	<u>5C</u>	<u>2R</u>	
Skagit	Residential Stone Masons	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Residential Terrazzo Workers	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>	
Skagit	Residential Terrazzo/Tile Finishers	Journey Level	\$43.44	<u>5A</u>	<u>1B</u>	

Skagit	Residential Tile Setters	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>	
Skagit	Roofers	Journey Level	\$31.84		<u>1</u>	
Skagit	Sheet Metal Workers	Journey Level (Field or Shop)	\$69.10	<u>7F</u>	<u>1E</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Boilermaker	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Carpenter	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Crane Operator	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Electrician	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	\$73.58	<u>5J</u>	<u>4H</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Laborer	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Machinist	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Operating Engineer	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Painter	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Pipefitter	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Rigger	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Sheet Metal	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Shipfitter	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Warehouse/Teamster	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	New Construction Welder / Burner	\$36.36	<u>7V</u>	<u>1</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Boilermaker	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Carpenter	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Crane Operator	\$44.06	<u>7Y</u>	<u>4K</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Electrician	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	\$73.58	<u>5J</u>	<u>4H</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Laborer	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Machinist	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Operating Engineer	\$44.06	<u>7Y</u>	<u>4K</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Painter	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Pipefitter	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Rigger	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Sheet Metal	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Shipwright	\$44.95	<u>7X</u>	<u>4J</u>	
Skagit	Shipbuilding & Ship Repair	Ship Repair Warehouse / Teamster	\$44.06	<u>7Y</u>	<u>4K</u>	
Skagit	Sign Makers & Installers (Electrical)	Journey Level	\$16.03		<u>1</u>	
Skagit	Sign Makers & Installers (Non-Electrical)	Journey Level	\$13.28		<u>1</u>	
Skagit	Soft Floor Layers	Journey Level	\$49.43	<u>5A</u>	<u>3J</u>	
Skagit	Solar Controls For Windows	Journey Level	\$11.50		<u>1</u>	
Skagit	Sprinkler Fitters (Fire Protection)	Journey Level	\$77.39	<u>5C</u>	<u>1X</u>	

Skagit	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.23		<u>1</u>	
Skagit	Stone Masons	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	
Skagit	Street And Parking Lot Sweeper Workers	Journey Level	\$15.00		<u>1</u>	
Skagit	Surveyors	Assistant Construction Site Surveyor	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Surveyors	Chainman	\$58.93	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Surveyors	Construction Site Surveyor	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Skagit	Telecommunication Technicians	Telecom Technician Journey Level	\$43.70	<u>5B</u>	<u>1B</u>	
Skagit	Telephone Line Construction - Outside	Cable Splicer	\$41.22	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$23.12	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Installer (Repairer)	\$39.53	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Special Aparatus Installer I	\$41.22	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Special Apparatus Installer II	\$40.41	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$41.22	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$38.36	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Telephone Lineperson	\$38.36	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Television Groundperson	\$21.92	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Television Lineperson/Installer	\$29.13	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Television System Technician	\$34.68	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Television Technician	\$31.18	<u>5A</u>	<u>2B</u>	
Skagit	Telephone Line Construction - Outside	Tree Trimmer	\$38.36	<u>5A</u>	<u>2B</u>	
Skagit	Terrazzo Workers	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>	
Skagit	Tile Setters	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>	
Skagit	Tile, Marble & Terrazzo Finishers	Finisher	\$43.44	<u>5A</u>	<u>1B</u>	
Skagit	Traffic Control Stripers	Journey Level	\$45.53	<u>7A</u>	<u>1K</u>	
Skagit	Truck Drivers	Asphalt Mix Over 16 Yards	\$54.30	<u>5D</u>	<u>3A</u>	<u>8L</u>
Skagit	Truck Drivers	Asphalt Mix To 16 Yards	\$53.46	<u>5D</u>	<u>3A</u>	<u>8L</u>
Skagit	Truck Drivers	Dump Truck	\$53.46	<u>5D</u>	<u>3A</u>	<u>8L</u>
Skagit	Truck Drivers	Dump Truck & Trailer	\$54.30	<u>5D</u>	<u>3A</u>	<u>8L</u>
Skagit	Truck Drivers	Other Trucks	\$54.30	<u>5D</u>	<u>3A</u>	<u>8L</u>
Skagit	Truck Drivers - Ready Mix	Journey Level	\$40.76	<u>0</u>	<u>1</u>	
Skagit	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$11.60		<u>1</u>	

Skagit	Well Drillers & Irrigation Pump Installers	Oiler	\$11.50		<u>1</u>	
Skagit	Well Drillers & Irrigation Pump Installers	Well Driller	\$11.60		<u>1</u>	

Benefit Code Key – Effective 8/31/2018 thru 3/2/2019

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.
 - I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) 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 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.
 - 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.
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.

Benefit Code Key – Effective 8/31/2018 thru 3/2/2019

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.
- R. Placeholder

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).

Holiday Codes Continued

5. 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).

Benefit Code Key – Effective 8/31/2018 thru 3/2/2019

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

Holiday Codes Continued

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

Holiday Codes Continued

- 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

Benefit Code Key – Effective 8/31/2018 thru 3/2/2019

observed as a holiday on the preceding Friday.

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Holiday Codes Continued

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

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.

Note Codes Continued

8. 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.
- R. 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.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- 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.

General Decision Number: WA180001 10/19/2018 WA1

Superseded General Decision Number: WA20170001

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 \$10.35 for calendar year 2018 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 \$10.35 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 2018. 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	01/05/2018
1	01/12/2018
2	02/23/2018
3	03/16/2018
4	06/29/2018
5	08/10/2018
6	09/14/2018
7	09/21/2018
8	10/12/2018
9	10/19/2018

* CARP0001-008 06/01/2018

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

	Rates	Fringes
CARPENTER		
GROUP 1.....	\$ 33.40	16.40
GROUP 2.....	\$ 45.42	18.83
GROUP 3.....	\$ 34.52	16.40
GROUP 4.....	\$ 34.52	16.40
GROUP 5.....	\$ 77.52	16.40
GROUP 6.....	\$ 37.76	16.40
GROUP 7.....	\$ 38.76	16.40
GROUP 8.....	\$ 35.52	16.40
GROUP 9.....	\$ 41.76	16.40

WA180001 Modification 9

Federal Wage Determinations for Highway Construction

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 carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-60 MILES	FREE
ZONE 2	61-100 MILES	\$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 (302 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:

WA180001 Modification 9

Federal Wage Determinations for Highway Construction

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.

CARP0003-006 10/01/2011

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLUCKITAT,
LEWIS(Piledriver only), PACIFIC (South of a straight line made
by extending the north boundary line of Wahkiakum County west
to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHAKIAKUM
COUNTIES and INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

ZONE 1:

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 32.04	14.18
DIVERS TENDERS.....	\$ 36.34	14.18
DIVERS.....	\$ 77.08	14.18
DRYWALL.....	\$ 27.56	14.18
MILLWRIGHTS.....	\$ 32.19	14.18
PILEDRIERS.....	\$ 33.04	14.18

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

CARP0770-003 06/01/2015

WA180001 Modification 9
Federal Wage Determinations for Highway Construction

	Rates	Fringes
CARPENTER		
CENTRAL WASHINGTON:		
CHELAN, DOUGLAS (WEST OF		
THE 120TH MERIDIAN),		
KITTITAS, OKANOGAN (WEST		
OF THE 120TH MERIDIAN) AND		
YAKIMA COUNTIES		
CARPENTERS ON CREOSOTE		
MATERIAL.....\$ 40.46		13.66
CARPENTERS.....\$ 40.36		13.66
DIVERS TENDER.....\$ 35.02		14.00
DIVERS.....\$ 73.44		14.00
MILLWRIGHT AND MACHINE		
ERECTORS.....\$ 41.86		13.66
PILEDRIIVER, DRIVING,		
PULLING, CUTTING, PLACING		
COLLARS, SETTING, WELDING		
OR CRESOTE TREATED		
MATERIAL, ALL PILING.....\$ 40.61		13.66

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

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

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

Zone Pay:

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

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

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

Zone Pay:

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

 CARP0770-006 06/01/2016

	Rates	Fringes
CARPENTER		
WESTERN WASHINGTON: CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS (excludes piledrivers only), 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		
BRIDGE CARPENTERS.....	\$ 40.92	14.59
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 40.46	13.66
CARPENTERS.....	\$ 40.92	14.59
DIVERS TENDER.....	\$ 44.67	13.66
DIVERS.....	\$ 93.56	13.66
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 41.86	13.66
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 40.61	13.66

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

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

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

Zone Pay:

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

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

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

Zone Pay:

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

 * ELEC0046-001 08/06/2018

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 55.627	3%+20.21
ELECTRICIAN.....	\$ 50.57	3%+20.21

* ELEC0048-003 01/01/2018

CLARK, KLINKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 42.60	22.75

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 01/01/2018

COWLITZ AND WAHIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 42.60	22.75

ELEC0073-001 01/01/2018

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

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 33.25	18.40

WA180001 Modification 9
 Federal Wage Determinations for Highway Construction

 ELEC0076-002 01/01/2018

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

	Rates	Fringes
CABLE SPLICER.....	\$ 40.05	24.49
ELECTRICIAN.....	\$ 40.78	23.01

ELEC0112-005 06/01/2018

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

	Rates	Fringes
CABLE SPLICER.....	\$ 45.68	20.60
ELECTRICIAN.....	\$ 43.50	20.54

ELEC0191-003 06/01/2018

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 44.95	21.42

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 06/01/2017

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.....	\$ 41.90	19.20
Group 1AA.....	\$ 42.52	19.20
Group 1AAA.....	\$ 43.13	19.20
Group 1.....	\$ 41.29	19.20
Group 2.....	\$ 40.76	19.20
Group 3.....	\$ 40.29	19.20
Group 4.....	\$ 37.70	19.20

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-3 yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barber Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

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

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

HANDLING OF HAZARDOUS WASTE MATERIALS:

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

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

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

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

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

ENGI0370-002 06/01/2018

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.....	\$ 27.51	15.95
GROUP 2.....	\$ 27.83	15.95
GROUP 3.....	\$ 28.44	15.95
GROUP 4.....	\$ 28.60	15.95
GROUP 5.....	\$ 28.76	15.95
GROUP 6.....	\$ 29.04	15.95
GROUP 7.....	\$ 29.31	15.95
GROUP 8.....	\$ 30.41	15.95

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; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

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

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

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

NOTE:

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

HAZMAT:

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

 ENGI0612-012 06/01/2018

LEWIS, PIERCE, 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.....	\$ 44.43	19.15
GROUP 1AA.....	\$ 45.09	19.15
GROUP 1AAA.....	\$ 45.73	19.15
GROUP 1.....	\$ 43.79	19.15
GROUP 2.....	\$ 43.24	19.15
GROUP 3.....	\$ 42.74	19.15
GROUP 4.....	\$ 40.02	19.15

Zone Differential (Add to Zone 1 rates):

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

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

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

 ENGI0701-002 01/01/2018

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

POWER EQUIPMENT OPERATORS: ZONE 1

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

Zone Differential (add to Zone 1 rates):

Zone 2 - \$3.00

Zone 3 - \$6.00

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

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

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

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

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

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1 Concrete Batch Plant and or Wet mix three (3) units or more;

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

Group 1A Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

Group 1B Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

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

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

Group 4 Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading; Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine;

Ultra High Pressure Water Jet Cutting Tool System Operator;
Vacuum Blasting Machine Operator; Water pulls, Water wagons

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

Group 6 Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steer (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feeder; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

IRON0014-005 07/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 33.18	27.82

* IRON0029-002 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 37.00	27.87

IRON0086-002 07/01/2018

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.18	27.82

IRON0086-004 07/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 40.81	28.22

LABO0238-004 06/01/2018

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.....	\$ 24.84	12.35
GROUP 2.....	\$ 26.94	12.35
GROUP 3.....	\$ 27.21	12.35
GROUP 4.....	\$ 27.48	12.35
GROUP 5.....	\$ 27.76	12.35
LABORER (SPOKANE)		
GROUP 1.....	\$ 24.74	12.45
GROUP 2.....	\$ 26.84	12.45
GROUP 3.....	\$ 27.11	12.45
GROUP 4.....	\$ 27.38	12.45
GROUP 5.....	\$ 27.66	12.45

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 Buckler and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

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

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

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

LABO0238-006 06/01/2018

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.....	\$ 27.75	12.25

LABO0242-003 06/01/2018

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 26.05	11.49
GROUP 2.....	\$ 29.83	11.49
GROUP 3.....	\$ 37.27	11.49
GROUP 4.....	\$ 38.19	11.49
GROUP 5.....	\$ 38.80	11.49

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).

LABO0252-010 06/01/2018

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 26.05	11.49
GROUP 2.....	\$ 29.83	11.49
GROUP 3.....	\$ 37.27	11.49
GROUP 4.....	\$ 38.19	11.49
GROUP 5.....	\$ 38.80	11.49

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).

LABO0292-008 06/01/2018

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 26.05	11.49
GROUP 2.....	\$ 29.83	11.49
GROUP 3.....	\$ 37.27	11.49
GROUP 4.....	\$ 38.19	11.49
GROUP 5.....	\$ 38.80	11.49

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

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

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

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

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

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

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

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

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

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

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

LABO0335-001 06/01/2018

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

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 31.72	11.49
GROUP 2.....	\$ 32.38	11.49
GROUP 3.....	\$ 32.87	11.49
GROUP 4.....	\$ 33.29	11.49
GROUP 5.....	\$ 28.98	11.49
GROUP 6.....	\$ 26.31	11.49
GROUP 7.....	\$ 22.78	11.49

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)

WA180001 Modification 9

Federal Wage Determinations for Highway Construction

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunitite Nozzleman Tender; Gunitite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunitite Nozzleman; High Scalpers, 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 06/01/2018

	Rates	Fringes
Hod Carrier.....	\$ 31.72	11.49

LABO0348-003 06/01/2018

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

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 22.23	11.49
GROUP 2.....	\$ 25.48	11.49
GROUP 3.....	\$ 27.89	11.49
GROUP 4.....	\$ 28.56	11.49
GROUP 5.....	\$ 29.04	11.49

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

WA180001 Modification 9

Federal Wage Determinations for Highway Construction

material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

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

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

PAIN0005-002 07/01/2017

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHAKIUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 29.50	15.43

PAIN0005-004 03/01/2009

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

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

* PAIN0005-006 07/01/2018

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

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

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

PAIN0055-003 07/01/2018

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

	Rates	Fringes
PAINTER		
Brush & Roller.....\$ 23.51		11.94
High work - All work 60		
ft. or higher.....\$ 24.26		11.94
Spray and Sandblasting.....\$ 23.51		11.94

PAIN0055-006 07/01/2018

CLARK, COWLITZ, KLINKITAT, SKAMANIA and WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....\$ 35.02		12.06

PLAS0072-004 06/01/2018

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.....	\$ 29.07	14.13

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 06/01/2018

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.....	\$ 42.63	17.44
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 43.13	17.44
TROWLING MACHINE OPERATOR ON COMPOSITION.....	\$ 43.13	17.44

PLAS0555-002 06/01/2017

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..	\$ 32.87	17.62
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 32.87	17.62
CEMENT MASONS.....	\$ 31.50	17.62
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 32.19	17.62

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 06/01/2018

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.....	\$ 28.52	14.62
GROUP 2.....	\$ 28.64	14.62
GROUP 3.....	\$ 28.78	14.62
GROUP 4.....	\$ 29.05	14.62
GROUP 5.....	\$ 29.27	14.62
GROUP 6.....	\$ 29.45	14.62
GROUP 7.....	\$ 29.65	14.62

Zone Differential (Add to Zone 1 Rates):

Zone 2 - \$0.65

Zone 3 - 1.15

Zone 4 - 1.70

Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

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

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

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

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

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

TRUCK DRIVERS CLASSIFICATIONS

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

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

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

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

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

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

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

* TEAM0174-001 01/01/2017

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:.....	\$ 34.13	18.57
GROUP 2:.....	\$ 33.29	18.57
GROUP 3:.....	\$ 30.48	18.57
GROUP 4:.....	\$ 25.51	18.57
GROUP 5:.....	\$ 33.68	18.57
ZONE B (25-45 miles from center of listed cities*):	Add \$.70	
per hour to Zone A rates.		
ZONE C (over 45 miles from centr of listed cities*):	Add	
\$1.00 per hour to Zone A rates.		

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

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

TRUCK DRIVERS CLASSIFICATIONS

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

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

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

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

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

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

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

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

TEAM0690-004 06/01/2018

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.....	\$ 24.32	17.30
GROUP 2.....	\$ 26.86	17.30
GROUP 3.....	\$ 26.97	17.30
GROUP 4.....	\$ 27.30	17.30
GROUP 5.....	\$ 27.41	17.30
GROUP 6.....	\$ 29.57	17.30
GROUP 7.....	\$ 28.11	17.30
GROUP 8.....	\$ 28.43	17.30
AREA 2:		
GROUP 1.....	\$ 26.32	17.30
GROUP 2.....	\$ 28.86	17.30
GROUP 3.....	\$ 28.97	17.30
GROUP 4.....	\$ 29.30	17.30
GROUP 5.....	\$ 29.41	17.30
GROUP 6.....	\$ 29.57	17.30
GROUP 7.....	\$ 28.05	17.30
GROUP 8.....	\$ 30.43	17.30

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.

=====

END OF GENERAL DECISION

APPENDIX C

Construction Contract and Contract Bond-Informational Only

CONSTRUCTION CONTRACT AGREEMENT

THIS AGREEMENT, effective upon the date of mutual execution, is made and entered into between Skagit County, Washington, and _____, hereinafter called the Contractor.

WITNESSETH:

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

- I. The Contractor shall do all work and furnish all tools, materials, equipment, and transportation required for the construction of **Friday Creek Bridge Repairs Project #ES40115-1; Federal Aid #BHS-M291(008)** in accordance with and as described in the attached plans and specifications and the Washington State Department of Transportation *Standard Specifications for Road, Bridge, and Municipal Construction M 41-10 2018 edition*, which are by this reference incorporated herein and made a part hereof, and shall perform any changes to the work in accord with the Contract Documents.
- II. The Contractor shall provide and bear the expense of all equipment, work, and labor of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.
- III. Skagit County, Washington, hereby promises and agrees with the Contractor to retain and does retain the Contractor to provide the materials and to do and cause to be done the above-described work and to complete and finish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the attached specifications and the schedule of prices bid and hereto attached, at the time and in the manner and upon the conditions provided for in this contract.
- IV. The Contractor for himself/herself, and for his/her heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Contractor in the contract.
- V. It is further provided that no liability shall attach to Skagit County by reason of entering into this contract, except as provided herein.

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

CONTRACTOR

Signature _____

Mailing Address:

Printed _____

Title _____

Date _____

Telephone No. (____) ____-____

DATED this _____ day of _____, 2018.

**BOARD OF COUNTY COMMISSIONERS
SKAGIT COUNTY, WASHINGTON**

Kenneth A. Dahlstedt, Chair

Lisa Janicki, Commissioner

Attest:

Ron Wesen, Commissioner

Clerk of the Board

For contracts under \$5,000:
Authorization per Resolution R20030146

Recommended:

County Administrator

Department Head

Approved as to form:

Civil Deputy Prosecuting Attorney

Approved as to indemnification:

Risk Manager

Approved as to budget:

Budget & Finance Director

**LOCAL AGENCY CONTRACT BOND –
Highway Construction**

KNOW ALL MEN BY THESE PRESENTS, that _____
_____ of _____,
as Principal, and _____ as
Surety, are jointly and severally held and bound unto the County of Skagit in the penal
sum of _____ (\$_____), dollars, for the
payment of which we jointly and severely bind ourselves, our heirs, executors,
administrators, and assigns, and successors and assigns, firmly by these presents.

THE CONDITION of this bond is such that whereas, on the _____ day
of _____ A.D., 2018, the said Principal, herein, executed a certain
contract with the County of Skagit by the terms, conditions and provisions of which
contract the said _____, Principal, herein agree to
furnish all material and do certain work, to wit: That _____
will undertake and complete the construction of

Friday Creek Bridge Repair (Old Hwy 99) Project #ES40115-1
Federal Aid #BHS-M291(008)

according to the maps, plans and specifications made a part of said contract, which
contract as so executed, is hereunto attached, is now referred to and by reference is
incorporated herein and made a part hereof as fully for all purposes as if here set forth
at length. The bond shall cover all approved change orders as if they were in the
original contract. Similarly, the bond shall cover payment of all taxes incurred on said
contract under title 50 and 51 Revised Code of Washington (RCW) and all taxes
imposed on the Principle under Title 82 RCW.

NOW, THEREFORE, if the Principal herein shall faithfully and truly observe and
comply with the terms, conditions and provisions of said contract in all respects and
shall well and truly and fully do and perform all matters and things by them undertaken
to be performed under said contract, upon the terms proposed therein, and within the
time prescribed therein, and until the same is accepted, and shall pay all laborers,
mechanics, subcontractors and material men, and all persons who shall supply such
contractor or subcontractor with provisions and supplies for the carrying on of such

work, and shall pay all taxes pursuant to Title 50 and 51, and 82 RCW, and shall in all respects faithfully perform said contract according to law, then this obligation to be void, otherwise to remain in full force and effect.

WITNESS our hands this _____ day of _____, 2018.

(Principal)

Attorney-in-Fact, Surety

Name and Address
Local Office of Agent

APPROVED AS TO FORM
RICH WEYRICH
Skagit County Prosecuting Attorney

APPROVED AS TO FORM
JESSICA NEIL HOYSON
Skagit County Risk Manager

BY: _____
Approving Authority

DATE: _____, 2018

SURETY BOND NUMBER

CONTRACT NUMBER

Informational Only

APPENDIX D

Proposal Forms-Informational Only

Proposal for Bidding Purposes

For the Construction of:

**FRIDAY CREEK BRIDGE REPAIR
(Old Hwy 99) PROJECT #ES40115-1**

Federal Aid #RHS-M291(008)

SKAGIT COUNTY PUBLIC WORKS



**SKAGIT COUNTY
Public Works Department
1800 Continental Place
Mount Vernon, WA 98273**

PROPOSAL

**Friday Creek Bridge Repair (Old Hwy 99)
Project #ES40115-1
Federal Aid # BHS-M291(008)**

**Skagit County, Washington
2018**

All bid envelopes must be plainly marked on the outside **"Sealed Friday Creek Bridge Repair (Old Hwy 99) Project"**.

Sealed Bids will be received at the following location before the specified time:

Bids may be hand delivered to: The Reception Desk of Skagit County Commissioners Office, located at 1800 Continental Place, Mount Vernon, WA.

Bids may be mailed to: Skagit County Commissioners
1800 Continental Place, Suite 100
Mount Vernon, Washington, 98273

The bid opening date for this project will be **Thursday, November 15, 2018**. The bids will be publicly opened and read after **2:30 p.m.** on this date.

Bid Advertisement: Skagit Valley Herald – October 25, November 1, and November 8, 2018
Daily Journal of Commerce – October 25, November 1, and November 8, 2018

ENTIRE PROPOSAL TO BE RETURNED AS YOUR BID PACKAGE

**FAILURE TO SIGN OR COMPLETE ALL INFORMATION ON THE FORMS PROVIDED CAN
RESULT IN REJECTION OF THE PROPOSAL AS NON-RESPONSIVE**

PROPOSAL

BOARD OF SKAGIT COUNTY COMMISSIONERS MOUNT VERNON, WASHINGTON 98273

Attention:

This certifies that the undersigned has examined the location of:

FRIDAY CREEK BRIDGE REPAIR (Old Hwy 99) PROJECT #ES40115-1 Federal Aid #BHS-M291(008)

and that the plans, specifications and contract governing the work embraced in this improvement, and the method by which payment will be made for said work, is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications, and contract, and the following schedule of rates and process:

Note: Unit prices for all items, including sales tax, if any, and extensions, and total amount of bid, shall be shown. All entries must be typed or entered in ink.

The Contractor shall include State Sales Tax with the bid, per Section APWA GSP 1-07.2(1) of the contract Special Provisions; Rule 171 applies.

FRIDAY CREEK BRIDGE REPAIR (Old Hwy 99) PROJECT #ES40115-1

Item No.	Description	Spec	QTY	Unit of Measure	Unit Price	Total Price
1	SPCC Plan	1-07.15(1)	1.00	L.S.	\$_____.	\$_____.
2	Unanticipated Minor Structural Revisions	1-09.7	EST	DOL	\$_____1.00	\$_____10,000.00
3	Mobilization	1-09.6	1.00	L.S.	\$_____.	\$_____.
4	Project Temporary Traffic Control	1-10.5	1.00	L.S.	\$_____.	\$_____.

Item No.	Description	Spec	QTY	Unit of Measure	Unit Price	Total Price
5	Construction Signs Class A	1-10.5	812.00	S.F.	\$ _____ . ____	\$ _____ . ____
6	Portable Changeable Message Sign	1-10.5	672.00	HR	\$ _____ . ____	\$ _____ . ____
7	Roadway Excavation Incl. Haul	2-03.5	29.00	C.Y.	\$ _____ . ____	\$ _____ . ____
8	Trimming and Cleanup	2-11.5	1.00	L.S.	\$ _____ . ____	\$ _____ . ____
9	Crushed Surfacing Top Course	4-04.5	23.00	TON	\$ _____ . ____	\$ _____ . ____
10	HMA For Approach CL. 1/2 IN. PG 64-22	5-04.5	45.00	TON	\$ _____ . ____	\$ _____ . ____
11	Expansion Joint Modification	6-02.5	84.00	L.F.	\$ _____ . ____	\$ _____ . ____
12	Scarifying Conc. Surface	6-09.5	504.00	S.Y.	\$ _____ . ____	\$ _____ . ____
13	Modified Conc. Overlay	6-09.5	1130.00	C.F.	\$ _____ . ____	\$ _____ . ____
14	Finishing and Curing Modified Conc. Overlay	6-09.5	504.00	S.Y.	\$ _____ . ____	\$ _____ . ____
15	Further Deck Preparation for Type 1 Deck Repair	6-09.5	120.00	S.F.	\$ _____ . ____	\$ _____ . ____
16	Further Deck Preparation for Type 2 Deck Repair	6-09.5	30.00	S.F.	\$ _____ . ____	\$ _____ . ____
17	ESC Lead	8-01.5	10.00	DAY	\$ _____ . ____	\$ _____ . ____
18	Erosion/Water Pollution Control	8-01.5	EST	DOL	\$ _____ 1.00	\$ <u>10,000.00</u>

Item No.	Description	Spec	QTY	Unit of Measure	Unit Price	Total Price
19	Paint Line	8-22.5	1160.00	L.F.	\$_____.	\$_____.
TOTAL BID AMOUNT						\$_____.

NOTE: THE WORK ON THIS CONTRACT IS TO BE PERFORMED UPON LANDS WHOSE OWNERSHIP OBLIGATES THE CONTRACTOR TO PAY STATE SALES TAX ON PORTIONS OF THE PROJECT WORK AND OBLIGATES THE CONTRACTOR TO COLLECT STATE SALES TAX FROM THE CONTRACTING AGENCY ON OTHER PORTIONS OF THE PROJECT AS FOLLOWS:

THE PROVISIONS OF SECTION 1-07.2(1) AND DEPARTMENT OF REVENUE RULE 171 APPLY.

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.

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

A 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:

- ☐ CASHIER'S CHECK In the amount of \$_____ Dollars
- ☐ CERTIFIED CHECK In the amount of \$_____ Dollars
(Payable to Skagit County)
- ☐ PROPOSAL BOND In the amount five percent (5%) of the total bid.

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

Signature of Authorized Official(s):

Proposal Must Be Signed →

PRINT NAME

Firm Name: _____

Address: _____

E-mail: _____

Telephone No.: _____

State of Washington Contractor's License No. _____

UBI No. _____

Employment Security Department No. _____

Note:

- (1) This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Skagit County 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, "Preparation of Proposal", or "Article 4" of the Instruction to Bidders for building construction jobs.

BID PROPOSAL MUST BE SIGNED.

**FAILURE TO SIGN OR COMPLETE ALL INFORMATION CAN RESULT
IN REJECTION OF THE PROPOSAL AS NON-RESPONSIVE.**

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

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

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, That we, _____

_____ of _____ as principal, and the
_____ a corporation duly

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

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

FRIDAY CREEK BRIDGE REPAIR (OLD HWY 90) PROJECT, #ES40115-1
Federal Aid #BHS-M291(000)

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

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

IN TESTIMONY WHEREOF, The principal and surety have caused these presents to be
signed and sealed this _____ day of _____, 2018.

(Principal)

(Surety)

(Attorney-in-fact)

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.



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

Box 2:

Informational

Box 3

Box 4

DOT Form 272-056U
Revised 02/2018

Instructions for Underutilized Disadvantaged Business Enterprise Utilization Certification Form

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

Box 2: Name of the Project.

Column 1: Name of the Underutilized Disadvantaged Business Enterprise (UDBE). UDBE Firms can be found using the search tools under the Firm Certification section of the Diversity Management and Compliance System web page <https://wsdot.diversitycompliance.com>. Repeat the name of the UDBE for each Project Role that will be performed.

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

[illegible]

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

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



**Underutilized Disadvantaged Business
Enterprise (UDBE) Written
Confirmation Document**

See Contract Provisions: *UDBE Document Submittal Requirements*
Disadvantaged Business Enterprise Participation

THIS FORM SHALL ONLY BE SUBMITTED TO A UDBE THAT IS LISTED ON THE CONTRACTOR'S UNDERUTILIZED DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION.

THE CONTRACTOR SHALL COMPLETE PART A PRIOR TO SENDING TO THE UDBE.

PART A: To be completed by the bidder

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

Contract Title: _____

Bidder's Business Name: _____

UDBE's Business Name: _____

Description of UDBE's Work: _____

Dollar Amount to be Applied Towards UDBE Goal: _____

Dollar Amount to be Subcontracted to UDBE*: _____
*Optional Field

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

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

Name (printed): _____

Signature: _____

Title: _____

Address: _____ Date: _____

Proposal for Incorporating Recycled Materials into the Project

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

Proposed total percentage: _____ percent.

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

Bidder: _____

Signature of Authorized Official: _____

Date: _____



Contract Number		Contract Title					
Contractor		Engineer					
		Reclaimed Hot Mix Asphalt	Recycled Concrete Aggregate	Recycled Glass	Steel Furnace Slag	Other Recycled Aggregates	Contract Total Quantity
Fine Aggregate for Portland Cement Concrete	9-03.1(2)						
Coarse Aggregate for Portland Cement Concrete	9-03.1(4)						
Coarse Aggregate for Commercial Concrete	9-03.1(4)						
Aggregates for Hot Mix Asphalt	9-03.8	see below					
Ballast	9-03.9(1)						
Permeable Ballast	9-03.9(2)						
Crushed Surfacing	9-03.9(3)						
Aggregate for Gravel Base	9-03.10						
Gravel Backfill for Foundations	9-03.12(1)						
Gravel Backfill for Walls	9-03.12(2)						
Gravel Backfill for Pipe Zone Bedding	9-03.12(3)						
Gravel Backfill for Drains	9-03.12(4)						
Gravel Backfill for Drywells	9-03.12(5)						
Backfill for Sand Drains	9-03.13						
Sand Drainage Blanket	9-03.13(1)						
Gravel Borrow	9-03.14(1)						
Select Borrow	9-03.14(2)						
Common Borrow	9-03.14(3)						
Foundation Material Class A and Class B	9-03.17						
Foundation Material Class C	9-03.18						
Bank Run Gravel for Trench Backfill	9-03.19						
Other Aggregate Materials (total quantity not required)	9-03						
TOTAL (recycled materials and contract total quantity)							
		Reclaimed Hot Mix Asphalt	Reclaimed Asphalt Shingles		Steel Furnace Slag	Other Recycled Materials	Total Quantity
Hot Mix Asphalt	5-04.2						

I declare that the statements made in this document, including attachments, are complete, true and accurate.

Signed by an authorized representative of the Contractor

Contractor Representative Name	Signature	Title	Date
--------------------------------	-----------	-------	------

INSTRUCTIONS:

The Contractor shall report the quantity in **tons** for each type of recycled material that was used for each of the listed materials. If the Contract did not include the listed material or recycled materials were not used for this material a "0" shall be entered in the box. The Standard Specifications in Section 9-03.21 do not allow the use of recycled materials in the boxes that are shaded. If the Contract Provisions allowed and the Contractor utilized recycled materials for any of these items the amount of recycled material shall be entered in the box. The contract total quantity for each aggregate material (e.g., Fine Aggregate for Portland Cement Concrete) is the total weight in tons and includes both recycled and natural occurring materials. The total quantity for hot mix asphalt (HMA) is the total HMA weight in tons and includes recycled asphalt pavement (RAP) and new HMA materials.

Other recycled aggregates include other material sources that are utilized on a project. These sources include on-site recycling and aggregates from returned (uncured) concrete. Roadway excavation and embankment are not allowed in the quantity for other aggregate materials or other recycled aggregates.

Attach cost estimates as required in Section 1-06.6 of the Standard Specifications when the total percentage of recycled aggregate and concrete is less than 25 percent of the required amount for the entire Contract.

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-LLLL, "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.



Certification of Compliance with Wage Payment Statutes

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (**October 25, 2018**), the bidder is not a “willful” violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

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

Bidder’s Business Name

Signature of Authorized Official*

Printed Name

Title

Date

City

State

Check One:

Sole Proprietorship ☐ Partnership ☐ Joint Venture ☐ Corporation ☐

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

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

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

APPENDIX E

Required Contract Provisions for Federal Aid Construction Contracts- FHWA 1273

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

FHWA-1273 -- Revised May 1, 2012

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

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

I. GENERAL

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

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

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

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

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

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

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

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

II. NONDISCRIMINATION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Training and Promotion:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

III. NONSEGREGATED FACILITIES

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

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

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

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

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

1. Minimum wages

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

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

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

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

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

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

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

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

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

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

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

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

2. Withholding

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

3. Payrolls and basic records

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

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

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

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

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

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

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

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

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

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

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

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

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

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

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

b. Trainees (programs of the USDOL).

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

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

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

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

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

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

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

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

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

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

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

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

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

10. Certification of eligibility.

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

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

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

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

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

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

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

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

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

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).

APPENDIX F

Permits



HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: February 06, 2018
Project End Date: October 15, 2022

Permit Number: 2018-4-83+01
FPA/Public Notice Number: N/A
Application ID: 10099

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Skagit County ATTENTION: Paul Randall-Grutter 1800 Continental Place Mount Vernon, WA 98273	Widener & Associates ATTENTION: Ross Widener 10108 32nd Ave W, Ste D Everett, WA 98204-1302

Project Name: Friday Creek Bridge Repair (Old Hwy 99N)

Project Description: Skagit County Public Works is proposing surface overlay and minor repair including expansion joint repairs on an Old Highway 99 Bridge that crosses Friday Creek. Bridge deck and approaches will be resurfaced with concrete and hot-mix asphalt respectively. The proposed project will not expand the existing wearing surface of the bridge or approaches. The project footprint is located entirely within the existing roadway and bridge structure, so no bare ground or vegetation will be impacted. No clearing or grading will be required. The project will take 2 months to complete and will begin sometime during 2019.

PROVISIONS

1. TIMING LIMITATION: Work below the ordinary high water line must only occur between June 15 and October 15 of calendar years 2018 through 2022. Work performed on the bridge outside of the creek channel may be performed year round.
2. APPROVED SPECIFICATIONS: You must accomplish the work per specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, dated January 11, 2018 except as modified by this Hydraulic Project Approval. You must have a copy of these specifications available on site during all phases of the project proposal.
3. Prevent the existing structure and associated construction materials from entering the stream when removing them.
4. The work area shall be completely contained to ensure that asphalt, paint, treated wood, sawdust, trimmings, drill shavings and other debris do not enter waters of the state.
5. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.
6. Limit the removal of native bankline vegetation to the minimum amount needed to construct the project. Any disturbed native vegetation shall be replaced within one year of project completion.
7. Station and operate equipment used for this project on the bridge or on the bank landward of the ordinary high water line.
8. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.
9. Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.
10. Upon completion of the project, remove all materials or equipment from the site and dispose of all construction debris and waste materials in an upland area above the limits of anticipated floodwater.



HYDRAULIC PROJECT APPROVAL

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Fish & Wildlife
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Issued Date: February 06, 2018
Project End Date: October 15, 2022

Permit Number: 2018-4-83+01
FPA/Public Notice Number: N/A
Application ID: 10099

LOCATION #1:	Site Name: Friday Creek Bridge , , WA					
WORK START:	June 15, 2018			WORK END:	October 15, 2022	
<u>WRIA</u>		<u>Waterbody:</u>			<u>Tributary to:</u>	
03 - Skagit Lower - Samish		Friday Creek (rb)			Samish River	
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
	31	36 N	04 E	48.567025	-122.334706	Skagit
<u>Location #1 Driving Directions</u>						

APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person (s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.



HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: February 06, 2018
Project End Date: October 15, 2022

Permit Number: 2018-4-83+01
FPA/Public Notice Number: N/A
Application ID: 10099

MINOR MODIFICATIONS TO THIS HPA: You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

MAJOR MODIFICATIONS TO THIS HPA: You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.

A. INFORMAL APPEALS: WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.



HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: February 06, 2018
Project End Date: October 15, 2022

Permit Number: 2018-4-83+01
FPA/Public Notice Number: N/A
Application ID: 10099

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee may conduct an informal hearing or review and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-660-470 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

Habitat Biologist Robert.Warinner@dfw.wa.gov
Bob Warinner 360-466-4345, Ext:252

for Director
WDFW

APPENDIX G

Vicinity Map and Plans