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PUBLIC WORKS DEPARTMENT**

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CONTRACT PROVISIONS and PLANS

For Construction of:
2015 County Road Safety, Horizontal Curve Signs (Various County Roads)
CRP 15-11
HSIP-000S(425)
TA-5788

Sealed Bids will be Opened on
November 14, 2016
at
4.00:P.M.
at the Office of the
Board of County Commissioners
Grant County Courthouse
P.O. Box 37
35 C Street NW, Room 207
Ephrata, Washington 98823

NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR 2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-11**", will be received by Grant County at the Office of the Board of County Commissioners located in the County Courthouse, P.O. Box 37, 35 C Street NW – Room 207, Ephrata, WA, 98823, until **4.00:P.M., Tuesday, November 14, 2016** and will then and there be opened and publicly read for the construction of the improvements.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. No conditional bid bond will be accepted. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to Grant County.

Maps, plans and specifications may be purchased from the office of the County Engineer, 124 Enterprise St. S.E., Ephrata, WA 98823, upon payment of the amount of \$25.00 (non-refundable).

Informational copies of the maps, plans and specifications are on file for inspection at the Grant County Public Works Building, 124 Enterprise St. S.E., Ephrata, WA 98823, and in various plan centers located in Washington.

The following is applicable to federal-aid projects: The Grant County Department of Public Works 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.

The Board of County Commissioners of Grant County, Washington, reserves the right to reject any and all bids. The award of this contract, if made, will be to the lowest responsible bidder.

The improvement for which bids will be received follows:

2015 County Road Safety, Horizontal Curve Signs (Various County Roads) – CRP 15-11

This contract provides for the installation of Traffic Control Devices, County Wide, on two lane county roads in Grant County, WA, and includes removing existing signs, installation of signs, project temporary traffic control and other work, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

GRANT COUNTY PUBLIC WORKS

CRP 15-11

2015 County Road Safety, Horizontal Curve Signs (Various County Roads)

NOTICE TO ALL PLANHOLDERS

Grant County Department of Public Works may be contacted to answer questions regarding these bid documents and to show this project to prospective bidders is:
Grant County Department of Public Works

124 Enterprise St. S.E.
Ephrata, WA. 98823
Phone: (509)754-6082 Fax (509)754-6087

As the Engineer in direct responsible charge of developing these contract provisions, I certify these provisions have been developed or incorporated into this project under my direct supervision, or as a result of certified recommendations provided by other licensed professionals.



Jeffrey C. Tincer P.E.
County Road Engineer

10/20/2016
Date

BIDDER'S CHECK LIST

The bidder's attention is especially called to the following forms which must be executed in full as required:

- (A) PROPOSAL
The unit prices bid must be shown in the spaces provided. Show unit prices in figures only. All extensions of the unit prices must be shown in the spaces provided.
- (B) PROPOSAL SIGNATURE SHEET
To be filled in and signed by the bidder.
- (C) STATEMENT OF CONTRACTOR QUALIFICATIONS
To be filled in and signed by the bidder.
- (D) BID BOND
This form is to be executed by the bidder and his surety company unless the bid is accompanied by cash, certified or cashier's check. The amount of this bond shall be equal to 5% of the total amount bid and may be shown in dollars or on a percentage basis.
- (E) Non-Collusion Declaration (272-0361)

The following forms are to be executed after the contract is awarded:

- (F) CONTRACT
This agreement is to be executed by the successful bidder, his surety company, and Grant County.
- (G) CONTRACT BOND
To be executed by the successful bidder and his surety company.

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INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2016
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 1, 2016**

17 **1-01.3 Definitions**

18 The following new term and definition is inserted after the eighth paragraph:

19
20 **Cold Weather Protection Period** – A period of time 7 days from the day of concrete
21 placement or the duration of the cure period, whichever is longer.
22

23 **Section 1-02, Bid Procedures and Conditions**
24 **April 4, 2016**

25 **1-02.4(1) General**

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

27
28 Any prospective Bidder desiring an explanation or interpretation of the Bid Documents,
29 shall request the explanation or interpretation in writing by close of business on the
30 Thursday preceding the bid opening to allow a written reply to reach all prospective Bidders
31 before the submission of their Bids.
32

33 **1-02.9 Delivery of Proposal**

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

35
36 The Contracting Agency will not open or consider any Proposal when the Proposal or Bid
37 deposit is received after the time specified for receipt of Proposals or received in a location
38 other than that specified for receipt of Proposals unless an emergency or unanticipated
39 event interrupts normal work processes of the Contracting Agency so that Proposals cannot
40 be received.
41

42 The following new paragraph is inserted before the last paragraph:

43
44 If an emergency or unanticipated event interrupts normal work processes of the Contracting
45 Agency so that Proposals cannot be received at the office designated for receipt of bids as
46 specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to
47 be extended to the same time of day specified in the solicitation on the first work day on
48 which the normal work processes of the Contracting Agency resume.
49

1 **1-02.12 Public Opening of Proposals**

2 This section is supplemented with the following new paragraph:

3
4 If an emergency or unanticipated event interrupts normal work processes of the Contracting
5 Agency so that Proposals cannot be opened at the time indicated in the call for Bids the
6 time specified for opening of Proposals will be deemed to be extended to the same time of
7 day on the first work day on which the normal work processes of the Contracting Agency
8 resume.
9

10 **Section 1-04, Scope of the Work**

11 **August 1, 2016**

12 **1-04.2 Coordination of Contract Documents, Plans, Special Provisions,**
13 **Specifications, and Addenda**

14 The following new paragraph is inserted before the second to last paragraph:

15
16 Whenever reference is made in these Specifications or the Special Provisions to codes,
17 rules, specifications, and standards, the reference shall be construed to mean the code,
18 rule, specification, or standard that is in effect on the Bid advertisement date, unless
19 otherwise stated or as required by law.
20

21 **Section 1-06, Control of Material**

22 **January 4, 2016**

23 This section is supplemented with the following new section and subsections:

24
25 **1-06.6 Recycled Materials**

26 The Contractor shall make their best effort to utilize recycled materials in the construction of
27 the project; the use of recycled concrete aggregate as specified in Section 1-06.6(1)A is a
28 requirement of the Contract.
29

30 The Contractor shall submit a Recycled Material Utilization Plan as a Type 1 Working
31 Drawing within 30 calendar days after the Contract is executed. The plan shall provide the
32 Contractor's anticipated usage of recycled materials for meeting the requirements of these
33 Specifications. The quantity of recycled materials will be provided in tons and as a
34 percentage of the Plan quantity for each material listed in Section 9-03.21(1)E Table on
35 Maximum Allowable Percent (By Weight) of Recycled Material. When a Contract does not
36 include Work that requires the use of a material that is included in the requirements for
37 using materials the Contractor may state in their plan that no recycled materials are
38 proposed for use.
39

40 Prior to Physical Completion the Contractor shall report the quantity of recycled materials
41 that were utilized in the construction of the project for each of the items listed in Section 9-
42 03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled
43 glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material and
44 aggregates from concrete returned to the supplier). The Contractor's report shall be
45 provided on DOT Form 350-075 Recycled Materials Reporting.
46

47 **1-06.6(1) Recycling of Aggregate and Concrete Materials**
48

1 **1-06.6(1)A General**

2 The minimum quantity of recycled concrete aggregate shall be 25 percent of the total
3 quantity of aggregate that is incorporated into the Contract for those items listed in Section
4 9-03.21(1)E Table on Maximum Allowable Percent (By Weight) of Recycled Material that
5 allow the use of recycled concrete aggregate. The percentage of recycled material
6 incorporated into the project for meeting the required percentage will be calculated in tons
7 based on the quantity of recycled concrete used on the entire Contract and not as
8 individual items.
9

10 If the Contractor's total cost for Work with recycled concrete aggregate is greater than
11 without the Contractor may choose to not use recycled concrete aggregate. When the
12 Contractor does not meet the minimum requirement of 25 percent recycled concrete
13 aggregate for the Contract due to costs or any other reason the following shall be
14 submitted:
15

- 16 1. A cost estimate for each material listed in Section 9-03.21(1)E that is utilized on
17 the Contract. The cost estimate shall include the following.
18
 - 19 a. The estimated costs for the Work for each material with 25 percent recycled
20 concrete aggregate. The cost estimate shall include for each material a copy
21 of the price quote from the supplier with the lowest total cost for the Work.
22
 - 23 b. The estimated costs for the Work for each material without recycled concrete
24 aggregate.
25

26 The Contractor's cost estimates shall be submitted as an attachment to the Recycled
27 Materials Reporting form.
28

29 **Section 1-07, Legal Relations and Responsibilities to the Public**
30 **August 1, 2016**

31 **1-07.1 Laws to be Observed**

32 In the second to last sentence of the third paragraph, "WSDOT" is revised to read "Contracting
33 Agency".
34

35 **1-07.2(2) State Sales Tax: WAC 458-20-170 – Retail Sales Tax**

36 The last three sentences of the first paragraph are deleted and replaced with the following new
37 sentence:
38

39 The Contractor (Prime or Subcontractor) shall include sales or use tax on the purchase or
40 rental of tools, machinery, equipment, or consumable supplies not integrated into the
41 project, in the unit bid prices.
42

43 **1-07.9(2) Posting Notices**

44 Items 1 and 2 are revised to read:
45

- 46 1. EEOC - P/E-1 (revised 11/09, supplemented 09/15) – **Equal Employment**
47 **Opportunity IS THE LAW** published by US Department of Labor. Post for projects
48 with federal-aid funding.
49
- 50 2. FHWA 1022 (revised 05/15) – **NOTICE Federal-Aid Project** published by Federal
51 Highway Administration (FHWA). Post for projects with federal-aid funding.

1
2 Items 5, 6 and 7 are revised to read:

- 3
4 5. WHD 1420 (revised 02/13) – **Employee Rights and Responsibilities Under The**
5 **Family And Medical Leave Act** published by US Department of Labor. Post on all
6 projects.
7
8 6. WHD 1462 (revised 01/16) – **Employee Polygraph Protection Act** published by US
9 Department of Labor. Post on all projects.
10
11 7. F416-081-909 (revised 09/15) – **Job Safety and Health Law** published by Washington
12 State Department of Labor and Industries. Post on all projects.
13

14 Items 9 and 10 are revised to read:

- 15
16 9. F700-074-909 (revised 06/13) – **Your Rights as a Worker in Washington State** by
17 Washington State Department of Labor and Industries (L&I). Post on all projects.
18
19 10. EMS 9874 (revised 10/15) – **Unemployment Benefits** published by Washington State
20 Employment Security Department. Post on all projects.
21

22 **1-07.15(1) Spill Prevention, Control, and Countermeasures Plan**

23 The second sentence of the first paragraph is deleted.

24
25 The first sentence of the second paragraph is revised to read:

26
27 The SPCC Plan shall address all fuels, petroleum products, hazardous materials, and other
28 materials defined in Chapter 447 of the WSDOT Environmental Manual M 31-11.
29

30 Item number four of the fourth paragraph (up until the colon) is revised to read:

- 31
32 4. **Potential Spill Sources** – Describe each of the following for all potentially hazardous
33 materials brought or generated on-site, including but not limited to materials used for
34 equipment operation, refueling, maintenance, or cleaning:
35

36 The first sentence of item 7e of the fourth paragraph is revised to read:

37
38 BMP methods and locations where they are used to prevent discharges to ground or water
39 during mixing and transfer of hazardous materials and fuel.
40

41 The last paragraph is deleted.
42

43 **Section 1-08, Prosecution and Progress**

44 **August 1, 2016**

45 **1-08.1(1) Prompt Payment, Subcontract Completion and Return of Retainage** 46 **Withheld**

47 In item number 5 of the first paragraph, "WSDOT" is revised to read "Contracting Agency".
48

49 **1-08.5 Time for Completion**

50 In item 2c of the last paragraph, "Quarterly Reports" is revised to read "Monthly Reports".
51

1 **Section 1-09, Measurement and Payment**
2 **April 4, 2016**

3 **1-09.6 Force Account**

4 The second sentence of item number 4 is revised to read:

5
6
7
8
9
10

A "specialized service" is a work operation that is not typically done by worker classifications as defined by the Washington State Department of Labor and Industries and by the Davis Bacon Act, and therefore bills by invoice for work in road, bridge and municipal construction.

11 **Section 1-10, Temporary Traffic Control**
12 **August 1, 2016**

13 **1-10.1(2) Description**

14 The first paragraph is revised to read:

15
16
17
18
19

The Contractor shall provide flaggers and all other personnel required for labor for traffic control activities that are not otherwise specified as being furnished by the Contracting Agency.

20 In the third paragraph, "Project Engineer" is revised to read "Engineer".

21
22

The following new paragraph is inserted after the third paragraph:

23
24
25
26
27
28
29

The Contractor shall keep lanes, on-ramps, and off-ramps, open to traffic at all times except when Work requires closures. Ramps shall not be closed on consecutive interchanges at the same time, unless approved by the Engineer. Lanes and ramps shall be closed for the minimum time required to complete the Work. When paving hot mix asphalt the Contractor may apply water to the pavement to shorten the time required before reopening to traffic.

30 **Section 6-02, Concrete Structures**
31 **August 1, 2016**

32 **6-02.3(2)A Contractor Mix Design**

33 The following new sentence is inserted after the first sentence of the third paragraph:

34
35
36
37

The mix design submittal shall also include test results no older than one year showing that the Aggregates do not contain Deleterious Substances in accordance with Section 9-03.

38 **6-02.3(2)A1 Contractor Mix Design for Concrete Class 4000D**

39 The following new sentence is inserted after the second sentence of the last paragraph:

40
41
42

Mix designs using shrinkage reducing admixture shall state the specific quantity required.

43 The following new sentence is inserted before the last sentence of the last paragraph:

44
45
46
47

Testing samples of mixes using shrinkage reducing admixture shall use the admixture amount specified in the mix design submittal.

1 **6-02.3(2)B Commercial Concrete**

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

3
4 Commercial concrete does not require mix design or source approvals for cement,
5 aggregate, and other admixtures.
6

7 **6-02.3(6)A1 Hot Weather Protection**

8 This section is revised to read:

9
10 The Contractor shall provide concrete within the specified temperature limits. Cooling of the
11 coarse aggregate piles by sprinkling with water is permitted provided the moisture content
12 is monitored and the mixing water is adjusted for the free water in the aggregate. Shading
13 or cooling aggregate piles (sprinkling of fine aggregate piles with water is not allowed). If
14 sprinkling of the coarse aggregates is to be used, the piles moisture content shall be
15 monitored and the mixing water adjusted for the free water in the aggregate. In addition,
16 when removing the coarse aggregate, it shall be removed from at least 1 foot above the
17 bottom of the pile. Refrigerating mixing water; or replacing all or part of the mixing water
18 with crushed ice, provided the ice is completely melted by placing time.
19

20 If air temperature exceeds 90°F, the Contractor shall use water spray or other accepted
21 methods to cool all concrete-contact surfaces to less than 90°F. These surfaces include
22 forms, reinforcing steel, steel beam flanges, and any others that touch the mix.
23

24 **6-02.3(6)A2 Cold Weather Protection**

25 This section is revised to read:

26
27 Concrete shall be maintained at or above a temperature of 40°F during the first seven days
28 of the Cold Weather Protection Period and at or above a temperature of 35°F during the
29 remainder of the Cold Weather Protection Period. Cold weather protection requirements do
30 not apply to concrete placed below the ground line.
31

32 Prior to placing concrete in cold weather, the Contractor shall submit a Type 2 Working
33 Drawing with a written procedure for cold weather concreting. The procedure shall detail
34 how the Contractor will adequately cure the concrete and prevent the concrete temperature
35 from falling below the minimum temperature. Extra protection shall be provided for areas
36 especially vulnerable to freezing (such as exposed top surfaces, corners and edges, thin
37 sections, and concrete placed into steel forms). Concrete placement will only be allowed if
38 the Contractor's cold weather protection plan has been accepted by the Engineer.
39

40 Prior to concrete placement, the Contractor shall review the 7-day temperature predictions
41 for the job site from the Western Region Headquarters of the National Weather Service
42 (www.wrh.noaa.gov). When temperatures below 35°F are predicted, the Contractor shall:
43

- 44 1. Install temperature data loggers in each concrete pour. One data logger shall be
45 installed for every 100 yards of concrete placed. Data loggers shall be installed at
46 locations directed by the Engineer, and shall be placed 1.5 inches from the face of
47 concrete.
48
49 2. Immediately after concrete placement, temperature data loggers shall be installed
50 on the concrete surface at locations directed by the Engineer. One data logger
51 shall be installed for every 100 yards of concrete placed.
52

53 The data loggers shall be operated continuously during the Cold Weather Protection
54 Period. Temperatures shall be measured, recorded and stored a minimum of every 30

1 minutes. Temperature data shall be submitted to the Engineer as a Type 1 Working
2 Drawing within three days following the end of the Cold Weather Protection Period.

3
4 If the concrete temperature falls below 40°F during the first seven days of the Cold Weather
5 Protection Period, no curing time is awarded for that day and the Cold Weather Protection
6 Period is extended for one additional day. If the concrete temperature falls below 35°F
7 during Cold Weather Protection Period, the concrete may be rejected by the Engineer.

8
9 **6-02.3(17)N Removal of Falsework and Forms**

10 The fifth paragraph is deleted.

11
12 **6-02.3(25)J Horizontal Alignment**

13 The last two sentences of the third paragraph are revised to read the following single sentence:

14
15 Any girder that exceeds an offset of $\frac{1}{8}$ inch for each 10 feet of girder length shall be
16 corrected at the job site to the $\frac{1}{8}$ inch maximum offset per 10 feet of girder length before
17 concrete is placed into the diaphragms.

18
19 **6-02.3(26)D2 Test Block Dimensions**

20 The first sentence is revised to read:

21
22 The dimensions of the test block perpendicular to the tendon in each direction shall be the
23 smaller of twice the minimum edge distance or the minimum spacing specified by the
24 special anchorage device manufacturer, with the stipulation that the concrete cover over
25 any confining reinforcing steel or supplementary skin reinforcement shall be appropriate for
26 the project-specific application and circumstances.

27
28 **6-02.3(26)E2 Ducts for External Exposed Installation**

29 In the first paragraph, "ASTM D3350" is revised to read "ASTM D3035".

30
31 In the fourth paragraph, "ASTM D3505" is revised to read "ASTM D3035".

32
33 **6-02.3(26)G Tensioning**

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

- 35
36 1. All concrete has reached a compressive strength of at least 4,000 psi or the strength
37 specified in the Plans. When tensioning takes place prior to 28-day compressive
38 strength testing on concrete sampled in accordance with Section 6-02.3(25)H,
39 compressive strength shall be verified on field cured cylinders in accordance with the
40 FOP for AASHTO T23.

41
42 **6-02.3(27)A Use of Self-Consolidating Concrete for Precast Units**

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

- 44
45 2. Precast reinforced concrete three-sided structures, box culverts and split box culverts
46 in accordance with Section 7-02.3(6).
47

1 **Section 8-01, Erosion Control and Water Pollution Control**
2 **August 1, 2016**

3 **8-01.2 Materials**

4 This section is supplemented with the following new paragraph:

5
6 Recycled concrete, in any form, shall not be used for any Work defined in Section 8-01.

7
8 **8-01.3(7) Stabilized Construction Entrance**

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

10
11 Material used for stabilized construction entrance shall be free of extraneous materials that
12 may cause or contribute to track out.

13
14 **8-01.3(8) Street Cleaning**

15 This section is revised to read:

16
17 Self-propelled street sweepers shall be used to remove and collect sediment and other
18 debris from the Roadway, whenever required by the Engineer. The street sweeper shall
19 effectively collect these materials and prevent them from being washed or blown off the
20 Roadway or into waters of the State. Street sweepers shall not generate fugitive dust and
21 shall be designed and operated in compliance with applicable air quality standards.

22
23 Material collected by the street sweeper shall be disposed of in accordance with Section 2-
24 03.3(7)C.

25
26 Street washing with water will require the concurrence of the Engineer

27 **Section 9-35, Temporary Traffic Control Materials**
28 **August 1, 2016**

29 **9-35.12 Transportable Attenuator**

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

31
32 The transportable attenuator shall be mounted on, or attached to, a host vehicle that
33 complies with the manufacturer's recommended weight range.

34

1 INTRODUCTION TO THE SPECIAL PROVISIONS

2
3 The work on this project shall be accomplished in accordance with the *Standard Specifications*
4 *for Road, Bridge and Municipal Construction*, 2016 edition, as issued by the Washington State
5 Department of Transportation (WSDOT) and the American Public Works Association (APWA),
6 Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications,
7 as modified or supplemented by the Amendments to the Standard Specifications and these
8 Special Provisions, all of which are made a part of the Contract Documents, shall govern all of
9 the Work.
10

11 These Special Provisions are made up of both General Special Provisions (GSPs) from various
12 sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each
13 Provision either supplements, modifies, or replaces the comparable Standard Specification, or is
14 a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion
15 of the Standard Specifications is meant to pertain only to that particular portion of the section,
16 and in no way should it be interpreted that the balance of the section does not apply.
17

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

20
21 (March 8, 2013 APWA GSP)
22 (April 1, 2013 WSDOT GSP)
23

24 Also incorporated into the Contract Documents by reference are:

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

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

31
32 DIVISION 1 GENERAL REQUIREMENTS

33
34 **Description Of Work**

35
36 (*****)

37 This contract provides for the installation of Traffic Control Devices, County Wide,
38 on two lane county roads in Grant County, WA, and includes removing existing
39 signs, installation of signs, project temporary traffic control and other work, all in
40 accordance with the attached Contract Plans, these Contract Provisions and the
41 Standard Specifications.
42

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

1 **1-01 Definitions And Terms**

2

3 **1-01.3 Definitions**

4 (January 4, 2016 APWA GSP)

5

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

8

9 **Dates**

10

Bid Opening Date

11

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

12

Award Date

13

The date of the formal decision of the Contracting Agency to accept the lowest

14

responsible and responsive Bidder for the Work.

15

Contract Execution Date

16

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

17

Notice to Proceed Date

18

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

19

Substantial Completion Date

20

The day the Engineer determines the Contracting Agency has full and unrestricted use

21

and benefit of the facilities, both from the operational and safety standpoint, any

22

remaining traffic disruptions will be rare and brief, and only minor incidental work,

23

replacement of temporary substitute facilities, plant establishment periods, or correction

24

or repair remains for the Physical Completion of the total Contract.

25

Physical Completion Date

26

The day all of the Work is physically completed on the project. All documentation

27

required by the Contract and required by law does not necessarily need to be furnished

28

by the Contractor by this date.

29

Completion Date

30

The day all the Work specified in the Contract is completed and all the obligations of the

31

Contractor under the contract are fulfilled by the Contractor. All documentation required

32

by the Contract and required by law must be furnished by the Contractor before

33

establishment of this date.

34

Final Acceptance Date

35

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

36

37 Supplement this Section with the following:

38

39

All references in the Standard Specifications, Amendments, or WSDOT General Special

40

Provisions, to the terms "Department of Transportation", "Washington State Transportation

41

Commission", "Commission", "Secretary of Transportation", "Secretary", "Headquarters", and

42

"State Treasurer" shall be revised to read "Contracting Agency".

43

44

All references to the terms "State" or "state" shall be revised to read "Contracting Agency"

45

unless the reference is to an administrative agency of the State of Washington, a State

46

statute or regulation, or the context reasonably indicates otherwise.

47

48

All references to "State Materials Laboratory" shall be revised to read "Contracting Agency

49

designated location".

50

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

5 **Additive**

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

10 **Alternate**

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

15 **Business Day**

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

19 **Contract Bond**

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

24 **Contract Documents**

25 See definition for "Contract".
26

27 **Contract Time**

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

31 **Notice of Award**

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

35 **Notice to Proceed**

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

40 **Traffic**

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

44 **1-02 Bid Procedures And Conditions**

45 **1-02.1 Prequalification of Bidders**

46 Delete this Section and replace it with the following:
47

48 1-02.1 Qualifications of Bidder
49

50 (*****)
51

1 Bidders must meet the minimum qualifications of RCW 39.04.350(1), as
2 amended:

3
4 Before award of a public works contract, a bidder must meet the following
5 responsibility criteria to be considered a responsible bidder and qualified to be
6 awarded a public works project. The bidder must:

- 7
8 (a) At the time of bid submittal, have a certificate of registration in compliance
9 with chapter 18.27 RCW;
10 (b) Have a current state unified business identifier number;
11 (c) If applicable, have industrial insurance coverage for the bidder's employees
12 working in Washington as required in Title 51 RCW; an employment security
13 department number as required in Title 50 RCW; and a state excise tax
14 registration number as required in Title 82 RCW; and
15 (d) Not be disqualified from bidding on any public works contract under RCW
16 39.06.010 or 39.12.065(3).
17 (e) Bidders shall be qualified by experience, financing, equipment, and
18 organization to do the work called for in the Contract Documents. The
19 Contracting Agency reserves the right to take whatever action it deems
20 necessary to ascertain the ability of the bidder to perform the work
21 satisfactorily. The Contracting Agency's actions may include a pre-
22 qualification procedure prior to the bidder being furnished a proposal form on
23 any contract, or a pre-award survey of the bidder's qualifications prior to
24 award.

25
26 **1-02.2 Plans and Specifications**

27 *(June 27, 2011 APWA GSP)*

28
29 Delete this section and replace it with the following:

30
31 Information as to where Bid Documents can be obtained or reviewed can be found in the
32 Call for Bids (Advertisement for Bids) for the work.

33
34 After award of the contract, plans and specifications will be issued to the Contractor at no
35 cost as detailed below:

36

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")	0	Furnished only upon request.

37

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

3 **1-02.4(1) General**
4 *(August 15, 2016 APWA GSP Option A)*

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

7 Any prospective Bidder desiring an explanation or interpretation of the Bid
8 Documents, must request the explanation or interpretation in writing soon enough to
9 allow a written reply to reach all prospective Bidders before the submission of their
10 Bids.

11

12 **1-02.5 Proposal Forms**
13 *(June 27, 2011 APWA GSP)*

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

16

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

27

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

31

32 **1-02.6 Preparation of Proposal**
33 *(June 27, 2011 APWA GSP)*

34 Supplement the second paragraph with the following:

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

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

39 Delete the last paragraph, and replace it with the following:

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

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

1 A bid by a partnership shall be executed in the partnership name, and signed by a partner. A
2 copy of the partnership agreement shall be submitted with the Bid Form if any D/M/WBE
3 requirements are to be satisfied through such an agreement.

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

7
8 (August 2, 2004)

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

10
11
12 **1-02.7 Bid Deposit**

13 *(March 8, 2013 APWA GSP)*

14
15 Supplement this section with the following:

16 Bid bonds shall contain the following:

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

27
28
29 If so stated in the Contract Provisions, bidder must use the bond form included in the
30 Contract Provisions.

31
32 If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

33
34 **1-02.9 Delivery of Proposal**

35 *(August 15, 2016 APWA GSP, Option A)*

36
37 Delete this section and replace it with the following:

38
39 Each proposal shall be submitted in a sealed envelope, with the Project Name and Project
40 Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as
41 otherwise required in the Bid Documents, to ensure proper handling and delivery.

42
43 If the project has FHWA funding and requires DBE Written Confirmation Document(s) or
44 Good Faith Effort (GFE) Documentation, then to be considered responsive, the Bidder shall
45 submit written Confirmation Documentation from each DBE firm listed on the Bidder's
46 completed DBE Utilization Certification, form 272-056 EF, as required by Section 1-02.6.
47 The DBE Written Confirmation Document(s) and/or GFE (if any) shall be received either with
48 the Bid Proposal or as a Supplement to the Bid. The document(s) shall be received **no later**
49 **than 24 hours** (not including Saturdays, Sundays and Holidays) after the time for delivery of
50 the Bid Proposal.
51

1 If submitted after the Bid Proposal is due, the document(s) must be submitted in a sealed
2 envelope labeled the same as for the Proposal, with "DBE Supplemental Information"
3 added. All other information required to be submitted with the Bid Proposal must be
4 submitted with the Bid Proposal itself, at the time stated in the Call for Bids.
5

6 The Contracting Agency will not open or consider any Bid Proposal that is received after the
7 time specified in the Call for Bids for receipt of Bid Proposals, or received in a location other
8 than that specified in the Call for Bids. The Contracting Agency will not open or consider
9 any DBE confirmations or GFE documentation proposal that is received after the time
10 specified above, or received in a location other than that specified in the Call for Bids.
11

12 **1-02.10 Withdrawing, Revising, or Supplementing Proposal**
13 *(July 23, 2015 APWA GSP)*
14

15 Delete this section, and replace it with the following:
16

17 After submitting a physical Bid Proposal to the Contracting Agency, the Bidder may
18 withdraw, revise, or supplement it if:
19

- 20 1. The Bidder submits a written request signed by an authorized person and
21 physically delivers it to the place designated for receipt of Bid Proposals, and
- 22 2. The Contracting Agency receives the request before the time set for receipt of Bid
23 Proposals, and
- 24 3. The revised or supplemented Bid Proposal (if any) is received by the Contracting
25 Agency before the time set for receipt of Bid Proposals.
26

27 If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received
28 before the time set for receipt of Bid Proposals, the Contracting Agency will return the
29 unopened Proposal package to the Bidder. The Bidder must then submit the revised or
30 supplemented package in its entirety. If the Bidder does not submit a revised or
31 supplemented package, then its bid shall be considered withdrawn.
32

33 Late revised or supplemented Bid Proposals or late withdrawal requests will be date
34 recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed
35 requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.
36

37 **1-02.12 Public Opening Of Proposals**
38

39 Section 1-02.12 is supplemented with the following:
40

41 *(*****)*

42 *Date Of Opening Bids*

43 Sealed bids are to be received at the following location prior to the time specified:
44

45 The Office of the Board of County Commissioners, Grant County Courthouse, Room
46 207, 35 C St. NW, P.O. Box 37, Ephrata, WA 98823
47

48 The bid opening date for this project is **November 14, 2016**. Bids received will be
49 publicly opened and read after **4.00:P.M.** Pacific Time on this date.

1 **1-02.13 Irregular Proposals**
2 *(January 4, 2016 APWA GSP)*

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

- 5
6 1. A proposal will be considered irregular and will be rejected if:
- 7 a. The Bidder is not prequalified when so required;
 - 8 b. The authorized proposal form furnished by the Contracting Agency is not used or
9 is altered;
 - 10 c. The completed proposal form contains any unauthorized additions, deletions,
11 alternate Bids, or conditions;
 - 12 d. The Bidder adds provisions reserving the right to reject or accept the award, or
13 enter into the Contract;
 - 14 e. A price per unit cannot be determined from the Bid Proposal;
 - 15 f. The Proposal form is not properly executed;
 - 16 g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable,
17 as required in Section 1-02.6;
 - 18 h. The Bidder fails to submit or properly complete a Disadvantaged Business
19 Enterprise Certification, if applicable, as required in Section 1-02.6;
 - 20 i. The Bidder fails to submit written confirmation from each DBE firm listed on the
21 Bidder's completed DBE Utilization Certification that they are in agreement with
22 the bidders DBE participation commitment, if applicable, as required in Section 1-
23 02.6, or if the written confirmation that is submitted fails to meet the requirements
24 of the Special Provisions;
 - 25 j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as
26 required in Section 1-02.6, or if the documentation that is submitted fails to
27 demonstrate that a Good Faith Effort to meet the Condition of Award was made;
 - 28 k. The Bid Proposal does not constitute a definite and unqualified offer to meet the
29 material terms of the Bid invitation; or
 - 30 l. More than one proposal is submitted for the same project from a Bidder under
31 the same or different names.
- 32
33 2. A Proposal may be considered irregular and may be rejected if:
- 34 a. The Proposal does not include a unit price for every Bid item;
 - 35 b. Any of the unit prices are excessively unbalanced (either above or below the
36 amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
 - 37 c. Receipt of Addenda is not acknowledged;
 - 38 d. A member of a joint venture or partnership and the joint venture or partnership
39 submit Proposals for the same project (in such an instance, both Bids may be
40 rejected); or
 - 41 e. If Proposal form entries are not made in ink.
- 42

43 **1-02.14 Disqualification of Bidders**
44 *(March 8, 2013 APWA GSP, Option A)*

45
46 Delete this section and replace it with the following:

47
48 A Bidder will be deemed not responsible if the Bidder does not meet the mandatory
49 bidder responsibility criteria in RCW 39.04.350(1), as amended.

1 As evidence that the Bidder meets the mandatory bidder responsibility criteria, the apparent
2 two lowest Bidders must submit to the Contracting Agency within 24 hours of the bid
3 submittal deadline, documentation (sufficient in the sole judgment of the Contracting
4 Agency) demonstrating compliance with all responsibility criteria. The Contracting Agency
5 reserves the right to request such documentation from other Bidders as well, and to request
6 further documentation as needed to assess bidder responsibility. The Contracting Agency
7 also reserves the right to obtain information from third parties concerning a Bidder's
8 compliance with the mandatory bidder responsibility criteria.

9
10 If the Contracting Agency determines the Bidder does not meet the mandatory bidder
11 responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the
12 Contracting Agency shall notify the Bidder in writing, with the reasons for its determination.
13 If the Bidder disagrees with this determination, it may appeal the determination within two
14 (2) business days of the Contracting Agency's determination by presenting its appeal and
15 any additional information to the Contracting Agency. The Contracting Agency will consider
16 the appeal and any additional information before issuing its final determination. If the final
17 determination affirms that the Bidder is not responsible, the Contracting Agency will not
18 execute a contract with any other Bidder until at least two business days after the Bidder
19 determined to be not responsible has received the Contracting Agency's final determination.
20

21 **1-02.15 Pre Award Information**

22 *(August 14, 2013 APWA GSP)*

23
24 Revise this section to read:

25
26 Before awarding any contract, the Contracting Agency may require one or more of these
27 items or actions of the apparent lowest responsible bidder:

- 28 1. A complete statement of the origin, composition, and manufacture of any or all
29 materials to be used,
- 30 2. Samples of these materials for quality and fitness tests,
- 31 3. A progress schedule (in a form the Contracting Agency requires) showing the order
32 of and time required for the various phases of the work,
- 33 4. A breakdown of costs assigned to any bid item,
- 34 5. Attendance at a conference with the Engineer or representatives of the Engineer,
- 35 6. Obtain, and furnish a copy of, a business license to do business in the city or county
36 where the work is located.
- 37 7. Any other information or action taken that is deemed necessary to ensure that the
38 bidder is the lowest responsible bidder.

39 40 **1-03 Award And Execution Of Contract**

41 **1-03.1 Consideration of Bids**

42 *(January 23, 2006 APWA GSP)*

43
44
45 Revise the first paragraph to read:

46
47 After opening and reading proposals, the Contracting Agency will check them for
48 correctness of extensions of the prices per unit and the total price. If a discrepancy exists
49 between the price per unit and the extended amount of any bid item, the price per unit will

1 control. If a minimum bid amount has been established for any item and the bidder's unit or
2 lump sum price is less than the minimum specified amount, the Contracting Agency will
3 unilaterally revise the unit or lump sum price, to the minimum specified amount and
4 recalculate the extension. The total of extensions, corrected where necessary, including
5 sales taxes where applicable and such additives and/or alternates as selected by the
6 Contracting Agency, will be used by the Contracting Agency for award purposes and to fix
7 the Awarded Contract Price amount and the amount of the contract bond.

10 **1-03.3 Execution of Contract**

11 *(October 1, 2005 APWA GSP)*

12
13 Revise this section to read:

14
15 Copies of the Contract Provisions, including the unsigned Form of Contract, will be available
16 for signature by the successful bidder on the first business day following award. The number
17 of copies to be executed by the Contractor will be determined by the Contracting Agency.

18
19 Within **10 (ten) calendar days** after the award date, the successful bidder shall return the
20 signed Contracting Agency-prepared contract, an insurance certification as required by
21 Section 1-07.18, and a satisfactory bond as required by law and Section 1-03.4. Before
22 execution of the contract by the Contracting Agency, the successful bidder shall provide any
23 pre-award information the Contracting Agency may require under Section 1-02.15.

24
25 Until the Contracting Agency executes a contract, no proposal shall bind the Contracting
26 Agency nor shall any work begin within the project limits or within Contracting Agency-
27 furnished sites. The Contractor shall bear all risks for any work begun outside such areas
28 and for any materials ordered before the contract is executed by the Contracting Agency.

29
30 If the bidder experiences circumstances beyond their control that prevents return of the
31 contract documents within the calendar days after the award date stated above, the
32 Contracting Agency may grant up to a maximum of 5 (five) additional calendar days for
33 return of the documents, provided the Contracting Agency deems the circumstances warrant
34 it.

35 36 **1-03.4 Contract Bond**

37 *(July 23, 2015 APWA GSP)*

38
39 Delete the first paragraph and replace it with the following:

40
41 The successful bidder shall provide executed payment and performance bond(s) for the full
42 contract amount. The bond may be a combined payment and performance bond; or be
43 separate payment and performance bonds. In the case of separate payment and
44 performance bonds, each shall be for the full contract amount. The bond(s) shall:

- 45 1. Be on Contracting Agency-furnished form(s);
- 46 2. Be signed by an approved surety (or sureties) that:
 - 47 a. Is registered with the Washington State Insurance Commissioner, and
 - 48 b. Appears on the current Authorized Insurance List in the State of Washington
 - 49 published by the Office of the Insurance Commissioner,
- 50 3. Guarantee that the Contractor will perform and comply with all obligations, duties, and
- 51 conditions under the Contract, including but not limited to the duty and obligation to
- 52 indemnify, defend, and protect the Contracting Agency against all losses and claims
- 53 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 **1-04 Scope Of The Work**

20
21 **1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications,
22 and Addenda**

23 *(March 13, 2012 APWA GSP)*

24
25 Revise the second paragraph to read:

26
27 Any inconsistency in the parts of the contract shall be resolved by following this order of
28 precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

- 29 1. Addenda,
30 2. Proposal Form,
31 3. Special Provisions,
32 4. Contract Plans,
33 5. Amendments to the Standard Specifications,
34 6. Standard Specifications,
35 7. Contracting Agency's Standard Plans or Details (if any), and
36 8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

37 **1-05 Control Of Work**

38
39 **1-05.7 Removal of Defective and Unauthorized Work**

40 *(October 1, 2005 APWA GSP)*

41
42 Supplement this section with the following:

43
44 If the Contractor fails to remedy defective or unauthorized work within the time specified in a
45 written notice from the Engineer, or fails to perform any part of the work required by the
46 Contract Documents, the Engineer may correct and remedy such work as may be identified
47 in the written notice, with Contracting Agency forces or by such other means as the
48 Contracting Agency may deem necessary.
49

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

8
9 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and
10 remedying defective or unauthorized work, or work the Contractor failed or refused to
11 perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from
12 monies due, or to become due, the Contractor. Such direct and indirect costs shall include in
13 particular, but without limitation, compensation for additional professional services required,
14 and costs for repair and replacement of work of others destroyed or damaged by correction,
15 removal, or replacement of the Contractor's unauthorized work.

16
17 No adjustment in contract time or compensation will be allowed because of the delay in the
18 performance of the work attributable to the exercise of the Contracting Agency's rights
19 provided by this Section.

20
21 The rights exercised under the provisions of this section shall not diminish the Contracting
22 Agency's right to pursue any other avenue for additional remedy or damages with respect to
23 the Contractor's failure to perform the work as required.

24 25 **1-05.11 Final Inspection**

26
27 Delete this section and replace it with the following:

28 29 **1-05.11 Final Inspections and Operational Testing** 30 *(October 1, 2005 APWA GSP)*

31 32 **1-05.11(1) Substantial Completion Date**

33
34 When the Contractor considers the work to be substantially complete, the Contractor shall
35 so notify the Engineer and request the Engineer establish the Substantial Completion Date.
36 The Contractor's request shall list the specific items of work that remain to be completed in
37 order to reach physical completion. The Engineer will schedule an inspection of the work
38 with the Contractor to determine the status of completion. The Engineer may also establish
39 the Substantial Completion Date unilaterally.

40
41 If, after this inspection, the Engineer concurs with the Contractor that the work is
42 substantially complete and ready for its intended use, the Engineer, by written notice to the
43 Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer
44 does not consider the work substantially complete and ready for its intended use, the
45 Engineer will, by written notice, so notify the Contractor giving the reasons therefor.

46
47 Upon receipt of written notice concurring in or denying substantial completion, whichever is
48 applicable, the Contractor shall pursue vigorously, diligently and without unauthorized
49 interruption, the work necessary to reach Substantial and Physical Completion. The
50 Contractor shall provide the Engineer with a revised schedule indicating when the
51 Contractor expects to reach substantial and physical completion of the work.
52

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

4 **1-05.11(2) Final Inspection and Physical Completion Date**

5
6 When the Contractor considers the work physically complete and ready for final inspection,
7 the Contractor by written notice, shall request the Engineer to schedule a final inspection.
8 The Engineer will set a date for final inspection. The Engineer and the Contractor will then
9 make a final inspection and the Engineer will notify the Contractor in writing of all particulars
10 in which the final inspection reveals the work incomplete or unacceptable. The Contractor
11 shall immediately take such corrective measures as are necessary to remedy the listed
12 deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption
13 until physical completion of the listed deficiencies. This process will continue until the
14 Engineer is satisfied the listed deficiencies have been corrected.

15
16 If action to correct the listed deficiencies is not initiated within 7 days after receipt of the
17 written notice listing the deficiencies, the Engineer may, upon written notice to the
18 Contractor, take whatever steps are necessary to correct those deficiencies pursuant to
19 Section 1-05.7.

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

22
23 Upon correction of all deficiencies, the Engineer will notify the Contractor and the
24 Contracting Agency, in writing, of the date upon which the work was considered physically
25 complete. That date shall constitute the Physical Completion Date of the contract, but shall
26 not imply acceptance of the work or that all the obligations of the Contractor under the
27 contract have been fulfilled.

28 29 **1-05.11(3) Operational Testing**

30
31 It is the intent of the Contracting Agency to have at the Physical Completion Date a
32 complete and operable system. Therefore when the work involves the installation of
33 machinery or other mechanical equipment; street lighting, electrical distribution or signal
34 systems; irrigation systems; buildings; or other similar work it may be desirable for the
35 Engineer to have the Contractor operate and test the work for a period of time after final
36 inspection but prior to the physical completion date. Whenever items of work are listed in the
37 Contract Provisions for operational testing they shall be fully tested under operating
38 conditions for the time period specified to ensure their acceptability prior to the Physical
39 Completion Date. During and following the test period, the Contractor shall correct any items
40 of workmanship, materials, or equipment which prove faulty, or that are not in first class
41 operating condition. Equipment, electrical controls, meters, or other devices and equipment
42 to be tested during this period shall be tested under the observation of the Engineer, so that
43 the Engineer may determine their suitability for the purpose for which they were installed.
44 The Physical Completion Date cannot be established until testing and corrections have been
45 completed to the satisfaction of the Engineer.

46
47 The costs for power, gas, labor, material, supplies, and everything else needed to
48 successfully complete operational testing, shall be included in the unit contract prices
49 related to the system being tested, unless specifically set forth otherwise in the proposal.

50
51 Operational and test periods, when required by the Engineer, shall not affect a
52 manufacturer's guaranties or warranties furnished under the terms of the contract.

1
2 **1-05.13 Superintendents, Labor and Equipment of Contractor**

3
4 Revise the seventh paragraph of Section 1-05.13 to read:

5
6 (*****)

7 Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to
8 Section 1-02.1 and 1-02.14, it will take these performance reports into account.

9
10 **Cooperation With Other Contractors**

11 Section 1-05.14 is supplemented with the following:

12
13 *(March 13, 1995)*

14 *Other Contracts Or Other Work*

15 It is anticipated that the following work adjacent to or within the limits of this project will
16 be performed by others during the course of this project and will require coordination of
17 the work:

- 18
19 1. Utility relocations and/or normal maintenance work by telephone and
20 power companies.
21 2. Normal maintenance work by Grant County Road crews.
22 3. Normal maintenance work by irrigation district crews.
23

24 **1-05.15 Method of Serving Notices**

25 *(March 25, 2009 APWA GSP)*

26 Revise the second paragraph to read:

27
28 All correspondence from the Contractor shall be directed to the Project Engineer. All
29 correspondence from the Contractor constituting any notification, notice of protest, notice of
30 dispute, or other correspondence constituting notification required to be furnished under the
31 Contract, must be in paper format, hand delivered or sent via mail delivery service to the
32 Project Engineer's office. Electronic copies such as e-mails or electronically delivered
33 copies of correspondence will not constitute such notice and will not comply with the
34 requirements of the Contract.
35

36
37 **1-05.16 Water and Power**

38 *(October 1, 2005 APWA GSP)*

39
40 The Contractor shall make necessary arrangements, and shall bear the costs for power and
41 water necessary for the performance of the work, unless the contract includes power and
42 water as a pay item.

43
44 **1-06 Control Of Material**

45
46 Section 1-06 is supplemented with the following:

47
48 **Buy America**

49
50 *(August 6, 2012)*

51 In accordance with Buy America requirements contained in 23 CFR 635.410, the major

1 quantities of steel and iron construction material that is permanently incorporated into
2 the project shall consist of American-made materials only. Buy America does not apply
3 to temporary steel items, e.g., temporary sheet piling, temporary bridges, steel
4 scaffolding and falsework.

5
6 Minor amounts of foreign steel and iron may be utilized in this project provided the cost
7 of the foreign material used does not exceed one-tenth of one percent of the total
8 contract cost or \$2,500.00, whichever is greater.

9
10 American-made material is defined as material having all manufacturing processes
11 occurring domestically. To further define the coverage, a domestic product is a
12 manufactured steel material that was produced in one of the 50 States, the District of
13 Columbia, Puerto Rico, or in the territories and possessions of the United States.

14
15 If domestically produced steel billets or iron ingots are exported outside of the area of
16 coverage, as defined above, for any manufacturing process then the resulting product
17 does not conform to the Buy America requirements. Additionally, products
18 manufactured domestically from foreign source steel billets or iron ingots do not
19 conform to the Buy America requirements because the initial melting and mixing of
20 alloys to create the material occurred in a foreign country.

21
22 Manufacturing begins with the initial melting and mixing, and continues through the
23 coating stage. Any process which modifies the chemical content, the physical size or
24 shape, or the final finish is considered a manufacturing process. The processes include
25 rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The
26 action of applying a coating to steel or iron is deemed a manufacturing process.
27 Coating includes epoxy coating, galvanizing, aluminizing, painting, and any other
28 coating that protects or enhances the value of steel or iron. Any process from the
29 original reduction from ore to the finished product constitutes a manufacturing process
30 for iron.

31
32 Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and
33 alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced
34 iron ore.

35
36 The following are considered to be steel manufacturing processes:

37
38 1. Production of steel by any of the following processes:

- 39
40 a. Open hearth furnace.
41
42 b. Basic oxygen.
43
44 c. Electric furnace.
45
46 d. Direct reduction.

47
48 2. Rolling, heat treating, and any other similar processing.

49
50 3. Fabrication of the products.

- 51
52 a. Spinning wire into cable or strand.
53
54 b. Corrugating and rolling into culverts.

1
2 c. Shop fabrication.
3

4 A certification of materials origin will be required for any items comprised of, or
5 containing, steel or iron construction materials prior to such items being incorporated
6 into the permanent work. The certification shall be on DOT Form 350-109EF provided
7 by the Engineer, or such other form the Contractor chooses, provided it contains the
8 same information as DOT Form 350-109EF.
9

10 **1-06.6 Recycled Materials**
11 *(January 4, 2016 APWA GSP)*
12

13 Delete this section, including its subsections, and replace it with the following:
14

15 The Contractor shall make their best effort to utilize recycled materials in the construction of
16 the project. Approval of such material use shall be as detailed elsewhere in the Standard
17 Specifications.
18

19 Prior to Physical Completion the Contractor shall report the quantity of recycled materials
20 that were utilized in the construction of the project for each of the items listed in Section 9-
21 03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled
22 glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material and
23 aggregates from concrete returned to the supplier). The Contractor's report shall be
24 provided on DOT form 350-075 Recycled Materials Reporting.
25

26
27 **1-07 Legal Relations And Responsibilities To The Public**

28
29 **1-07.1 Laws to be Observed**
30 *(October 1, 2005 APWA GSP)*
31

32 Supplement this section with the following:
33

34 In cases of conflict between different safety regulations, the more stringent regulation shall
35 apply.
36

37 The Washington State Department of Labor and Industries shall be the sole and paramount
38 administrative agency responsible for the administration of the provisions of the Washington
39 Industrial Safety and Health Act of 1973 (WISHA).
40

41 The Contractor shall maintain at the project site office, or other well known place at the
42 project site, all articles necessary for providing first aid to the injured. The Contractor shall
43 establish, publish, and make known to all employees, procedures for ensuring immediate
44 removal to a hospital, or doctor's care, persons, including employees, who may have been
45 injured on the project site. Employees should not be permitted to work on the project site
46 before the Contractor has established and made known procedures for removal of injured
47 persons to a hospital or a doctor's care.
48

49 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the
50 Contractor's plant, appliances, and methods, and for any damage or injury resulting from
51 their failure, or improper maintenance, use, or operation. The Contractor shall be solely and
52 completely responsible for the conditions of the project site, including safety for all persons
53 and property in the performance of the work. This requirement shall apply continuously, and

1 not be limited to normal working hours. The required or implied duty of the Engineer to
2 conduct construction review of the Contractor's performance does not, and shall not, be
3 intended to include review and adequacy of the Contractor's safety measures in, on, or near
4 the project site.

6 **State Taxes**

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

9 **1-07.2 State Sales Tax**

10 *(June 27, 2011 APWA GSP)*

11
12 The Washington State Department of Revenue has issued special rules on the State sales
13 tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor
14 should contact the Washington State Department of Revenue for answers to questions in
15 this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid
16 on a misunderstood tax liability.

17
18 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
19 amounts. In some cases, however, state retail sales tax will not be included. Section 1-
20 07.2(2) describes this exception.

21
22 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a
23 FHWA-funded Project) only if the Contractor has obtained from the Washington State
24 Department of Revenue a certificate showing that all contract-related taxes have been paid
25 (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor
26 any amount the Contractor may owe the Washington State Department of Revenue,
27 whether the amount owed relates to this contract or not. Any amount so deducted will be
28 paid into the proper State fund.

30 **1-07.2(1) State Sales Tax — Rule 171**

31
32 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets,
33 roads, etc., which are owned by a municipal corporation, or political subdivision of the state,
34 or by the United States, and which are used primarily for foot or vehicular traffic. This
35 includes storm or combined sewer systems within and included as a part of the street or
36 road drainage system and power lines when such are part of the roadway lighting system.
37 For work performed in such cases, the Contractor shall include Washington State Retail
38 Sales Taxes in the various unit bid item prices, or other contract amounts, including those
39 that the Contractor pays on the purchase of the materials, equipment, or supplies used or
40 consumed in doing the work.

42 **1-07.2(2) State Sales Tax — Rule 170**

43
44 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or
45 existing buildings, or other structures, upon real property. This includes, but is not limited to,
46 the construction of streets, roads, highways, etc., owned by the state of Washington; water
47 mains and their appurtenances; sanitary sewers and sewage disposal systems unless such
48 sewers and disposal systems are within, and a part of, a street or road drainage system;
49 telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above
50 streets or roads, unless such power lines become a part of a street or road lighting system;
51 and installing or attaching of any article of tangible personal property in or to real property,
52 whether or not such personal property becomes a part of the realty by virtue of installation.

1 For work performed in such cases, the Contractor shall collect from the Contracting Agency,
2 retail sales tax on the full contract price. The Contracting Agency will automatically add this
3 sales tax to each payment to the Contractor. For this reason, the Contractor shall not
4 include the retail sales tax in the unit bid item prices, or in any other contract amount subject
5 to Rule 170, with the following exception.
6

7 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or
8 a subcontractor makes on the purchase or rental of tools, machinery, equipment, or
9 consumable supplies not integrated into the project. Such sales taxes shall be included in
10 the unit bid item prices or in any other contract amount.
11

12 **1-07.2(3) Services**

13
14 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract
15 wholly for professional or other services (as defined in Washington State Department of
16 Revenue Rules 138 and 244).
17

18 **Load Limits**

19 Section 1-07.7 is supplemented with the following:

20
21 (March 13, 1995)

22 If the sources of materials provided by the Contractor necessitates hauling over
23 roads other than State Highways, the Contractor shall, at the Contractor's expense,
24 make all arrangements for the use of the haul routes.
25

26 **Wages**

27 28 **1-07.9(1) General**

29
30 Section 1-07.9(1) is supplemented with the following:

31
32 (January 8, 2016)

33 The Federal wage rates incorporated in this contract have been established by the
34 Secretary of Labor under United States Department of Labor General Decision No.
35 WA160001.
36

37 The State rates incorporated in this contract are applicable to all construction
38 activities associated with this contract.
39

40 **Requirements for Nondiscrimination**

41 Section 1-07.11 is supplemented with the following:

42
43 (August 5, 2013)

44 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive
45 Order 11246)
46

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

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

5
 6 Women - Statewide

<u>Timetable</u>	<u>Goal</u>
Until further notice	6.9%
<u>Minorities - by Standard Metropolitan Statistical Area (SMSA)</u>	
Spokane, WA:	
SMSA Counties:	
Spokane, WA	2.8
WA Spokane.	
Non-SMSA Counties	3.0
WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA Lincoln, WA Pend Oreille; WA Stevens; WA Whitman.	
Richland, WA	
SMSA Counties:	
Richland Kennewick, WA	5.4
WA Benton; WA Franklin.	
Non-SMSA Counties	3.6
WA Walla Walla.	
Yakima, WA:	
SMSA Counties:	
Yakima, WA	9.7
WA Yakima.	
Non-SMSA Counties	7.2
WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	
Seattle, WA:	
SMSA Counties:	
Seattle Everett, WA	7.2
WA King; WA Snohomish.	
Tacoma, WA	6.2
WA Pierce.	
Non-SMSA Counties	6.1
WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA Whatcom.	
Portland, OR:	
SMSA Counties:	
Portland, OR-WA	4.5
WA Clark.	
Non-SMSA Counties	3.8
WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	

53 These goals are applicable to each nonexempt Contractor's total on-site construction
 54 workforce, regardless of whether or not part of that workforce is performing work on a

1 Federal, or federally assisted project, contract, or subcontract until further notice.
2 Compliance with these goals and time tables is enforced by the Office of Federal
3 Contract compliance Programs.
4

5 The Contractor's compliance with the Executive Order and the regulations in 41 CFR
6 Part 60-4 shall be based on its implementation of the Equal Opportunity Clause,
7 specific affirmative action obligations required by the specifications set forth in 41 CFR
8 60-4.3(a), and its efforts to meet the goals. The hours of minority and female
9 employment and training must be substantially uniform throughout the length of the
10 contract, in each construction craft and in each trade, and the Contractor shall make a
11 good faith effort to employ minorities and women evenly on each of its projects. The
12 transfer of minority or female employees or trainees from Contractor to Contractor or
13 from project to project for the sole purpose of meeting the Contractor's goal shall be a
14 violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4.
15 Compliance with the goals will be measured against the total work hours performed.
16

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

25
26 U.S. Department of Labor
27 Office of Federal Contract Compliance Programs Pacific Region
28 Attn: Regional Director
29 San Francisco Federal Building
30 90 – 7th Street, Suite 18-300
31 San Francisco, CA 94103(415) 625-7800 Phone
32 (415) 625-7799 Fax
33

34 Additional information may be found at the U.S. Department of Labor website:
35 <http://www.dol.gov/ofccp/TAGuides/ctaguide.htm>
36

- 37 4. As used in this Notice, and in the contract resulting from this solicitation, the Covered
38 Area is as designated herein.
39

40 Standard Federal Equal Employment Opportunity Construction Contract Specifications
41 (Executive Order 11246)
42

- 43 1. As used in these specifications:
44

- 45 a. Covered Area means the geographical area described in the solicitation from
46 which this contract resulted;
47
48 b. Director means Director, Office of Federal Contract Compliance Programs,
49 United States Department of Labor, or any person to whom the Director
50 delegates authority;
51
52 c. Employer Identification Number means the Federal Social Security number
53 used on the Employer's Quarterly Federal Tax Return, U. S. Treasury
54 Department Form 941;

1
2 d. Minority includes:
3

- 4 (1) Black, a person having origins in any of the Black Racial Groups of
5 Africa.
6
7 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of
8 Mexican, Puerto Rican, Cuban, Central American, South American,
9 or other Spanish origin.
10
11 (3) Asian or Pacific Islander, a person having origins in any of the
12 original peoples of the Pacific rim or the Pacific Islands, the
13 Hawaiian Islands and Samoa.
14
15 (4) American Indian or Alaskan Native, a person having origins in any of
16 the original peoples of North America, and who maintain cultural
17 identification through tribal affiliation or community recognition.
18
- 19 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of
20 the work involving any construction trade, it shall physically include in each subcontract
21 in excess of \$10,000 the provisions of these specifications and the Notice which
22 contains the applicable goals for minority and female participation and which is set
23 forth in the solicitations from which this contract resulted.
24
- 25 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan
26 approved by the U.S. Department of Labor in the covered area either individually or
27 through an association, its affirmative action obligations on all work in the Plan area
28 (including goals and timetables) shall be in accordance with that Plan for those trades
29 which have unions participating in the Plan. Contractors must be able to demonstrate
30 their participation in and compliance with the provisions of any such Hometown Plan.
31 Each Contractor or Subcontractor participating in an approved Plan is individually
32 required to comply with its obligations under the EEO clause, and to make a good faith
33 effort to achieve each goal under the Plan in each trade in which it has employees.
34 The overall good faith performance by other Contractors or Subcontractors toward a
35 goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's
36 failure to take good faith effort to achieve the Plan goals and timetables.
37
- 38 4. The Contractor shall implement the specific affirmative action standards provided in
39 paragraphs 7a through 7p of this Special Provision. The goals set forth in the
40 solicitation from which this contract resulted are expressed as percentages of the total
41 hours of employment and training of minority and female utilization the Contractor
42 should reasonably be able to achieve in each construction trade in which it has
43 employees in the covered area. Covered construction contractors performing
44 construction work in geographical areas where they do not have a Federal or federally
45 assisted construction contract shall apply the minority and female goals established for
46 the geographical area where the work is being performed. The Contractor is expected
47 to make substantially uniform progress in meeting its goals in each craft during the
48 period specified.
49
- 50 5. Neither the provisions of any collective bargaining agreement, nor the failure by a
51 union with whom the Contractor has a collective bargaining agreement, to refer either
52 minorities or women shall excuse the Contractor's obligations under these
53 specifications, Executive Order 11246, or the regulations promulgated pursuant
54 thereto.

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54
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
 7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its action. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
 - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
 - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
 - d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
 - e. Develop on-the-job training opportunity and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the U.S. Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
 - f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy

1 manual and collective bargaining agreement; by publicizing it in the company
2 newspaper, annual report, etc.; by specific review of the policy with all
3 management personnel and with all minority and female employees at least
4 once a year; and by posting the company EEO policy on bulletin boards
5 accessible to all employees at each location where construction work is
6 performed.

- 7
- 8 g. Review, at least annually, the company's EEO policy and affirmative action
9 obligations under these specifications with all employees having any
10 responsibility for hiring, assignment, layoff, termination or other employment
11 decisions including specific review of these items with on-site supervisory
12 personnel such as Superintendents, General Foremen, etc., prior to the
13 initiation of construction work at any job site. A written record shall be made
14 and maintained identifying the time and place of these meetings, persons
15 attending, subject matter discussed, and disposition of the subject matter.
- 16
- 17 h. Disseminate the Contractor's EEO policy externally by including it in any
18 advertising in the news media, specifically including minority and female news
19 media, and providing written notification to and discussing the Contractor's
20 EEO policy with other Contractors and Subcontractors with whom the
21 Contractor does or anticipates doing business.
- 22
- 23 i. Direct its recruitment efforts, both oral and written to minority, female and
24 community organizations, to schools with minority and female students and to
25 minority and female recruitment and training organizations serving the
26 Contractor's recruitment area and employment needs. Not later than one
27 month prior to the date for the acceptance of applications for apprenticeship
28 or other training by any recruitment source, the Contractor shall send written
29 notification to organizations such as the above, describing the openings,
30 screening procedures, and tests to be used in the selection process.
- 31
- 32 j. Encourage present minority and female employees to recruit other minority
33 persons and women and where reasonable, provide after school, summer
34 and vacation employment to minority and female youth both on the site and in
35 other areas of a Contractor's work force.
- 36
- 37 k. Validate all tests and other selection requirements where there is an
38 obligation to do so under 41 CFR Part 60-3.
- 39
- 40 l. Conduct, at least annually, an inventory and evaluation of all minority and
41 female personnel for promotional opportunities and encourage these
42 employees to seek or to prepare for, through appropriate training, etc., such
43 opportunities.
- 44
- 45 m. Ensure that seniority practices, job classifications, work assignments and
46 other personnel practices, do not have a discriminatory effect by continually
47 monitoring all personnel and employment related activities to ensure that the
48 EEO policy and the Contractor's obligations under these specifications are
49 being carried out.
- 50
- 51 n. Ensure that all facilities and company activities are nonsegregated except
52 that separate or single-user toilet and necessary changing facilities shall be
53 provided to assure privacy between the sexes.
- 54

- 1 o. Document and maintain a record of all solicitations of offers for subcontracts
2 from minority and female construction contractors and suppliers, including
3 circulation of solicitations to minority and female contractor associations and
4 other business associations.
5
6 p. Conduct a review, at least annually, of all supervisors' adherence to and
7 performance under the Contractor's EEO policies and affirmative action
8 obligations.
9

- 10 8. Contractors are encouraged to participate in voluntary associations which assist in
11 fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts
12 of a contractor association, joint contractor-union, contractor-community, or other
13 similar group of which the Contractor is a member and participant, may be asserted as
14 fulfilling any one or more of the obligations under 7a through 7p of this Special
15 Provision provided that the Contractor actively participates in the group, makes every
16 effort to assure that the group has a positive impact on the employment of minorities
17 and women in the industry, ensure that the concrete benefits of the program are
18 reflected in the Contractor's minority and female work-force participation, makes a
19 good faith effort to meet its individual goals and timetables, and can provide access to
20 documentation which demonstrate the effectiveness of actions taken on behalf of the
21 Contractor. The obligation to comply, however, is the Contractor's and failure of such a
22 group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
23
24 9. A single goal for minorities and a separate single goal for women have been
25 established. The Contractor, however, is required to provide equal employment
26 opportunity and to take affirmative action for all minority groups, both male and female,
27 and all women, both minority and non-minority. Consequently, the Contractor may be
28 in violation of the Executive Order if a particular group is employed in substantially
29 disparate manner (for example, even though the Contractor has achieved its goals for
30 women generally, the Contractor may be in violation of the Executive Order if a specific
31 minority group of women is underutilized).
32
33 10. The Contractor shall not use the goals and timetables or affirmative action standards to
34 discriminate against any person because of race, color, religion, sex, or national origin.
35
36 11. The Contractor shall not enter into any subcontract with any person or firm debarred
37 from Government contracts pursuant to Executive Order 11246.
38
39 12. The Contractor shall carry out such sanctions and penalties for violation of these
40 specifications and of the Equal Opportunity Clause, including suspensions,
41 terminations and cancellations of existing subcontracts as may be imposed or ordered
42 pursuant to Executive Order 11246, as amended, and its implementing regulations by
43 the Office of Federal Contract Compliance Programs. Any Contractor who fails to
44 carry out such sanctions and penalties shall be in violation of these specifications and
45 Executive Order 11246, as amended.
46
47 13. The Contractor, in fulfilling its obligations under these specifications, shall implement
48 specific affirmative action steps, at least as extensive as those standards prescribed in
49 paragraph 7 of this Special Provision, so as to achieve maximum results from its
50 efforts to ensure equal employment opportunity. If the Contractor fails to comply with
51 the requirements of the Executive Order, the implementing regulations, or these
52 specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
53

1 14. The Contractor shall designate a responsible official to monitor all employment related
2 activity to ensure that the company EEO policy is being carried out, to submit reports
3 relating to the provisions hereof as may be required by the government and to keep
4 records. Records shall at least include, for each employee, their name, address,
5 telephone numbers, construction trade, union affiliation if any, employee identification
6 number when assigned, social security number, race, sex, status (e.g., mechanic,
7 apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per
8 week in the indicated trade, rate of pay, and locations at which the work was
9 performed. Records shall be maintained in an easily understandable and retrievable
10 form; however, to the degree that existing records satisfy this requirement, the
11 Contractors will not be required to maintain separate records.
12

13 15. Nothing herein provided shall be construed as a limitation upon the application of other
14 laws which establish different standards of compliance or upon the application of
15 requirements for the hiring of local or other area residents (e.g., those under the Public
16 Works Employment Act of 1977 and the Community Development Block Grant
17 Program).
18

19 16. Additional assistance for Federal Construction Contractors on contracts administered
20 by Washington State Department of Transportation or by Local Agencies may be found
21 at:
22

23 Washington State Dept. of Transportation
24 Office of Equal Opportunity
25 PO Box 47314
26 310 Maple Park Ave. SE
27 Olympia WA
28 98504-7314
29 Ph: 360-705-7090
30 Fax: 360-705-6801
31 <http://www.wsdot.wa.gov/equalopportunity/default.htm>
32

33 Supplement this section with the following:
34

35 **DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (NO GOAL)**

36 The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and
37 USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract. As such,
38 the requirements of this Contract are to make affirmative efforts to solicit DBEs, provide
39 information on who submitted a Bid or quote and to report DBE participation monthly as
40 described elsewhere in these Contract Provisions. No preference will be included in the
41 evaluation of Bids/Proposals, no minimum level of DBE participation shall be required as a
42 Condition of Award and Bids/Proposals may not be rejected or considered non-responsive
43 on that basis.
44

45 **DBE Abbreviations and Definitions**

46 **Broker** – A business firm that provides a bona fide service, such as professional,
47 technical, consultant or managerial services and assistance in the procurement of
48 essential personnel, facilities, equipment, materials, or supplies required for the
49 performance of the Contract; or, persons/companies who arrange or expedite
50 transactions.
51

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

5 **Commercially Useful Function (CUF)**

6 49 CFR 26.55(c)(1) defines commercially useful function as: “A DBE performs a
7 commercially useful function when it is responsible for execution of the work of the
8 contract and is carrying out its responsibilities by actually performing, managing,
9 and supervising the work involved. To perform a commercially useful function, the
10 DBE must also be responsible, with respect to materials and supplies used on the
11 contract, for negotiating price, determining quality and quantity, ordering the
12 material, and installing (where applicable) and paying for the material itself. To
13 determine whether a DBE is performing a commercially useful function, you must
14 evaluate the amount of work subcontracted, industry practices, whether the
15 amount the firm is to be paid under the contract is commensurate with the work it
16 is actually performing and the DBE credit claimed for its performance of the work,
17 and other relevant factors.”
18

19 **Contract**

20 Per 49 CFR 26, a contract is a legally binding relationship obligating a seller to
21 furnish supplies or services (including, but not limited to, construction and
22 professional services) and the buyer to pay for them. For purposes of this part, a
23 lease is considered to be a contract.
24

25 **DBE Directory of Certified Firms** – A publication listing all Minority, Women, and
26 Disadvantaged Business Enterprises currently certified by the Washington State
27 Office of Minority and Women’s Business Enterprises (OMWBE). The on-line
28 Directory is available to contractors for their use in identifying and soliciting
29 interest from DBE firms whose participation on a contract may be credited.
30 Attention must also be given to OMWBE’s Suspension List.
31

32 **Description of Work** – Specific descriptions of work that the DBE is certified to
33 perform, as identified in the OMWBE Directory of Certified Firms, under the DBE’s
34 profile page.
35

36 **Manufacturer (DBE)** – A DBE firm that operates or maintains a factory or
37 establishment that produces on the premises the materials, supplies, articles, or
38 equipment required under the Contract. A DBE Manufacturer shall produce
39 finished goods or products from raw or unfinished material or purchase and
40 substantially alters goods and materials to make them suitable for construction
41 use before reselling them.
42

43 **Regular Dealer (DBE)** – A DBE firm that owns, operates, or maintains a store,
44 warehouse, or other establishment in which the materials or supplies required for
45 the performance of a Contract are bought, kept in stock, and regularly sold to the
46 public in the usual course of business. To be a Regular Dealer, the DBE firm shall
47 engage in, as its principal business and in its own name, the purchase and sale of
48 the products in question. A Regular Dealer in such items as steel, cement, gravel,
49 stone, and petroleum products need not keep such products in stock if it owns or
50 operates distribution equipment. Brokers, manufacturers’ representatives,
51 packagers or other persons who arrange or expedite transactions shall not be
52 regarded as Regular Dealers within the meaning of this definition.
53

1 **DBE Goals**

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

3
4 **Affirmative Efforts to Solicit DBE Participation**

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

10
11 Contractors are encouraged to:

- 12
13 1. Advertise opportunities for Subcontractors or suppliers in a timely and
14 reasonably designed manner to provide notice of the opportunity to DBEs
15 capable of performing the Work. All advertisements should include a Contract
16 Provision encouraging participation by DBE firms. This may be accomplished
17 through general advertisements (e.g. newspapers, journals, etc.) or by
18 soliciting Bids/Proposals directly from DBEs.

19
20 Note: A Directory of Certified DBE Firms denoting the Description of Work
21 the DBE Contractors are certified to perform is available at:

22
23 <http://www.omwbe.wa.gov/directory-of-certified-firms>

24
25 Attention must also be given to OMWBE's Suspension List.

- 26
27 2. Establish delivery schedules that encourage participation by DBEs and other
28 small businesses.
29
30 3. Participate with a DBE as a joint venture.

31
32 **DBE Eligibility/Selection of DBEs for Reporting Purposes Only**

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

36
37 Absent a mandatory goal, all DBE participation that is attained on this project will be
38 considered as "race neutral" participation and shall be reported as such.

39
40 DBE participation cannot be counted as race-neutral until the amount being counted
41 has actually been paid to the DBE for work performed on the contract. In addition,
42 DBE participation cannot be counted if the DBE is temporarily suspended (see
43 OMWBE's Directory webpage).

44
45 **Crediting DBE Participation for Reporting Purposes**

46 **DBE Prime Contractor**

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

50
51 **DBE Subcontractor**

52 Only that portion of the total dollar value of the subcontract equal to the distinct,
53 clearly defined portion of the Work that the DBE performs with its own forces.

1 Include the cost of supplies and materials obtained by the DBE for its work on the
2 contract, and equipment leased by the DBE.
3

4 DBEs may lease equipment from non-DBE firms (except from the prime contractor
5 or its affiliates). DBE credit will not be given in instances where the equipment
6 lease includes the operator. The DBE is expected to operate the equipment used
7 in the performance of its work under the contract, with its own forces. Formal
8 lease agreements are required and should be on a long-term basis. Equipment
9 leased by the DBE on an ad-hoc basis requires contracting agency approval.
10 Situations where equipment is leased and used by the DBE, but payment is
11 deducted from the Contractor's payment to the DBE is not allowed.
12

13 The supplies, materials, and equipment purchased or leased from the Contractor
14 or its affiliates shall not be credited (including any Contractor's resources made
15 available to DBE subcontractors at no cost).
16

17 If a DBE subcontracts a portion of the Work of its contract to another firm, the
18 value of the subcontracted Work may be credited only if the DBE's Lower-Tier
19 Subcontractor is also a DBE. Work subcontracted to a non-DBE shall not be
20 credited.
21

22 Count expenditures toward race/gender-neutral participation only if the DBE is
23 performing a CUF on the contract.
24

25 **DBE Subcontract and Lower Tier Subcontract Documents**

26 There must be a subcontract agreement that complies with 49 CFR Part 26 and
27 fully describes the distinct elements of Work committed to be performed by the
28 DBE. The subcontract agreement shall incorporate requirements of the primary
29 Contract. Subcontract agreements of all tiers, including lease agreements shall be
30 readily available at the project site for the Engineer review.
31

32 **DBE Broker/Packager**

33 The value of fees or commissions charged by a DBE Broker or a DBE behaving in
34 a manner of a Broker for providing a bona fide service, such as professional,
35 technical, consultant, managerial services, or for providing bonds or insurance
36 specifically required for the performance of the contract will only be credited if the
37 fee/commission is determined to be reasonable, and the firm is determined to be
38 performing a CUF.
39

40 **Flagging**

41 If the DBE firm is being utilized in the capacity of "Flagging" only, the contractor
42 may take credit when the DBE firm provides a Traffic Control Supervisor (TCS)
43 and flagger, which are under the direct control of the DBE. The DBE firm will also
44 provide all flagging equipment (e.g. paddles, hard hats, and vests).
45

46 If the DBE firm is being utilized in the capacity of "Traffic Control Services", the
47 contractor may take credit when the DBE firm provides a TCS, flaggers, and traffic
48 control items (e.g. cones, barrels, signs, etc.) and be in total control of all items in
49 implementing the traffic control for the project. If the DBE firm utilizes the
50 Contractor's equipment, such as Transportable Attenuators and Portable
51 Changeable Message Signs (PCMS) no credit can be taken for supplying and
52 operating the items.
53

1 **Trucking**

2 The DBE trucking firm must own and operate at least one licensed, insured and
3 operational truck on the contract. The DBE receives credit for the value of the
4 transportation services it provides on the Contract using trucks it owns, licenses,
5 insures, and operates with drivers it employs.

6
7 The DBE may lease trucks from another DBE firm. The Work that a DBE trucking
8 firm performs with trucks it leases from other certified DBE trucking firms qualify
9 for 100% DBE credit.

10
11 The DBE may lease trucks from a non-DBE truck leasing company, but can only
12 receive DBE credit for the value of the hauling services if the DBE uses its own
13 employees as drivers.

14
15 The trucking Work subcontracted to any non-DBE trucking firm will not receive
16 credit for Work done on the project.

17
18 Truck registration and lease agreements shall be readily available at the project
19 site for the Engineer review.

20
21 DBE participation of trucking firms can only be applied to the value of the hauling
22 services, not for the materials being hauled (unless the trucking firm is also
23 certified as a supplier). In situations where the DBE's work is priced per ton, the
24 value of hauling must be calculated separately from the value of the materials in
25 order to determine DBE credit for hauling.

26
27 **DBE Manufacturer and DBE Regular Dealer**

28 If materials or supplies are obtained from a DBE Manufacturer, 100 percent of the
29 cost of materials or supplies can be credited. The DBE Manufacturer shall be
30 certified as such by OMWBE.

31
32 Sixty percent (60%) of the cost of materials or supplies purchased from a DBE
33 Regular Dealer may be credited. If the role of the DBE Regular Dealer is
34 determined to be that of a pass-through, then no DBE credit will be given for its
35 services. Regular Dealer status and the amount of credit is determined on a
36 Contract-by-Contract basis.

37
38 A firm wishing to be approved as a Regular Dealer for a specific project must
39 submit a request in writing to WSDOT for approval, no later than ten working days
40 prior to Bid opening. The Approved Regular Dealers List is published on
41 WSDOT's Office of Equal Opportunity (OEO) web site.

42
43 Purchase of materials or supplies from a DBE which is neither a manufacturer nor
44 a regular dealer, (i.e. Broker) only the fees or commissions charged for assistance
45 in the procurement of the materials and supplies, or fees or transportation charges
46 for the delivery of materials or supplies required on a job site, can be credited,
47 provided the fees are not excessive as compared with fees customarily allowed
48 for similar services. The cost of the materials and supplies themselves cannot be
49 counted toward the DBE participation.

50
51 Note: Requests to be listed as a Regular Dealer will only be processed if the
52 requesting firm is certified by the Office of Minority and Women's
53 Business Enterprises in a NAICS code that fall within the 42XXXX NAICS
54 Wholesale code section.

1
2 **Procedures Between Award and Execution**

3 After Award and prior to Execution, the Contractor shall provide the additional
4 information described below. Failure to comply shall result in the forfeiture of the
5 Bidder's Proposal bond or deposit.
6

- 7 1. A list of all firms who submitted a bid or quote in attempt to participate in this
8 project whether they were successful or not. Include the business name and
9 mailing address.

10
11 Note: The firms identified by the Contractor may be contacted by the
12 Contracting Agency to solicit general information as follows: age
13 of the firm and average of its gross annual receipts over the past
14 three-years.
15

16 **Procedures After Execution**

17 **Commercially Useful Function (CUF)**

18 The Contractor may only take credit for the payments made for Work performed
19 by a DBE that is determined to be performing a CUF. This applies to all DBEs
20 performing Work on a project. The Engineer will conduct CUF reviews to ascertain
21 whether DBEs are performing a CUF. A DBE performs a CUF when it is carrying
22 out its responsibilities of its contract by actually performing, managing, and
23 supervising the Work involved. The DBE must be responsible for negotiating
24 price; determining quality and quantity; ordering the material and installing (where
25 applicable); and paying for the material itself. If a DBE does not perform "all" of
26 these functions on a furnish-and-install contract, it has not performed a CUF and
27 the cost of materials cannot be credited toward race/gender-neutral participation.
28 Leasing of equipment from a leasing company is allowed. However,
29 leasing/purchasing equipment from the Contractor is not allowed. Lease
30 agreements shall be readily available for review by the Engineer.
31

32 In order for a DBE traffic control company to be considered to be performing a
33 CUF, the DBE must be in control of its work inclusive of supervision. The DBE
34 shall employ a Traffic Control Supervisor who is directly involved in the
35 management and supervision of the traffic control employees and services.
36

37 The DBE does not perform a CUF if its role is limited to that of an extra participant
38 in a transaction, contract, or project through which the funds are passed in order
39 to obtain the appearance of DBE participation.
40

41 The Engineer will use the following factors in determining whether a DBE trucking
42 company is performing a CUF:
43

- 44 • The DBE shall be responsible for the management and supervision of
45 the entire trucking operation. The owner demonstrates business related
46 knowledge, shows up on site and is active in running the business.
47
48 • The DBE finances are independently controlled by the DBE.
49
50 • The DBE shall with its own workforce, operate at least one fully licensed,
51 insured, and operational truck used on the Contract. Employees are
52 shown exclusively on the DBE payroll.
53

- The DBE may lease trucks without drivers from a non-DBE truck leasing company. If the DBE leases trucks from a non-DBE truck leasing company and uses its own employees as drivers, it is entitled to credit for the total value of these hauling services.
- Lease agreements for trucks shall indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others provided it is with the consent of the DBE and the lease provides the DBE absolute priority for use of the leased truck.
- Leased trucks shall display the name and identification number of the DBE.
- Leased trucks shall be driven by DBE employees included in the DBE's payroll.

The DBE may lease trucks from another DBE including a DBE owner-operator. The DBE who leases trucks from another DBE shall claim participation for the total value of the transportation services the lessee DBE provides on the Contract.

Joint Checking

A joint check is a two-party check between a DBE, a prime contractor and the supplier of material/supplies. The check is issued by the Contractor as payor to the DBE Subcontractor and the material supplier jointly (to guarantee payment to the supplier) 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 signed by all parties involved must be requested using the DBE Joint Check Request Form (# 272-053). The Joint Check Request Form and the Joint Check Agreement Form must be submitted and approved by the Engineer prior to its use.

The approval to use joint checks and the use will be closely monitored by the Engineer. To receive DBE credit for performing a CUF with respect to obtaining materials and supplies, a DBE must "be responsible for negotiating price, determining quality and quantity, ordering the material and installing (where applicable) and paying for the material itself."

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

Prompt Payment

Refer to Section 1-08.1 for Prompt Payment requirements associated with this contract.

Reporting

All certified DBE Work whether COA or race neutral participation is reported. The Contractor shall submit a Monthly Report of Amounts Credited as DBE Participation (form #422-103) to the Project Engineer each month, regardless of whether payments were made or Work occurred, between Execution of the Contract and the final amounts paid to DBE contractor or Completion of the Contract.

1
2 In the event that the payments to a DBE contractor have been made by an entity
3 other than the Contractor, as in the case of a lower-tier Subcontractor or supplier,
4 then the Contractor shall obtain evidence of payments from the paying entity and
5 report these payments to the Engineer as described above on form #422-103.
6 The monthly report is due 20 calendar days following the end of the month.
7

8 **Consequences of Non-Compliance**

9 Each contract with a Contractor (and each subcontract the Contractor signs with a
10 Subcontractor) must include the following assurance clause:
11

12 The Contractor, subrecipient, or Subcontractor shall not discriminate on the basis
13 of race, color, national origin, or sex in the performance of this contract. The
14 Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award
15 and administration of DOT-assisted contracts. Failure by the Contractor to carry
16 out these requirements is a material breach of this contract, which may result in
17 the termination of this contract or such other remedy as the recipient deems
18 appropriate, which may include, but is not limited to:
19

- 20 (1) Withholding monthly progress payments;
- 21 (2) Assessing sanctions;
- 22 (3) Liquidated damages; and/or
- 23 (4) Disqualifying the Contractor from future bidding as non-responsible.
24
25
26
27

28 **Payment**

29 Compensation for all costs involved with complying with the conditions of this
30 Specification and any other associated DBE requirements is included in payment
31 for the associated Contract items of Work, except otherwise provided in the
32 Specifications.
33

34 ***Small Business Enterprise Participation***

35 The Small Business Enterprise (SBE) Program is an element of the Disadvantaged
36 Business Enterprise (DBE) Program in accordance with the requirements of 49 CFR Part
37 26.39. As such, the requirements of this contract establish affirmative efforts to utilize SBE
38 certified firms on construction projects. No preference will be included in the evaluation of
39 Bids/Proposals. No minimum level of SBE participation shall be required as a Condition of
40 Award and Bids/Proposals may not be rejected or considered non-responsive on that basis.
41

42 **Voluntary SBE Goals**

43 A voluntary goal amount of ten percent of the Contract bid amount is established.
44

45 The goal is voluntary, but achievement of the goal is encouraged. No preference will
46 be included in the evaluation of bids/proposals. Bidders may contact the Washington
47 State Office of Minority and Women's Business Enterprises (OMWBE) at 360-664-
48 9750 or visit www.omwbe.wa.gov to obtain information on certified SBE firms.
49

50 **Required SBE Participation Plan**

51 The Contractor shall submit a SBE Participation Plan prior to commencing contract
52 work. Although the goal is voluntary, the outreach efforts to provide SBE maximum
53 practicable opportunities are not.
54

1 For SBE Participation Plan Drafting Guidelines, please visit:

2
3 www.wsdot.wa.gov/equalopportunity

4
5 **Definitions**

6 Regardless of race or gender, a SBE is one certified by OMWBE as such, where the
7 firm's:

- 8
9
 - 10 • Three year averaged gross receipts are less than \$22.41 million dollars, with
11 smaller industry standards applicable
 - 12 • Is at least 51% owned and controlled by an individual or individuals with a
13 personal net worth less than \$1.32 million dollars
 - 14 • A Micro Small Business Enterprise is a firm certified as an SBE with average
15 gross receipts for three years less than one million dollars

16
17

18 **Federal Agency Inspection**

19 Section 1-07.12 is supplemented with the following:

20
21 **(January 25, 2016)**

22 **Required Federal Aid Provisions**

23
24 The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised
25 May 1, 2012 and the amendments thereto supersede any conflicting provisions of the Standard
26 Specifications and are made a part of this Contract; provided, however, that if any of the
27 provisions of FHWA 1273, as amended, are less restrictive than Washington State Law, then
28 the Washington State Law shall prevail.

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

38 **1-07.13 Contractor's Responsibility for Work**

39
40 **1-07.13(4) Repair of Damage**

41
42 Section 1-07.13(4) is revised to read:

43
44 (August 6, 2001)

45 The Contractor shall promptly repair all damage to either temporary or permanent work
46 as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1),
47 1-07.13(2), or 1-07.13(3), payment will be made in accordance with Section 1-04.4.

1 Payment will be limited to repair of damaged work only. No payment will be made for
2 delay or disruption of work.
3
4

5 **Protection and Restoration of Property**

6 Section 1-07.16 is supplemented with the following:
7

8 (*****)

9 **Notification**

10 The Contractor shall distribute a special notice to each project resident before
11 beginning work. Project resident means any person, company, or public agency
12 having a driveway inside the project limits, within one mile of the project limits, or
13 having a driveway or access on a dead-end road within the project limits. The
14 special notice shall contain the following information and statements:
15

- 16 • Date of the notice.
- 17 • Project name, termini, and a description of the major phases of the work.
- 18 • Name of Contractor, Contractor's representative and 24 hour phone
19 number.
- 20 • Scheduled project start and completion dates.
- 21 • Available detour routes.
- 22 • One-way traffic will be maintained during each working day.
- 23 • Two-way traffic will be restored at the end of each working day.
- 24 • All plants, trees, shrubs, gardens, sprinklers or structures within the limits
25 of construction will be removed. Residents are to be advised to remove
26 such property before work begins.
- 27 • Driveways will be restored to useable conditions at the end of each
28 working day, without exception.
- 29 • Mail service interruptions or relocations. Statement that the Contractor will
30 remove, temporarily relocate, and eventually reinstall mail receptacles.
31 Statement that mailboxes, posts, etc., damaged by the Contractor will be
32 replaced and installed at no charge to the resident.
- 33 • Possible problems with power, telephone, potable water, sewer, irrigation
34 supply relocations and/or interruptions, if any.
- 35 • Temporary fencing requirements for livestock, if any.
- 36 • Residents are responsible for driveway culvert maintenance.
- 37 • Request to irrigators to eliminate water on the roadway and in the borrow
38 ditches per Grant County Ordinance.

39
40 The Contractor must notify all affected Grant County agencies of the date and
41 anticipated length of all road closures, including school districts, fire districts,
42 Multi-Agency Communications Center (509) 762-1901, Sheriff's Dept. (509) 754-
43 2011, Emergency Management (509) 762-1462, and U.S. Postal Service offices.
44

45 The Contractor must place a "Notice of Road Construction" in the legal
46 newspaper of Grant County (Columbia Basin Herald). All notices must be
47 provided a minimum of three (3) working days prior to beginning work. The

1 County will not allow any work to be performed until the required notices are
2 made by the Contractor.

3
4 (*****)

5 **Payment**

6 The lump sum contract price for "Notification" shall be full compensation for all
7 labor, equipment, materials, and tools necessary to perform the work outlined in
8 this supplemental section.

9
10 **Utilities And Similar Facilities**

11 Section 1-07.17 is supplemented with the following:

12
13 (*****)

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

17
18 Public and private utilities, or their Contractors, will furnish all work necessary to
19 adjust, relocate, replace, or construct their facilities unless otherwise provided for
20 in the Plans or these Special Provisions. Such adjustment, relocation,
21 replacement, or construction will be done during the prosecution of the work for
22 this project.

23
24 The Contractor shall call the Utility Location Request Center (One Call Center),
25 for field location, not less than two nor more than ten business days before the
26 scheduled date for commencement of excavation which may affect underground
27 utility facilities, unless otherwise agreed upon by the parties involved. A business
28 day is defined as any day other than Saturday, Sunday, or a legal local, State, or
29 Federal holiday. The telephone number for the One Call Center for this project is
30 1-800-424-5555. If no one-number locator service is available, notice shall be
31 provided individually to those owners known to or suspected of having
32 underground facilities within the area of proposed excavation.

33
34 The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating
35 to underground utilities. Any cost to the Contractor incurred as a result of this
36 law shall be at the Contractor's expense.

37
38 No excavation shall begin until all known facilities, in the vicinity of the excavation
39 area, have been located and marked.

40
41 The Contractor can go to the following web site to find any changes to the
42 Washington dig law that took effect in 2013.

43 [http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-](http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-DigLaw.aspx)
44 [DigLaw.aspx](http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-DigLaw.aspx)

45
46 The following addresses and telephone numbers of utility companies and other
47 agencies known or suspected of having facilities within the project limits are
48 supplied for the Contractor's convenience:

- Grant County PUD
30 C Street SW,
Ephrata, WA 98823, (509) 754-3451

Public Liability and Property Damage Insurance

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

1-07.18 Insurance

(January 4, 2016 APWA GSP)

1-07.18(1) General Requirements

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.
- F. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.

1 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of
2 the Contract and no additional payment will be made.
3

4 **1-07.18(2) Additional Insured**
5

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

- 9 ▪ the Contracting Agency and its officers, elected officials, employees, agents, and
10 volunteers
11

12 The above-listed entities shall be additional insured(s) for the full available limits of liability
13 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor
14 are greater than those required by this Contract, and irrespective of whether the Certificate of
15 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those
16 maintained by the Contractor.
17

18 For Commercial General Liability insurance coverage, the required additional insured
19 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations
20 and CG 20 37 10 01 for completed operations.
21

22 **1-07.18(3) Subcontractors**
23

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

28 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in
29 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that
30 section as detailed in 1-07.18(2), using an endorsement as least as broad as ISO CG 20 10 10
31 01 for ongoing operations and CG 20 37 10 01 for completed operations.
32

33 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
34 Agency evidence of insurance and copies of the additional insured endorsements of each
35 Subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.
36

37 **1-07.18(4) Verification of Coverage**
38

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

45 Verification of coverage shall include:

- 46 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
- 47 2. Copies of all endorsements naming Contracting Agency and all other entities listed in
48 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit

1 a copy of any blanket additional insured clause from its policies instead of a separate
2 endorsement.

3 3. Any other amendatory endorsements to show the coverage required herein.

4 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these
5 requirements – actual endorsements must be submitted.
6

7 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
8 Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required
9 on this Project, a full and certified copy of that policy is required when the Contractor delivers
10 the signed Contract for the work.
11

12 **1-07.18(5) Coverages and Limits**

13 The insurance shall provide the minimum coverages and limits set forth below. Contractor's
14 maintenance of insurance, its scope of coverage, and limits as required herein shall not be
15 construed to limit the liability of the Contractor to the coverage provided by such insurance, or
16 otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.
17

18 All deductibles and self-insured retentions must be disclosed and are subject to approval by the
19 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured
20 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a
21 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-
22 insured retention shall be the responsibility of the Contractor.
23

24 **1-07.18(5)A Commercial General Liability**

25 Commercial General Liability insurance shall be written on coverage forms at least as broad as
26 ISO occurrence form CG 00 01, including but not limited to liability arising from premises,
27 operations, stop gap liability, independent contractors, products-completed operations, personal
28 and advertising injury, and liability assumed under an insured contract. There shall be no
29 exclusion for liability arising from explosion, collapse or underground property damage.
30

31 The Commercial General Liability insurance shall be endorsed to provide a per project general
32 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.
33

34 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's
35 completed operations for at least three years following Substantial Completion of the Work.
36

37 Such policy must provide the following minimum limits:

38 \$1,000,000 Each Occurrence

39 \$2,000,000 General Aggregate

40 \$2,000,000 Products & Completed Operations Aggregate

41 \$1,000,000 Personal & Advertising Injury each offence

42 \$1,000,000 Stop Gap / Employers' Liability each accident
43

44 **1-07.18(5)B Automobile Liability**

45 Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be
46 written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the
47 transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48
48 endorsements.
49

50 Such policy must provide the following minimum limit:

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

2
3 **1-07.18(5)C Workers' Compensation**

4 The Contractor shall comply with Workers' Compensation coverage as required by the Industrial
5 Insurance laws of the State of Washington.
6

7 **1-07.23 Public Convenience and Safety**

8 **Construction Under Traffic**

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

10
11 **(January 2, 2012)**

12 **Work Zone Clear Zone**

13
14 The Work Zone Clear Zone (WZCZ) applies during working and nonworking
15 hours. The WZCZ applies only to temporary roadside objects introduced by the
16 Contractor's operations and does not apply to preexisting conditions or
17 permanent Work. Those work operations that are actively in progress shall be in
18 accordance with adopted and approved Traffic Control Plans, and other contract
19 requirements.
20

21 During nonworking hours equipment or materials shall not be within the WZCZ
22 unless they are protected by permanent guardrail or temporary concrete barrier.
23 The use of temporary concrete barrier shall be permitted only if the Engineer
24 approves the installation and location.
25

26 During actual hours of work, unless protected as described above, only materials
27 absolutely necessary to construction shall be within the WZCZ and only
28 construction vehicles absolutely necessary to construction shall be allowed within
29 the WZCZ or allowed to stop or park on the shoulder of the roadway.
30

31 The Contractor's nonessential vehicles and employees private vehicles shall not
32 be permitted to park within the WZCZ at any time unless protected as described
33 above.
34

35 Deviation from the above requirements shall not occur unless the Contractor has
36 requested the deviation in writing and the Engineer has provided written
37 approval.
38

39 Minimum WZCZ distances are measured from the edge of traveled way and will
40 be determined as follows:
41

42	Regulatory	Distance from
43	<u>Posted Speed</u>	Traveled Way
44		<u>(Feet)</u>
45	35 mph or less	10 *
46	40 mph	15

1	45 to 55 mph	20
2	60 mph or greater	30
3	* or 2-feet beyond the outside edge of sidewalk	

4
5 **Minimum Work Zone Clear Zone Distance**

6
7 (*****)

8 **Payment**

9 No additional compensation will be paid to the Contractor for any cost or expense
10 incurred as a result of the requirements of this provision and all costs shall be
11 considered incidental to and included in other applicable contract items.
12

13 **1-08 Prosecution And Progress**

14 Add the following new section:

15
16
17 **1-08.0 Preliminary Matters**

18 (May 25, 2006 APWA GSP)

19
20 Add the following new section:

21
22 **1-08.0(1) Preconstruction Conference**

23 (October 10, 2008 APWA GSP)

24
25 Prior to the Contractor beginning the work, a preconstruction conference will be held
26 between the Contractor, the Engineer and such other interested parties as may be invited.

27 The purpose of the preconstruction conference will be:

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

36
37 The Contractor shall prepare and submit at the preconstruction conference the following:

- 38 1. A breakdown of all lump sum items;
39 2. A preliminary schedule of working drawing submittals; and
40 3. A list of material sources for approval if applicable.
41

42 Add the following new section:

43
44 **1-08.0(2) Hours of Work**

45 (December 8, 2014 APWA GSP)

46
47 Except in the case of emergency or unless otherwise approved by the Engineer, the normal
48 working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m.

1 and 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires
2 different than the normal working hours stated above, the request must be submitted in
3 writing prior to the preconstruction conference, subject to the provisions below. The working
4 hours for the Contract shall be established at or prior to the preconstruction conference.
5

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

8
9 If the Contractor wishes to deviate from the established working hours, the Contractor shall
10 submit a written request to the Engineer for consideration. This request shall state what
11 hours are being requested, and why. Requests shall be submitted for review no later than 3
12 Working Days prior to the day(s) the Contractor is requesting to change the hours.
13

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

- 16 1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting
17 Agency for the costs in excess of straight-time costs for Contracting Agency
18 representatives who worked during such times. (The Engineer may require
19 designated representatives to be present during the work. Representatives who may
20 be deemed necessary by the Engineer include, but are not limited to: survey crews;
21 personnel from the Contracting Agency's material testing lab; inspectors; and other
22 Contracting Agency employees or third party consultants when, in the opinion of the
23 Engineer, such work necessitates their presence.)
- 24 2. Considering the work performed on Saturdays, Sundays, and holidays as working
25 days with regard to the contract time.
- 26 3. Considering multiple work shifts as multiple working days with respect to contract
27 time even though the multiple shifts occur in a single 24-hour period.
- 28 4. If a 4-10 work schedule is requested and approved the non working day for the week
29 will be charged as a working day.
- 30 5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and
31 recorded properly on certified payroll
32

33 **1-08.1 Subcontracting**

34 *(August 24, 2016 APWA GSP)*

35
36 Delete the eighth paragraph and replace it with the following:
37

38 On all projects funded with federal assistance the Contractor shall submit "Monthly
39 Report of Amounts Credited as DBE Participation" (form 422-103 EF) on a monthly
40 basis, in which DBE Work is accomplished, for every month in which the Contract is
41 active or upon completion of the project, as appropriate. The monthly reports are
42 due on the 20th of the month following the end of the previous month.
43

44
45 Section 1-08.1 is supplemented with the following:
46

47 *(October 12, 1998)*

1 Prior to any subcontractor or agent beginning work, the Contractor shall submit to the
2 Engineer a certification (WSDOT Form 420-004) that a written agreement between the
3 Contractor and the subcontractor or between the subcontractor and any lower tier
4 subcontractor has been executed. This certification shall also guarantee that these
5 subcontract agreements include all the documents required by the Special Provision
6 Federal Agency Inspection.
7

8 A subcontractor or lower tier subcontractor will not be permitted to perform any work
9 under the contract until the following documents have been completed and submitted to
10 the Engineer:
11

- 12 1. Request to Sublet Work (Form 421-012), and
- 13 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification
14 for Federal-aid Projects (Form 420-004).
15

16 The Contractor's records pertaining to the requirements of this Special Provision shall be
17 open to inspection or audit by representatives of the Contracting Agency during the life
18 of the contract and for a period of not less than three years after the date of acceptance
19 of the contract. The Contractor shall retain these records for that period. The Contractor
20 shall also guarantee that these records of all subcontractors and lower tier
21 subcontractors shall be available and open to similar inspection or audit for the same
22 time period.
23

24 **1-08.4 Prosecution Of Work**

25 The first sentence of Section 1-08.4 is revised to read:
26

27 (*****)

28 The Contractor shall begin work on March 6, 2017, unless otherwise approved by
29 the Engineer.
30

31 **1-08.5 Time For Completion**

32 The third paragraph of Section 1-08.5 is revised to read:
33

34 (*****)

35 Contract time shall begin on the first working day. The first working day shall be
36 March 6, 2017, unless otherwise approved by the Engineer.
37

38 Section 1-08.5 is supplemented with the following:
39

40 (March 13, 1995)

41 This project shall be physically completed within **120 working days**.
42

43 **1-09 Measurement And Payment**

44 **April 4, 2016**
45

46 ***Retainage***

47 Section 1-09.9(1) content and title is deleted and replaced with the following:
48

49 (June 27, 2011)

1 Vacant

2
3 **Disputes and Claims**

4
5 **1-09.11(3) Time Limitation and Jurisdiction**

6 *(July 23, 2015 APWA GSP)*

7
8 Revise this section to read:

9
10 For the convenience of the parties to the Contract it is mutually agreed by the parties that
11 any claims or causes of action which the Contractor has against the Contracting Agency
12 arising from the Contract shall be brought within 180 calendar days from the date of final
13 acceptance (Section 1-05.12) of the Contract by the Contracting Agency; and it is further
14 agreed that any such claims or causes of action shall be brought only in the Superior Court
15 of the county where the Contracting Agency headquarters is located, provided that where
16 an action is asserted against a county, RCW 36.01.05 shall control venue and jurisdiction.
17 The parties understand and agree that the Contractor's failure to bring suit within the time
18 period provided, shall be a complete bar to any such claims or causes of action. It is further
19 mutually agreed by the parties that when any claims or causes of action which the
20 Contractor asserts against the Contracting Agency arising from the Contract are filed with
21 the Contracting Agency or initiated in court, the Contractor shall permit the Contracting
22 Agency to have timely access to any records deemed necessary by the Contracting Agency
23 to assist in evaluating the claims or action.

24 **1-09.13 Claims Resolution**

25
26 **1-09.13(3) Claims \$250,000 or Less**

27 *(October 1, 2005 APWA GSP)*

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

30
31 The Contractor and the Contracting Agency mutually agree that those claims that total
32 \$250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by
33 nonbinding ADR processes, shall be resolved through litigation unless the parties mutually
34 agree in writing to resolve the claim through binding arbitration.

35
36 **1-09.13(3)A Administration of Arbitration**

37 *(July 23, 2015 APWA GSP)*

38
39 Revise the third paragraph to read:

40
41 The Contracting Agency and the Contractor mutually agree to be bound by the decision of
42 the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in
43 the Superior Court of the county in which the Contracting Agency's headquarters is located,
44 provided that where claims subject to arbitration are asserted against a county, RCW
45 36.01.05 shall control venue and jurisdiction of the Superior Court. The decision of the
46 arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use
47 the Contract as a basis for decisions.

1 **1-10 Temporary Traffic Control**

2

3 **1-10.2 Traffic Control Management**

4

5 **General**

6

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

8

9 (January 8, 2016)

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

13

14 The Northwest Laborers-Employers Training Trust
15 27055 Ohio Ave.
16 Kingston, WA 98346
17 (360) 297-3035

18

19 Evergreen Safety Council
20 12545 135th Ave.
21 NE Kirkland, WA 98034-8709
22 1-800-521-0778 or (425) 814-3930

23

24 The American Traffic Safety Services Association
25 15 Riverside Parkway, Suite 100
26 Fredericksburg, Virginia 22406-1022
27 Training Dept. Toll Free (877) 642-4637
28 Phone: (540) 368-1701

29

30 **1-10.2(2) Traffic Control Plans**

31 Section 1-10.2(2) is supplemented with the following:

32

33 (*****)

34 The County has provided the Traffic Control Plan(s) for this project and said
35 plan(s) are included in these specifications and is made part of this contract.

36

37 The work contemplated in this contract will require the Contractor to take special
38 precautions in implementing safe traffic control procedures in accordance with
39 the MUTCD. The Contractor's attention is directed to WAC 296-155-305 as it
40 relates to signing, signaling and flaggers. All questions concerning new
41 standards should be directed to the Wash. State Dept. of Labor and Industries.

42

43 One-way traffic must be kept open during work hours and two-way traffic
44 restored at the end of each working day for local traffic. Access to County road
45 intersections, local farms and residences shall be kept open at all times.

46

47 **Traffic Control Labor, Procedures and Devices**

48

49 **1-10.3(3) Traffic Control Devices**

1
2 **1-10.3(3)A Construction Signs**

3 Section 1-10.3(3)A is supplemented with the following:

4 (*****)

5 The required Class A signs will be available to the Contractor at the Grant
6 County Sign Shop, 124 Enterprise St. SE, Ephrata, WA, (509) 754-6082, on
7 normal work days. The Contractor shall make arrangements with the Engineer at
8 least five working days prior to picking up the signs. The Contractor shall sign an
9 itemized receipt at the time of acquisition.

10
11 Signs shall be returned to Grant County Sign Shop by the Contractor when their
12 need has ceased as determined by the Engineer. The value of signs furnished
13 by the Contracting Agency to the Contractor is fixed at \$10.00 per square foot.
14 The value of such signs which are damaged or not returned as provided in
15 Sections 1-10.1 and 1-10.3(3)A will be deducted from payment due or to become
16 due the Contractor.

17
18 **Wood Sign Posts**

19 Use the charts below to determine post size for Class A construction
20 signs.

21
22 **One Post Installation**

<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
4x4	-	16.0
4x6	17.0	20.0
6x6	21.0	25.0
6x8	26.0	31.0

23
24
25
26
27
28
29
30 **Two Post Installation**
31 (For signs 5 feet or greater in width)

<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
4x4	-	16.0
4x6	17.0	36.0
6x6	37.0	46.0
6x8	47.0	75.0 *

32
33
34
35
36
37
38
39 * The Engineer will determine the post size for signs greater than
40 75 square feet.

41
42 **1-10.3(3)D Barricades**

43 Section 1-10.3(3)D is supplemented with the following:

44 (*****)
45

1 The barricades, provided by the contractor, shall be Type III and constructed in
2 accordance with the details shown in the MUTCD and the Standard Plans. The
3 barricade width shall be eight (8) feet.
4

5 As may be indicated in the Construction Sign Plan, Traffic Control Plan(s), or the
6 Contract Provisions, the Contractor may be required to install signs, warning
7 lights, or both, on barricades.
8

9 **1-10.4 Measurement**

10 **1-10.4(1) Lump Sum Bid for Project (No Unit Items)**

11
12 Section 1-10.4(1) is supplemented with the following:
13

14 (August 2, 2004)

15 The proposal contains the item "Project Temporary Traffic Control", lump sum.
16 The provisions of Section 1-10.4(1) shall apply.
17

18 **1-10.5 Payment**

19 Section 1-10.5(1) is supplemented with the following:
20

21 (*****)

22 The lump sum contract price for "Project Temporary Traffic Control" shall include
23 all costs incurred by the Contractor in placing and maintaining Class A
24 Construction signs furnished by the County and in furnishing, placing, and
25 maintaining traffic control devices including Class B signs, traffic control vehicles,
26 traffic control supervisor, traffic control labor including flaggers, two-way radios,
27 eight (8) foot wide Type III barricades, flashers, posts for signs and other
28 equipment and materials in accordance with the Construction Sign Plan, Traffic
29 Control Plan(s) and Section 1-10 of the Standard Specifications. Progress
30 payment for the lump sum item "Project Temporary Traffic Control" will be made
31 as follows:
32

- 33 1. When the initial Class A signs are installed, fifty (50) percent of the
34 amount bid for the item will be paid.
- 35 2. Payment for the remaining fifty (50) percent of the amount bid for the
36 item will be paid on a prorated basis in accordance with the total job
37 progress as determined by progress payments.
38
39

40 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

41 **8-21 Permanent Signing** 42 43

1 **8-21.2 Material**

2
3 Section 8-21.2 is supplemented with the following:

4
5 (*****)

6 All signs shall have High-intensity prismatic retroreflective sheeting.

7
8 **8-21.3(2) Construction Requirements**

9
10 Section 8-21.3(2) is supplemented with the following:

11
12 (*****)

13 Where detailed in the plans and staked by the Engineer, sign posts shall be installed in
14 accordance with the applicable WSDOT Standard Plans. The Contractor shall verify
15 ground conditions for each new sign location as staked by the Engineer.

16
17 The Contractor shall call in locates in advance of any excavation work per applicable
18 State Laws; at least 2 business days in advance. 1-800-424-5555. Any delay(s) to the
19 project stemming from failure to properly arrange locates shall be the responsibility of
20 the Contractor.

21
22 All existing signs and hardware removed during the project shall be salvaged in the
23 best condition possible and delivered to the Grant County Sign Shop, 124 Enterprise
24 St. SE, Ephrata, WA, Monday through Friday, between the hours of 7:00AM and
25 3:00PM.

26
27 Existing posts removed during the project shall become the property of the Contractor.

28
29 All sign post lengths shall be determined by the Contractor and approved by the
30 Engineer prior to installation.

31
32 **8-21.4 Measurement**

33
34 Section 8-21.4 is supplemented with the following:

35
36 (*****)

37 Removal and installation of permanent signs will be measured by the unit per each.

38
39 **8-21.5 Payment**

40
41 Section 8-21.5 is supplemented with the following:

42
43 (*****)

44 Payment will be made in accordance with Section 1-04.1, for each of the following bid
45 items that are included in the Proposal:

46
47 "Remove Existing Warning Sign & Post", per each.

48 "30" Warning Sign with Steel Sign Support Type ST-2", per each.

49 "W1-6, Large Arrow 48"x24" with Steel Sign Support Type ST-2", per each.

50 "W1-7, Double Large Arrow 48"x24" with Steel Sign Support Type ST-2", per
51 each.

52 "W1-8, Chevron 18"x24" with Steel Sign Support Type ST-2 ", per each.

53 "W13-1P Speed Plaque", per each.

1
2
3
4
5
6
7
8
9
10
11

The unit contract price per each shall be full pay to complete the work as specified by the contract and as staked by the Engineer.

STANDARD PLANS
(August 1, 2016)

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 16-048, effective August 1, 2016 is made a part of this contract.

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

PROPOSAL

To: Board of County Commissioners
Grant County, Washington

Date: _____, 2016

This certifies that the undersigned has examined the location of **2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-11, in Grant County, Washington**, and that the plans, specifications and contract governing the work embraced in the 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 said plans, specifications and contract and at the following schedule of rates and prices.

2015 County Road Safety, Horizontal Curve Signs (Various County Roads)

Note: Unit prices for all items, all extensions, and total amount must be shown. Please type or use ink. Please initial all changes.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
PREPARATION				
1	1 Lump Sum	Mobilization	At ////////.//// Per Lump Sum	.
2	1 Lump Sum	Notification	At ////////.//// Per Lump Sum	.
TRAFFIC				
3	228 Each	Remove Existing Warning Sign & Post	At . . Per Each	.
4	350 Each	30" Warning Sign with Steel Sign Support Type ST-2	At . . Per Each	.
5	33 Each	W1-6, Large Arrow 48" x 24" with Steel Sign Support Type ST-2	At . . Per Each	.
6	2 Each	W1-7, Double Large Arrow 48" x 24" with Steel Sign Support Type ST-2	At . . Per Each	.

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
7	1,569 Each	W1-8, Chevron 18" x 24" with Steel Sign Support Type ST-2	At . Per Each	.
8	319 Each	W13-1P Speed Plaque	At . Per Each	.
9	1 Lump Sum	Project Temporary Traffic Control	At ////////.//// Per Lump Sum	.
OTHER ITEMS				
10	1 Lump Sum	Spill Prevention, Control, and Countermeasure (SPCC) Plan	At ////////.//// Per Lump Sum	.
11	Calculated	Minor Changes	At ////////.//// Calculated	-\$1.00

Contract Total	.
-----------------------	---

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.

Proposal – Signature Page

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

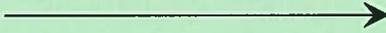
A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

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

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

Signature of Authorized Official(s)

Proposal Must Be Signed



Please Print Name of Authorized Official

Firm Name _____

Address _____

State of Washington Contractor's License No. _____

Federal ID No. _____

Note:

- (1) This proposal form is not transferable and any alteration entered hereon without prior permission from the County Engineer will be cause for considering the proposal irregular and subsequent rejection of bid.
- (2) Please refer to section 1-02.6 of the standard specifications, re: "Preparation of Proposal" or "Article 4" of the instructions to bidders for building construction jobs.
- (3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communication: _____

Revised 8/95

Statement of Contractor Qualifications

To: Board of County Commissioners
Grant County, Washington

Date: _____, 2016

RE: **2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-11**

I hereby maintain that I am a responsible bidder as contemplated by the policies of the State of Washington and Chapter 36.77 of the Revised Code of Washington.

1. My permanent business name and address is _____
which I have maintained for ____ years. My phone is (____) _____ Fax (____) _____
2. I have adequate plant equipment to expeditiously and properly perform the work contemplated for Grant County, Washington. **Description of work:** This contract provides for the installation of Traffic Control Devices, County Wide, on two lane county roads in Grant County, WA, and includes removing existing signs, installation of signs, project temporary traffic control and other work, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications. (Please list equipment to be used on this project. Attach list if necessary.)

3. I have adequate funds to promptly meet obligations incident to this work. (Provide bank, contact & phone.)
a) _____
b) _____ c) _____
4. I have adequate experience in this class of work and I am thoroughly familiar with the specifications used in this project. I have constructed the following similar improvements: (Provide project name, contact & phone.)
a) _____
b) _____
c) _____
5. I have submitted and maintain annually a "Standard Questionnaire and Financial Statement" to the Washington State Department of Transportation (WSDOT): Yes No Region: _____
WSDOT has determined: a) I am prequalified to _____
_____ in the amount of _____
b) I have failed to be prequalified for the following reasons: _____

The Contracting Agency may determine a prospective Bidder who is not prequalified to perform certain types of work within the financial and experience constraints determined by WSDOT to be not responsible and refuse to award a contract.

The Board of County Commissioners shall proceed to award the contract to the lowest and best bidder but may reject any or all bids if in its opinion good cause exists therefor. (RCW 36.77.040)

I hereby certify that the above statements are true and accurate.

Very truly yours,

By: _____
(Print Name) _____
Company Name: _____
Address: _____
City, State, Zip: _____
Washington State Contractor's License No.: _____

Revised 4/02

Bid Bond

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as
Principal, and _____, as
Surety, are held and firmly bound unto Grant County, Washington, as Obligee, in the penal sum
of _____ Dollars
(\$ _____) for the payment of which the Principal and Surety bind themselves,
their heirs, executors, administrators, successors and assigns, jointly and severally, by these
presents.

The condition of the obligation is such that if the Obligee shall make any award to the
Principal for **2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-
11**, located in Grant County, Washington, according to the terms of the proposal or bid made by
the Principal therefor, and the Principal shall duly make and enter into a contract with the
Obligee in accordance with the terms of said proposal or bid and award and shall give bond for
the faithful performance thereof, with the Surety or Sureties approved by the Obligee; or if the
principal shall, in case of failure so to do, pay and forfeit to the Obligee the penal amount of the
deposit specified in the call for bids, then this obligation shall be null and void; otherwise it
shall be and remain in full force and effect and the Surety shall forthwith pay and forfeit to the
Obligee, as penalty and liquidated damages, the amount of this bond.

SIGNED, SEALED AND DATED THIS ____ DAY OF _____, 2016

Principal _____

Surety _____

Attorney-in-Fact _____

CONTRACT

THIS AGREEMENT, between the Board of County Commissioners of Grant County, State of Washington, acting under and by virtue of Chapter 36.77 of the Revised Code of Washington, as amended, hereinafter called the County, and _____, for itself, its heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

WITNESSETH:

That in consideration of the payments, covenants, and agreements, hereinafter mentioned, and attached and made a part of this agreement, to be made and performed by the parties hereto, and the parties hereto covenant and agree as follows:

DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all tools, materials, and equipment necessary to improve and complete **2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-11**, located in Grant County, Washington, as proposed in a bid opened **4.00:P.M., Tuesday, November 14, 2016** in accordance with and as described in the herein attached plans and standard specifications, and in full compliance with the terms, conditions, and stipulations herein set forth and attached, now referred to any by such reference incorporated herein and made part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any force account work may be ordered as provided in this contract and every part thereof.
2. The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.
3. The County hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same 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 unit or itemized prices hereto attached, at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to employ the Contractor to perform any alterations in or additions to the work covered by this contract and every part thereof and any force account work that may be ordered and pay for same under the terms of this contract and the attached plans and specifications.
4. The Contractor for himself, and for his heirs, executors, administrators and assigns, and successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
5. It is further provided that no liability shall attach to the County by reason of entering into this contract, except as expressly provided herein.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of Grant County has caused this instrument to be executed by and in the name of said Board by its Members, duly attested by its Clerk, the day and year below written, and the seal of said Board to be hereunto affixed on said date.

____ day of _____, 2016

Signature

Print Name

Firm Name

Address

City State Zip

(____) _____
Phone

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

____ day of _____, 2016

Deputy Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
OF GRANT COUNTY, WASHINGTON

Done this ____ day of _____, 2016

Chair

Member

Member

CONTRACT BOND

KNOW ALL MEN BY THESE PRESENTS:

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

This obligation is entered into in pursuance of the statutes of the State of Washington, the Ordinances of Grant County, Washington.

Dated at _____, Washington, this ____ day of _____, 2016.

The conditions of the above obligation are such that:

WHEREAS, on **November 14, 2016**, the Board of County Commissioners of said Grant County has let or is about to let to the Principal, a certain contract, the said contract providing for the improvement of **2015 County Road Safety, Horizontal Curve Signs (Various County Roads), CRP 15-11**, located in Grant County, Washington, (which contract is referred to herein and is made a part hereof as though attached hereto), and

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

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

Countersigned:

Licensed Agent/Surety Co.

Principal

Attorney-in-Fact, Surety

Approved as to form:

(_____) _____
Firm, Street Address (No P.O. Box), Phone of Local Office of Agent

_____, 2016
Deputy Prosecuting Attorney

Deputy Prosecuting Attorney

TITLE VI – Contractor Requirements

During the performance of this contract, the contractor/consultant, for itself, its assignees and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. Compliance with Regulations

The contractor shall comply with the Regulations relative to non-discrimination in federally assisted programs of United States Department of Transportation (USDOT), Title 49, Code of Federal Regulations, part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination

The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of sub-contractors, including procurement of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for Sub-contracts, Including Procurement of Materials and Equipment

In all solicitations either by competitive bidding or negotiations made by the contractor for work to be performed under a sub-contract, including procurement of materials or leases of equipment, each potential sub-contractor or supplier shall be notified by the contractor of the contractor’s obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color, sex, or national origin.

4. Information and Reports

The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the contracting agency or the appropriate federal agency to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to WSDOT or the USDOT as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Non-compliance

In the event of the contractor’s non-compliance with the non-discrimination provisions of this contract, the contracting agency shall impose such contract sanctions as it or the USDOT may determine to be appropriate, including, but not limited to:

- Withholding of payments to the contractor under the contract until the contractor complies, and/or;
- Cancellation, termination, or suspension of the contract, in whole or in part

6. Incorporation of Provisions

The contractor shall include the provisions of paragraphs (1) through (5) in every sub-contract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any sub-contractor or procurement as the contracting agency or USDOT may direct as a means of enforcing such provisions including sanctions for non-compliance.

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a sub-contractor or supplier as a result of such direction, the contractor may request WSDOT enter into such litigation to protect the interests of the state and, in addition, the contractor may request the USDOT enter into such litigation to protect the interests of the United States.

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

- 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.

General Decision Number: WA160001 09/02/2016 WA1

Superseded General Decision Number: WA20150001

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 \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the 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 \$10.15 (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 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	02/19/2016
2	02/26/2016
3	03/04/2016
4	04/22/2016
5	05/20/2016
6	06/03/2016
7	06/24/2016
8	07/08/2016
9	07/15/2016
10	07/29/2016
11	08/19/2016
12	08/26/2016
13	09/02/2016

CARP0001-008 06/01/2015

	Rates	Fringes
CARPENTER		
GROUP 1.....	\$ 27.61	14.00
GROUP 2.....	\$ 41.86	14.49
GROUP 3.....	\$ 32.97	14.00
GROUP 4.....	\$ 31.94	14.00
GROUP 5.....	\$ 73.44	14.00
GROUP 6.....	\$ 35.02	14.00
GROUP 7.....	\$ 36.72	14.00
GROUP 8.....	\$ 33.27	14.00
GROUP 9.....	\$ 35.02	14.00

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, Bell/Vehicle or Submersible operator Not Under Pressure
- GROUP 8: Assistant Tender, ROV Tender/Technician
- GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-40 MILES	FREE
ZONE 2	41-65 MILES	\$2.25/PER HOUR
ZONE 3	66-100 MILES	\$3.25/PER HOUR
ZONE 4	OVER 100 MILES	\$4.75/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).

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:

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

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:

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

SATURATION DIVING:

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

WORK IN COMBINATION OF CLASSIFICATIONS:

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

HAZMAT PROJECTS:

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

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

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

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

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

CARP0003-006 10/01/2011

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS (Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHKIAKUM COUNTIES 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
PILEDRIVERS.....	\$ 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

Rates Fringes

CARPENTER

CENTRAL WASHINGTON:
CHELAN, DOUGLAS (WEST OF
THE 120TH MERIDIAN),
KITTTITAS, 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 06/01/2015

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.....	\$ 40.36	13.66
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 40.46	13.66
CARPENTERS.....	\$ 40.36	13.66
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 02/01/2016

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 46.87	3*+15.96
ELECTRICIAN.....	\$ 45.77	3*+17.91

ELEC0048-003 01/01/2016

CLARK, KLUCKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 40.20	21.11

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 01/01/2016

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 40.20	21.11

ELEC0073-001 07/01/2016

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

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 31.50	17.60

ELEC0076-002 09/01/2015

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

	Rates	Fringes
CABLE SPLICER.....	\$ 38.96	24.03
ELECTRICIAN.....	\$ 35.42	23.92

ELEC0112-005 06/01/2016

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

	Rates	Fringes
CABLE SPLICER.....	\$ 42.32	18.95
ELECTRICIAN.....	\$ 40.30	18.89

ELEC0191-003 06/01/2015

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 41.15	18.25

ELEC0191-004 06/01/2015

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.82	17.63
ELECTRICIAN.....	\$ 38.15	18.16

ENGI0302-003 06/01/2014

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

PROJECTS: CATEGORY A PROJECTS (EXCLUDES CATEGORY B PROJECTS, AS SHOWN BELOW)

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
Group 1A.....	\$ 38.39	17.39
Group 1AA.....	\$ 38.96	17.39
Group 1AAA.....	\$ 39.52	17.39
Group 1.....	\$ 37.84	17.39
Group 2.....	\$ 37.35	17.39
Group 3.....	\$ 36.93	17.39
Group 4.....	\$ 34.57	17.39

Zone Differential (Add to Zone 1 rates):

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

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

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

Category B Projects: 95% of the basic hourly reate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. 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

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.

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$.70

Zone 3 (Over 45 radius miles) - \$1.00

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, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

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

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

CATEGORY B PROJECTS: 95% OF THE BASIC HOURLY RATE FOR EACH GROUP PLUS FULL FRINGE BENEFITS APPLICABLE TO CATEGORY A PROJECTS SHALL APPLY TO THE FOLLOWING PROJECTS. 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 including, but utilities excluded.
3. Marine projects (docks, wharfs, ect.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designed 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 06/01/2016

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.....	\$ 26.66	14.55
GROUP 2.....	\$ 26.98	14.55
GROUP 3.....	\$ 27.59	14.55
GROUP 4.....	\$ 27.75	14.55
GROUP 5.....	\$ 27.91	14.55
GROUP 6.....	\$ 28.19	14.55
GROUP 7.....	\$ 28.46	14.55
GROUP 8.....	\$ 29.56	14.55

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

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

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

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

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

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

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Roller (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator; Vector 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 dragine; 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 06/01/2014

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.....	\$ 38.39	17.40
GROUP 1AA.....	\$ 38.96	17.40
GROUP 1AAA.....	\$ 39.52	17.40
GROUP 1.....	\$ 37.84	17.40
GROUP 2.....	\$ 37.35	17.40
GROUP 3.....	\$ 36.93	17.40
GROUP 4.....	\$ 34.57	17.40

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) = \$1.00
Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

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

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

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

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft
of boom (including jib with attachments); Crane-overhead,
bridge type, 45 tons thru 99 tons; Derricks on building
work; Excavator, shovel, backhoes over 3 yards and under 6
yards; Hard tail end dump articulating off-road equipment
45 yards and over; Loader- overhead, 6 yards to, but not
including, 8 yards; Mucking machine, mole, tunnel, drill
and/or shield; Quad 9 HD 41, D-10; Remote control operator
on rubber tired earth moving equipment; Rolligon; 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 01/01/2015

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 39.47	14.10
GROUP 1A.....	\$ 41.44	14.10
GROUP 1B.....	\$ 43.42	14.10
GROUP 2.....	\$ 37.58	14.10
GROUP 3.....	\$ 36.44	14.10
GROUP 4.....	\$ 35.36	14.10
GROUP 5.....	\$ 34.13	14.10
GROUP 6.....	\$ 30.94	14.10

Zone Differential (add to Zone 1 rates):
Zone 2 - \$3.00
Zone 3 - \$6.00

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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 steed (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 07/01/2016

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

	Rates	Fringes
IRONWORKER.....	\$ 32.89	24.56

IRON0029-002 07/01/2015

CLARK, COWLITZ, KLUCKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.12	23.04

IRON0086-002 07/01/2016

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 32.89	24.56

IRON0086-004 07/01/2016

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

	Rates	Fringes
IRONWORKER.....	\$ 40.52	24.71

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LABO0001-002 06/01/2014

ZONE 1:

Rates Fringes

Laborers:

CALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY WAHAKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

GROUP 1.....	\$ 22.49	10.30
GROUP 2.....	\$ 25.79	10.30
GROUP 3.....	\$ 32.29	10.30
GROUP 4.....	\$ 33.08	10.30
GROUP 5.....	\$ 33.62	10.30

CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS AND YAKIMA COUNTIES

GROUP 1.....	\$ 18.95	10.30
GROUP 2.....	\$ 21.76	10.30
GROUP 3.....	\$ 23.85	10.30
GROUP 4.....	\$ 24.43	10.30
GROUP 5.....	\$ 24.85	10.30

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

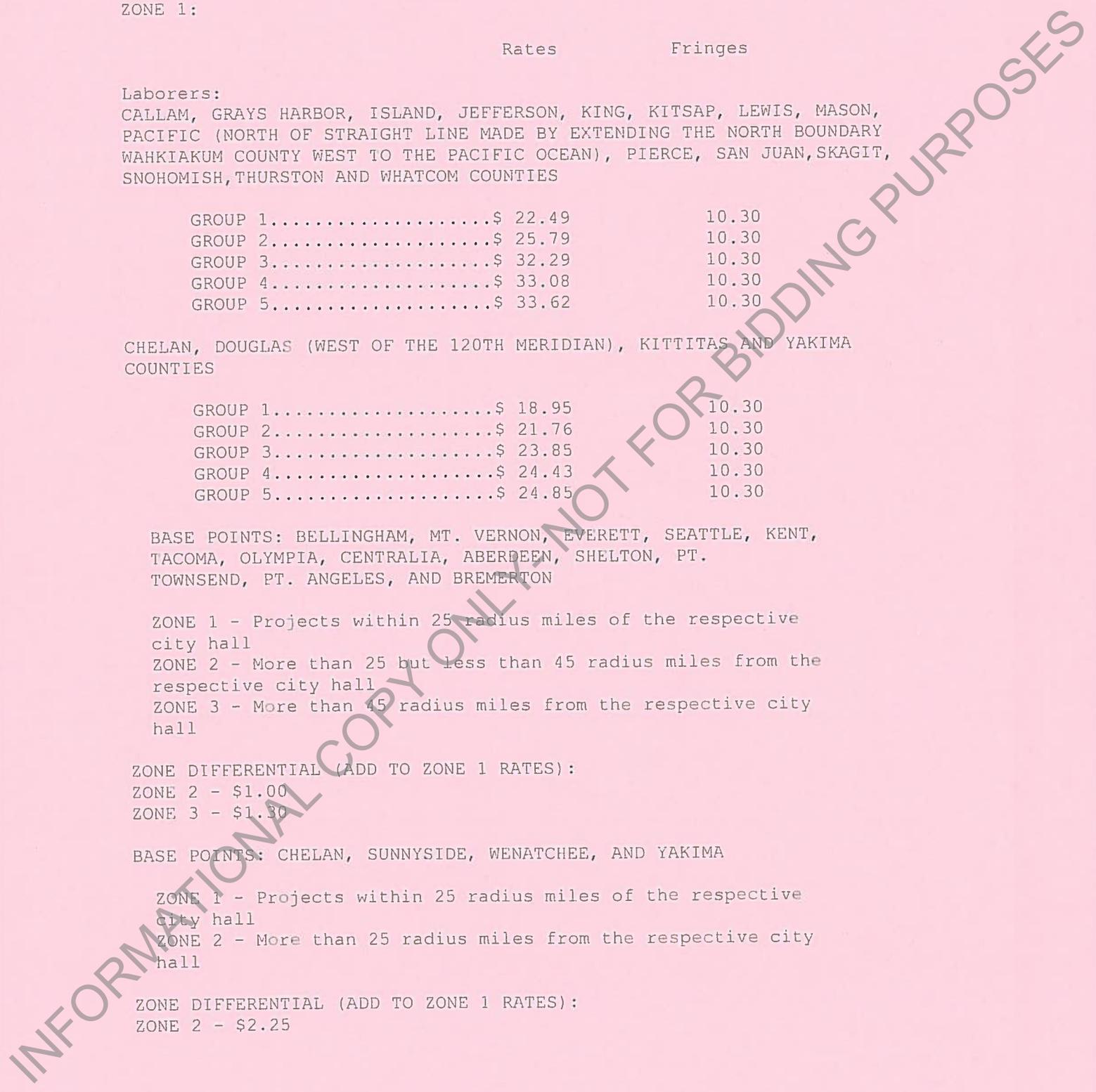
- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
- ZONE 3 - More than 45 radius miles from the respective city hall

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; Nozzlemann (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

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

* LABO0238-004 06/01/2016

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.....	\$ 23.51	11.40
GROUP 2.....	\$ 25.61	11.40
GROUP 3.....	\$ 25.88	11.40
GROUP 4.....	\$ 26.15	11.40
GROUP 5.....	\$ 26.43	11.40
LABORER (SPOKANE)		
GROUP 1.....	\$ 23.51	11.40
GROUP 2.....	\$ 25.61	11.40
GROUP 3.....	\$ 25.88	11.40
GROUP 4.....	\$ 26.15	11.40
GROUP 5.....	\$ 26.43	11.40

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.

INFORMATIONAL COPY ONLY NOT FOR BIDDING PURPOSES

LABORERS CLASSIFICATIONS

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

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

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

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

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

 * LABO0238-006 06/01/2016

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.....	\$ 25.61	11.40

 LABO0335-001 06/01/2013

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 WAHKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 28.65	10.05
GROUP 2.....	\$ 29.25	10.05
GROUP 3.....	\$ 29.69	10.05
GROUP 4.....	\$ 30.07	10.05
GROUP 5.....	\$ 26.15	10.05
GROUP 6.....	\$ 23.73	10.05
GROUP 7.....	\$ 20.53	10.05

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: GOLDENDALE, 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; Signalmen; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

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

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

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

LABO0335-019 09/01/2013

	Rates	Fringes
Hod Carrier.....	\$ 30.47	10.05

PAIN0005-002 07/01/2016

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 29.19	15.16

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 07/01/2015

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

	Rates	Fringes
PAINTER		
Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water and Sandblasting.....	\$ 28.15	10.85
Over 30'/Swing Stage Work..	\$ 22.20	7.98
Brush, Roller, Striping, Steam-cleaning and Spray....	\$ 23.05	10.85
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 07/01/2016

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

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 23.47	10.10
High work - All work 60 ft. or higher.....	\$ 23.47	10.10
Spray and Sandblasting.....	\$ 23.47	10.10

 PAIN0055-006 11/01/2014

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT STRIPER.....	\$ 33.43	11.08

PLAS0072-004 06/01/2015

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.....	\$ 27.01	12.59

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 06/01/2016

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.....	\$ 39.52	16.04
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 40.02	16.04
TROWLING MACHINE OPERATOR ON COMPOSITION.....	\$ 40.02	16.04

PLAS0555-002 06/01/2015

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..	\$ 30.58	18.18
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 30.58	18.18
CEMENT MASONS.....	\$ 29.98	18.18
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 31.18	18.18

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 06/01/2014

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 WAHKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 26.90	14.37
GROUP 2.....	\$ 27.02	14.37
GROUP 3.....	\$ 27.15	14.37
GROUP 4.....	\$ 27.41	14.37
GROUP 5.....	\$ 27.63	14.37
GROUP 6.....	\$ 27.79	14.37
GROUP 7.....	\$ 27.99	14.37

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 cumps, 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 01/01/2016

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:.....	\$ 33.38	17.87
GROUP 2:.....	\$ 32.54	17.87
GROUP 3:.....	\$ 29.73	17.87
GROUP 4:.....	\$ 24.76	17.87
GROUP 5:.....	\$ 31.44	17.87

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

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

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

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

TRUCK DRIVERS CLASSIFICATIONS

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

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

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

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

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

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

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

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

TEAM0690-004 01/01/2016

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.....	\$ 20.17	16.69
GROUP 2.....	\$ 22.44	16.69
GROUP 3.....	\$ 22.94	16.69
GROUP 4.....	\$ 23.27	16.69
GROUP 5.....	\$ 23.38	16.69
GROUP 6.....	\$ 23.55	16.69
GROUP 7.....	\$ 24.08	16.69
GROUP 8.....	\$ 24.44	16.69
AREA 2:		
GROUP 1.....	\$ 21.77	16.69
GROUP 2.....	\$ 24.31	16.69
GROUP 3.....	\$ 24.42	16.69
GROUP 4.....	\$ 24.75	16.69
GROUP 5.....	\$ 24.86	16.69
GROUP 6.....	\$ 25.02	16.69
GROUP 7.....	\$ 25.56	16.69
GROUP 8.....	\$ 25.88	16.69

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 & Trucks 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.
=====

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

INFORMATIONAL COPY ONLY - NOT FOR BIDDING PURPOSES

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

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

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

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

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

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

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

ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		X
9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	X	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
11. Minor Structural Steel Fabrication - Fabrication of minor steel items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	X	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		X
22. Vault Risers - For use with Valve Vaults and Utilities Vaults.		X
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
33. Monument Case and Cover See Std. Plan.		X

ITEM DESCRIPTION	YES	NO
34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	X	
36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.	X	
40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	X	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. NOTE: *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	X	X
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		X
44. Guardrail components	X	X
	Custom End Sec	Standard Sec
45. Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46. Asphalt	Covered by WAC 296-127-018	
47. Fiber fabrics		X
48. Electrical wiring/components		X
49. treated or untreated timber pile		X
50. Girder pads (elastomeric bearing)	X	
51. Standard Dimension lumber		X
52. Irrigation components		X

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

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW 39.12.010

(The definition of "locality" in RCW 39.12.010(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries. The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

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. D. 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 15% over the hourly rate of wage. All other hours worked after 6:00 am 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.
- 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.
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.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).

Holiday Codes Continued

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.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. 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.

Note Codes

8. A. In addition to the hourly wage and fringe benefits, the following 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 100' To 150' -\$3.00 per Foot for Each Foot Over 100 Feet
Over 150' To 220' -\$4.00 per Foot for Each Foot Over 150 Feet
Over 220' -\$5.00 per Foot for Each Foot Over 220 Feet

Note Codes Continued

8. C. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
Over 50' To 100' -\$1.00 per Foot for Each Foot Over 50 Feet
Over 100' To 150' -\$1.50 per Foot for Each Foot Over 100 Feet
Over 150' To 200' -\$2.00 per Foot for Each Foot Over 150 Feet
Over 200' -Divers May Name Their Own Price
- D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- 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.

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: 10/20/2016

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Grant	<u>Asbestos Abatement Workers</u>	Journey Level	\$20.79		<u>1</u>	
Grant	<u>Boilermakers</u>	Journey Level	\$64.29	<u>5N</u>	<u>1C</u>	
Grant	<u>Brick Mason</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>	
Grant	<u>Building Service Employees</u>	Janitor	\$12.56		<u>1</u>	
Grant	<u>Building Service Employees</u>	Shampooer	\$11.14		<u>1</u>	
Grant	<u>Building Service Employees</u>	Waxer	\$9.47		<u>1</u>	
Grant	<u>Building Service Employees</u>	Window Cleaner	\$9.47		<u>1</u>	
Grant	<u>Cabinet Makers (In Shop)</u>	Journey Level	\$9.47		<u>1</u>	
Grant	<u>Carpenters</u>	Carpenters	\$42.73	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Cement Masons</u>	Journey Level	\$40.80	<u>7B</u>	<u>1N</u>	
Grant	<u>Divers & Tenders</u>	Diver	\$90.84	<u>5A</u>	<u>1B</u>	<u>8A</u>
Grant	<u>Divers & Tenders</u>	Diver on Standby	\$52.68	<u>5A</u>	<u>1B</u>	
Grant	<u>Divers & Tenders</u>	Diver Tender	\$51.68	<u>5A</u>	<u>1B</u>	
Grant	<u>Divers & Tenders</u>	Diving Master	\$61.81	<u>5A</u>	<u>1B</u>	
Grant	<u>Divers & Tenders</u>	Surface RCV & ROV Operator	\$51.68	<u>5A</u>	<u>1B</u>	
Grant	<u>Divers & Tenders</u>	Surface RCV & ROV Operator Tender	\$51.68	<u>5A</u>	<u>1B</u>	
Grant	<u>Dredge Workers</u>	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Engineer Welder	\$57.51	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Leverman, Hydraulic	\$58.67	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Mates	\$56.44	<u>5D</u>	<u>3F</u>	
Grant	<u>Dredge Workers</u>	Oiler	\$56.00	<u>5D</u>	<u>3F</u>	
Grant	<u>Drywall Applicator</u>	Journey Level	\$42.73	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Drywall Tapers</u>	Journey Level	\$37.46	<u>7E</u>	<u>1P</u>	
Grant	<u>Electrical Fixture Maintenance Workers</u>	Journey Level	\$24.88		<u>1</u>	
Grant	<u>Electricians - Inside</u>	Cable Splicer	\$62.75	<u>7H</u>	<u>1E</u>	
Grant	<u>Electricians - Inside</u>	Construction Stock Person	\$32.75	<u>7H</u>	<u>1D</u>	

Grant	<u>Electricians - Inside</u>	Journey Level	\$58.69	7H	1E	
Grant	<u>Electricians - Motor Shop</u>	Craftsman	\$15.37		1	
Grant	<u>Electricians - Motor Shop</u>	Journey Level	\$14.69		1	
Grant	<u>Electricians - Powerline Construction</u>	Cable Splicer	\$71.85	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Certified Line Welder	\$65.71	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Groundperson	\$44.12	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Heavy Line Equipment Operator	\$65.71	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Journey Level Lineperson	\$65.71	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Line Equipment Operator	\$55.34	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Pole Sprayer	\$65.71	5A	4D	
Grant	<u>Electricians - Powerline Construction</u>	Powderperson	\$49.16	5A	4D	
Grant	<u>Electronic Technicians</u>	Journey Level	\$17.31		1	
Grant	<u>Elevator Constructors</u>	Mechanic	\$85.45	7D	4A	
Grant	<u>Elevator Constructors</u>	Mechanic In Charge	\$92.35	7D	4A	
Grant	<u>Fabricated Precast Concrete Products</u>	Journey Level - In-Factory Work Only	\$9.96		1	
Grant	<u>Fence Erectors</u>	Fence Erector	\$13.80		1	
Grant	<u>Fence Erectors</u>	Fence Laborer	\$11.60		1	
Grant	<u>Flaggers</u>	Journey Level	\$34.91	7B	1M	
Grant	<u>Glaziers</u>	Journey Level	\$24.39	7E	1K	
Grant	<u>Heat & Frost Insulators And Asbestos Workers</u>	Journey Level	\$45.77		1	
Grant	<u>Heating Equipment Mechanics</u>	Journey Level	\$27.67		1	
Grant	<u>Hod Carriers & Mason Tenders</u>	Journey Level	\$38.54	7B	1M	
Grant	<u>Industrial Power Vacuum Cleaner</u>	Journey Level	\$9.47		1	
Grant	<u>Inland Boatmen</u>	Journey Level	\$9.47		1	
Grant	<u>Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control</u>	Cleaner Operator, Foamer Operator	\$9.73		1	
Grant	<u>Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control</u>	Grout Truck Operator	\$11.48		1	
Grant	<u>Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control</u>	Head Operator	\$12.78		1	
Grant	<u>Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control</u>	Technician	\$9.47		1	
Grant	<u>Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control</u>	Tv Truck Operator	\$10.53		1	

Grant	<u>Insulation Applicators</u>	Journey Level	\$42.73	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Ironworkers</u>	Journeyman	\$57.70	<u>7N</u>	<u>1O</u>	
Grant	<u>Laborers</u>	Air And Hydraulic Track Drill	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Raker	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Roller, Walking	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brick Pavers	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Hog Feeder	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Machine	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Caisson Worker, Free Air	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Carpenter Tender	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Finisher Tender	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Handler	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Chain Saw Operator & Faller	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Clean-up Laborer	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Compaction Equipment	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Crewman	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Saw, Walking	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Signalman	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Stack	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Confined Space Attendant	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Crusher Feeder	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition Torch	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dope Pot Fireman, Non-mechanical	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Driller Helper (when Required To Move & Position Machine)	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Drills With Dual Masts	\$37.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dry Stack Walls	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dumpman	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Erosion Control Laborer	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Final Detail Cleanup (i.e., Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup)	\$34.91	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Firewatch	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Form Cleaning Machine Feeder, Stacker	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Form Setter, Paving	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	General Laborer	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Grade Checker	\$39.54	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Grout Machine Header Tender	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Guard Rail	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Gunite	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hazardous Waste Worker (level A)	\$37.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>		\$37.55	<u>7B</u>	<u>1M</u>	

		Hazardous Waste Worker (level B)			
Grant	<u>Laborers</u>	Hazardous Waste Worker (level C)	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hazardous Waste Worker (level D)	\$37.01	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hdpe Or Similar Liner Installer	\$37.01	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	High Scaler	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Jackhammer Operator Miner, Class "b"	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Laser Beam Operator	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "a"	\$37.01	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "c"	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "d"	\$37.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Monitor Operator, Air Track Or Similar Mounting	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Mortar Mixer	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nipper	\$37.01	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nozzleman	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pavement Breaker, 90 Lbs. & Over	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pavement Breaker, Under 90 Lbs.	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipelayer	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipelayer, Corrugated Metal Culvert And Multi-plate	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipewrapper	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Plasterer Tenders	\$37.55	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pot Tender	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Powderman	\$39.20	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Powderman Helper	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Power Buggy Operator	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Power Tool Operator, Gas, Electric, Pneumatic	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Railroad Equipment, Power Driven, Except Dual Mobile	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Railroad Power Spiker Or Puller, Dual Mobile	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Remote Equipment Operator	\$37.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Remote Equipment Operator (i.e. Compaction And Demolition)	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Rigger/signal Person	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Riprap Person	\$37.01	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Rodder & Spreader	\$37.28	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Sandblast Tailhoseman	\$37.01	<u>7B</u>	<u>1M</u>

Grant	<u>Laborers</u>	Scaffold Erector, Wood Or Steel	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Stake Jumper	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Structural Mover	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tailhoseman (water Nozzle)	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Timber Bucker & Faller (by Hand)	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Track Laborer (rr)	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Traffic Control Laborer	\$34.91	<u>7B</u>	<u>1M</u>	<u>8T</u>
Grant	<u>Laborers</u>	Traffic Control Supervisor	\$35.91	<u>7B</u>	<u>1M</u>	<u>8S</u>
Grant	<u>Laborers</u>	Trencher, Shawnee	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Trenchless Technology Technician	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Truck Loader	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tugger Operator	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Vibrators, All	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wagon Drills	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Water Pipe Liner	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Welder, Electric, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$37.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Well-point Person	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wheelbarrow, Power Driven	\$37.28	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers - Underground Sewer & Water</u>	General Laborer & Topman	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers - Underground Sewer & Water</u>	Pipe Layer	\$37.55	<u>7B</u>	<u>1M</u>	
Grant	<u>Landscape Construction</u>	Irrigation Or Lawn Sprinkler Installers	\$9.47		<u>1</u>	
Grant	<u>Landscape Construction</u>	Landscape Equipment Operators Or Truck Drivers	\$9.47		<u>1</u>	
Grant	<u>Landscape Construction</u>	Landscaping Or Planting Laborers	\$9.47		<u>1</u>	
Grant	<u>Lathers</u>	Journey Level	\$42.73	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Marble Setters</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>	
Grant	<u>Metal Fabrication (In Shop)</u>	Fitter	\$10.79		<u>1</u>	
Grant	<u>Metal Fabrication (In Shop)</u>	Painter	\$9.47		<u>1</u>	
Grant	<u>Metal Fabrication (In Shop)</u>	Welder	\$10.79		<u>1</u>	
Grant	<u>Millwright</u>	Journey Level	\$59.29	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Modular Buildings</u>	Journey Level	\$9.47		<u>1</u>	
Grant	<u>Painters</u>	Journey Level	\$40.60	<u>6Z</u>	<u>2B</u>	
Grant	<u>Pile Driver</u>	Journey Level	\$43.79	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Plasterers</u>	Journey Level	\$10.00		<u>1</u>	
Grant	<u>Playground & Park Equipment Installers</u>	Journey Level	\$9.47		<u>1</u>	
Grant	<u>Plumbers & Pipefitters</u>	Journey Level	\$78.33	<u>6Z</u>	<u>1Q</u>	
Grant	<u>Power Equipment Operators</u>	A-frame Truck (2 Or More Drums)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	A-frame Truck (single Drum)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Asphalt Plant Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Refrigeration Plant (under 1000 Ton)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Automatic Subgrader (ditches & Trimmers)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backfillers (cleveland & Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw & Under)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw To 110,000 Gw)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (over 110,000 Gw)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3 Yds & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bagley Or Stationary Scraper	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant (over 4 Units)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Finishing Machine	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Loader (kocal Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt-crete Conveyors With Power Pack Or Similar	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bending Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bit Grinders	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blade Operator (motor Patrol & Attachments)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blower Operator (cement)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boat Operator	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bob Cat (skid Steer)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bolt Threading Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boom Cats (side)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boring Machine (earth)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)				
Grant	<u>Power Equipment Operators</u>	Bump Cutter (wayne, Saginaw Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cableway Controller (dispatcher)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cableway Operators	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Canal Lining Machine (concrete)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Carrydeck & Boom Truck (under 25 Tons)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cement Hog	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Clamshell, Dragline	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compactor (self-propelled With Blade)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Cleaning / Decontamination Machine Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pump Boon Truck	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Saw (multiple Cut)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Slip Form Paver	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (85 Tons & Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crusher Feeder	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Crusher, Grizzle & Screening Plant Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Curb Extruder (asphalt Or Concrete)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Deck Engineer	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Deck Hand	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Derricks & Stifflegs (65 Tons & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Derricks & Stifflegs (under 65 Tons)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Distributor Leverman	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Ditch Witch Or Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dope Pots (power Agitated	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer / Tractors (d-6 & Equivalent & Over)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer, 834 R/t & Similar	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drill Doctor	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Driller Licensed	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drillers Helper	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drills (churn, Core, Calyx Or Diamond)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt (holland Type)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevator Hoisting Materials	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Equipment Serviceman, Greaser & Oiler	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fireman & Heater Tender	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Generator Plant Engineers (diesel Or Electric)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gin Trucks (pipeline)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Grade Checker	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gunite Combination Mixer & Compressor	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Mechanic	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Welder	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Heavy Equipment Robotics Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Helicopter Pilot	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Helper, Mechanic Or Welder, H.D	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoe Ram	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist (2 Or More Drums Or Tower Hoist)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist, Single Drum	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hydro-seeder, Mulcher, Nozzleman	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Batch Tank Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Brain Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (bucket Elevators And Conveyors)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead And Front-end, 10 Yds. & Over)	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Locomotive Engineer	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Longitudinal Float	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Master Environmental Maintenance Technician	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixer (portable - Concrete)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixermobile	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mobile Crusher Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mucking Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Multiple Dozer Units With Single Blade	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pavement Breaker, Hydra-hammer & Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving (dual Drum)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving Machine (asphalt And Concrete)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Piledriving Engineers	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Plant Oiler	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Posthole Auger Or Punch	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Power Broom	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pump (grout Or Jet)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pumpman	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Quad-track Or Similar Equipment	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Ballast Regulation Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Power Tamper Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Tamper Jack Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Track Liner Operator (self-propelled)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (1000 Tons & Over)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (under 1000 Ton)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rollerman (finishing Asphalt Pavement)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Roto Mill (pavement Grinder)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rotomill Groundsman	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Scrapers, All, Rubber-tired	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Screed Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (3 Yds. & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (under 3 Yds.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Soil Stabilizer (p & H Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spray Curing Machine (concrete)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Box (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Steam Cleaner	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Straddle Buggy (ross & Similar On Construction Job Only)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Surface Heater & Planer Machine	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Traverse Finish Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Trenching Machines (7 Ft. Depth & Over)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Trenching Machines (under 7 Ft. Depth Capacity)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tug Boat Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tugger Operator	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Turnhead (with Re-screening)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Turnhead Operator	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vactor Guzzler, Super Sucker	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Blasting Machine Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Drill (reverse Circulation Drill Under 8" Bit)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Welding Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Whirleys & Hammerheads, All	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	A-frame Truck (2 Or More Drums)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	A-frame Truck (single Drum)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Asphalt Plant Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Assistant Refrigeration Plant (under 1000 Ton)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Automatic Subgrader (ditches & Trimmers)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backfillers (cleveland & Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoe (45,000 Gw & Under)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoe (45,000 Gw To 110,000 Gw)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoe (over 110,000 Gw)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoes & Hoe Ram (3 Yds & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators-Underground Sewer & Water</u>	Bagley Or Stationary Scraper	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant			\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>

	<u>Power Equipment Operators- Underground Sewer & Water</u>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)				
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Batch Plant (over 4 Units)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Belt Finishing Machine	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Belt Loader (kocal Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Belt-crete Conveyors With Power Pack Or Similar	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Bending Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Bit Grinders	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Blade Operator (motor Patrol & Attachments)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Blower Operator (cement)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Boat Operator	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Bob Cat (skid Steer)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Bolt Threading Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Boom Cats (side)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Boring Machine (earth)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Bump Cutter (wayne, Saginaw Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cableway Controller (dispatcher)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cableway Operators	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Canal Lining Machine (concrete)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Carrydeck & Boom Truck (under 25 Tons)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cement Hog	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>		\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Chipper (without Crane) Cleaning & Doping Machine (pipeline)				
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Clamshell, Dragline	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Compactor (self-propelled With Blade)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Cleaning / Decontamination Machine Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Pump Boon Truck	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Pumps (squeeze- crete, Flow-crete, Whitman & Similar)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Saw (multiple Cut)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Slip Form Paver	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes (85 Tons & Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Crusher Feeder	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Crusher, Grizzle & Screening Plant Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Curb Extruder (asphalt Or Concrete)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Deck Engineer	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Deck Hand	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Derricks & Stifflegs (65 Tons & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Derricks & Stifflegs (under 65 Tons)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Distributor Leverman	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Ditch Witch Or Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Dope Pots (power Agitated	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Dozer / Tractors (d-6 & Equivalent & Over)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Dozer, 834 R/t & Similar	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drill Doctor	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Driller Licensed	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drillers Helper	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drills (churn, Core, Calyx Or Diamond)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Elevating Belt (holland Type)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Elevator Hoisting Materials	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Equipment Serviceman, Greaser & Oiler	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Fireman & Heater Tender	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Generator Plant Engineers (diesel Or Electric)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Gin Trucks (pipeline)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Grade Checker	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Gunite Combination Mixer & Compressor	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant		H.d. Mechanic	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>

	<u>Power Equipment Operators- Underground Sewer & Water</u>					
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	H.d. Welder	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Heavy Equipment Robotics Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Helicopter Pilot	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Helper, Mechanic Or Welder, H.D	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hoe Ram	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hoist (2 Or More Drums Or Tower Hoist)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hoist, Single Drum	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hydro-seeder, Mulcher, Nozzleman	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Lime Batch Tank Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Lime Brain Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders (bucket Elevators And Conveyors)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders (overhead And Front-end, 10 Yds. & Over)	\$43.91	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Locomotive Engineer	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Longitudinal Float	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Master Environmental Maintenance Technician	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mixer (portable - Concrete)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mixermobile	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mobile Crusher Operator (recycle Train)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mucking Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Multiple Dozer Units With Single Blade	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pavement Breaker, Hydra- hammer & Similar	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Paving (dual Drum)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Paving Machine (asphalt And Concrete)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Piledriving Engineers	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Plant Oiler	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Posthole Auger Or Punch	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Power Broom	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pump (grout Or Jet)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pumpman	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Quad-track Or Similar Equipment	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Railroad Ballast Regulation Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Railroad Power Tamper Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Railroad Tamper Jack Operator (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Railroad Track Liner Operator (self-propelled)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Refrigeration Plant Engineer (1000 Tons & Over)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Refrigeration Plant Engineer (under 1000 Ton)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rollerman (finishing Asphalt Pavement)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Roto Mill (pavement Grinder)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rotomill Groundsman	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Scrapers, All, Rubber-tired	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Screed Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Shovels (3 Yds. & Over)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Shovels (under 3 Yds.)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$42.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Soil Stabilizer (p & H Or Similar)	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Spray Curing Machine (concrete)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Spreader Box (self-propelled)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Spreader Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Steam Cleaner	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Straddle Buggy (ross & Similar On Construction Job Only)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Surface Heater & Planer Machine	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Traverse Finish Machine	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Trenching Machines (7 Ft. Depth & Over)	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Trenching Machines (under 7 Ft. Depth Capacity)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Tug Boat Operator	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Tugger Operator	\$41.33	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Turnhead (with Re-screening)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Turnhead Operator	\$41.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Vactor Guzzler, Super Sucker	\$42.54	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Vacuum Blasting Machine Operator	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Vacuum Drill (reverse Circulation Drill Under 8" Bit)	\$42.10	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Welding Machine	\$41.01	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators- Underground Sewer & Water</u>	Whirleys & Hammerheads, All	\$42.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Line Clearance Tree Trimmers</u>	Journey Level In Charge	\$47.08	<u>5A</u>	<u>4A</u>	
Grant	<u>Power Line Clearance Tree Trimmers</u>	Spray Person	\$44.64	<u>5A</u>	<u>4A</u>	
Grant	<u>Power Line Clearance Tree Trimmers</u>	Tree Equipment Operator	\$47.08	<u>5A</u>	<u>4A</u>	
Grant	<u>Power Line Clearance Tree Trimmers</u>	Tree Trimmer	\$42.01	<u>5A</u>	<u>4A</u>	
Grant	<u>Power Line Clearance Tree Trimmers</u>	Tree Trimmer Groundperson	\$31.65	<u>5A</u>	<u>4A</u>	
Grant	<u>Refrigeration & Air Conditioning Mechanics</u>	Journey Level	\$27.67		<u>1</u>	
Grant	<u>Residential Brick Mason</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>	
Grant	<u>Residential Carpenters</u>	Journey Level	\$13.86		<u>1</u>	
Grant	<u>Residential Cement Masons</u>	Journey Level	\$9.50		<u>1</u>	
Grant	<u>Residential Drywall Applicators</u>	Journey Level	\$17.49		<u>1</u>	
Grant	<u>Residential Drywall Tapers</u>	Journey Level	\$14.00		<u>1</u>	
Grant	<u>Residential Electricians</u>	Journey Level	\$22.95		<u>1</u>	
Grant	<u>Residential Glaziers</u>	Journey Level	\$13.80		<u>1</u>	
Grant	<u>Residential Insulation Applicators</u>	Journey Level	\$10.00		<u>1</u>	
Grant	<u>Residential Laborers</u>	Journey Level	\$11.10		<u>1</u>	
Grant	<u>Residential Marble Setters</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>	
Grant	<u>Residential Painters</u>	Journey Level	\$13.52		<u>1</u>	
Grant	<u>Residential Plumbers & Pipefitters</u>	Journey Level	\$21.17		<u>1</u>	
Grant	<u>Residential Refrigeration & Air Conditioning Mechanics</u>	Journey Level	\$21.17		<u>1</u>	
Grant	<u>Residential Sheet Metal Workers</u>	Journey Level (Field or Shop)	\$26.53		<u>1</u>	
Grant	<u>Residential Soft Floor Layers</u>	Journey Level	\$22.77		<u>1</u>	
Grant	<u>Residential Sprinkler Fitters (Fire Protection)</u>	Journey Level	\$16.84		<u>1</u>	
Grant	<u>Residential Stone Masons</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>	
Grant	<u>Residential Terrazzo Workers</u>	Journey Level	\$9.47		<u>1</u>	
Grant	<u>Residential Terrazzo/Tile Finishers</u>	Journey Level	\$17.00		<u>1</u>	
Grant	<u>Residential Tile Setters</u>	Journey Level	\$9.47		<u>1</u>	
Grant	<u>Roofers</u>	Journey Level	\$26.11		<u>1</u>	
Grant	<u>Sheet Metal Workers</u>	Journey Level (Field or Shop)	\$51.46	<u>6Z</u>	<u>1B</u>	
Grant	<u>Sign Makers & Installers (Electrical)</u>	Journey Level	\$61.20	<u>7F</u>	<u>1E</u>	
Grant	<u>Sign Makers & Installers (Non- Electrical)</u>	Journey Level	\$14.65		<u>1</u>	
Grant	<u>Soft Floor Layers</u>	Journey Level	\$22.77		<u>1</u>	
Grant	<u>Solar Controls For Windows</u>	Journey Level	\$9.47		<u>1</u>	

Grant	<u>Sprinkler Fitters (Fire Protection)</u>	Journey Level	\$53.00	<u>7J</u>	<u>1R</u>
Grant	<u>Stage Rigging Mechanics (Non Structural)</u>	Journey Level	\$13.23		<u>1</u>
Grant	<u>Stone Masons</u>	Journey Level	\$46.34	<u>5A</u>	<u>1M</u>
Grant	<u>Street And Parking Lot Sweeper Workers</u>	Journey Level	\$14.00		<u>1</u>
Grant	<u>Surveyors</u>	All Classifications	\$28.57	<u>Null</u>	<u>1</u>
Grant	<u>Telecommunication Technicians</u>	Journey Level	\$17.65		<u>1</u>
Grant	<u>Telephone Line Construction - Outside</u>	Cable Splicer	\$37.60	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Hole Digger/Ground Person	\$20.79	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Installer (Repairer)	\$36.02	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Special Aparatus Installer I	\$37.60	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Special Apparatus Installer II	\$36.82	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Telephone Equipment Operator (Heavy)	\$37.60	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Telephone Equipment Operator (Light)	\$34.94	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Telephone Lineperson	\$34.93	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Television Groundperson	\$19.73	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Television Lineperson/Installer	\$26.31	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Television System Technician	\$31.50	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Television Technician	\$28.23	<u>5A</u>	<u>2B</u>
Grant	<u>Telephone Line Construction - Outside</u>	Tree Trimmer	\$34.93	<u>5A</u>	<u>2B</u>
Grant	<u>Terrazzo Workers</u>	Journey Level	\$39.42	<u>5A</u>	<u>1M</u>
Grant	<u>Tile Setters</u>	Journey Level	\$39.42	<u>5A</u>	<u>1M</u>
Grant	<u>Tile, Marble & Terrazzo Finishers</u>	Journey Level	\$32.20	<u>5A</u>	<u>1M</u>
Grant	<u>Traffic Control Stripers</u>	Journey Level	\$44.35	<u>7A</u>	<u>1K</u>
Grant	<u>Truck Drivers</u>	Dump Truck	\$26.09		<u>1</u>
Grant	<u>Truck Drivers</u>	Dump Truck And Trailer	\$26.09		<u>1</u>
Grant	<u>Truck Drivers</u>	Other Trucks	\$27.84		<u>1</u>
Grant	<u>Truck Drivers</u>	Transit Mixer	\$10.00		<u>1</u>
Grant	<u>Well Drillers & Irrigation Pump Installers</u>	Irrigation Pump Installer	\$13.61		<u>1</u>
Grant	<u>Well Drillers & Irrigation Pump Installers</u>	Oiler	\$9.47		<u>1</u>
Grant		Well Driller	\$18.00		<u>1</u>

Well Drillers & Irrigation Pump
Installers

| | | |

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SUMMARY OF QUANTITIES

ITEM No.	TOTAL QUANTITY	UNIT	ITEM	CRP 15-11 VARIOUS COUNTY ROAD LOCATIONS			
PREPARATION							
1	1	L.S.	Mobilization	L.S.			
2	1	L.S.	Notification	L.S.			
TRAFFIC							
3	228	EA	Remove Existing Warning Sign & Post	228			
4	350	EA	30" Warning Sign with Steel Sign Support Type ST-2	350			
5	33	EA	W1-6, Large Arrow 48"x24" with Steel Sign Support Type ST-2	33			
6	2	EA	W1-7, Double Large Arrow 48"x24" with Steel Sign Support Type ST-2	2			
7	1569	EA	W1-8, Chevron 18"x24" with Steel Sign Support Type ST-2	1569			
8	319	EA	W13-1P, Speed Plaque	319			
9	1	L.S.	Project Temporary Traffic Control	L.S.			
OTHER ITEMS							
10	1	L.S.	Spill Prevention, Control, and Countermeasure (SPCC) Plan	L.S.			
11	-1	CALC.	Minor Changes	-1			

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TIME				COUNTY NO.	STATE	FED.AID PROJ.NO.				PLAN REF NO
DATE				13	WASH	HSIP-000S(425)				SQ1
PLOTTED BY	S. Dart			PROGRAM NUMBER						
DESIGNED BY	S. Dart									
ENTERED BY	S. Dart									
CHECKED BY	J. Tincher									
PROJ. ENGR.	B. Bersanti									
COUNTY ENGINEER	J. Tincher									
		REVISION	DATE	BY		ROAD LOG NUMBER				
						VARIOUS				



JEFFREY C. TINCHER
PROFESSIONAL ENGINEER
10/20/16
DATE



Grant County
Public Works Department
124 Enterprise St. SE
Ephrata, WA 98823
(509) 754-6082

CRP 15-11
2015 COUNTY ROAD SAFETY
HORIZONTAL CURVE SIGNS
SUMMARY OF QUANTITIES

SHEET
2
OF
22
SHEETS

CRP 15-11 County Road Safety				LOCATIONS						BID ITEM No. 3 (Remove Existing Warning Sign & Post)	BID ITEM No. 4 (30" Warning Sign with Steel Sign Support Type ST-2)										BID ITEM No. 5 (Large Arrow)	BID ITEM No. 6 (Double Large Arrow)	BID ITEM No. 7 (Chevron)	BID ITEM No. 8 (Speed Plaque)														
Horizontal Curve Design - By Road Log# (County Wide) (Design Does Not include Gravel Roads)				Remove Existing Sign At Mile Post	PC Mile Post	PT Mile Post	Advance Placement Distance	Chevron Spacing - Adjusted to Fit Curve	Proposed Sign Location - Increasing Mile Post	Proposed Sign Location - Decreasing Mile Post	Remove Existing Sign	W1-1A, Turn 30"x30"	W1-1AR, Turn 30"x30"	W1-1L, Turn 30"x30"	W1-1R, Turn 30"x30"	W1-2AL, Curve 30"x30" Speed on Sign	W1-2AR, Curve 30"x30" Speed on Sign	W1-2L, Curve 30"x30"	W1-2R, Curve 30"x30"	W1-3L, Reverse Turn 30"x30"	W1-3R, Reverse Turn 30"x30"	W1-4L, Reverse Curve 30"x30"	W1-4R, Reverse Curve 30"x30"	W1-5L, Winding Road 30"x30"	W1-5R, Winding Road 30"x30"	W1-6, Large Arrow 48"x24"	W1-7, Double Large Arrow 48"x24"	W1-8, Chevron 18"x24"	W13-1P, 24"x24" 10 MPH	W13-1P, 24"x24" 15 MPH	W13-1P, 24"x24" 20 MPH	W13-1P, 24"x24" 25 MPH	W13-1P, 24"x24" 30 MPH	W13-1P, 24"x24" 35 MPH	W13-1P, 24"x24" 40 MPH	W13-1P, 24"x24" 45 MPH		
Road Name	Road Log #	Begin Mile Post	End Mile Post																																			
10.5-SE	20520	0.00	7.48	1.22						1																												
					1.34	1.39	125	65	1.31																													
					1.42	1.47	125	64																														
					1.57	1.61	125	69																														
					1.68	1.73	125	70																														
					1.76	1.80	125	71	1.82																													
					1.96	2.04	125	71	1.94																													
					2.14	2.19	125	66	2.21																													
					2.99	3.02	125	78	2.97																													
					3.05	3.11	125	78	3.13																													
				3.11						1																												
				3.19						1																												
					3.65	3.68	125	57	3.62																													
					3.69	3.72	125	61																														
					3.81	3.83	125	61																														
					3.85	3.89	125	66	3.91																													
					4.48	4.52	100	69	4.46	4.54																												
					4.78	4.81	125	59	4.75																													
					4.85	4.89	125	80	4.54																													
					5.77	5.88	100	115	5.75	5.90																												
					6.60	6.64	100	85	6.58	6.66																												
					7.28	7.33	125	76	7.25	7.36																												
				6.36						1																												
				7.15						1																												
Kulm Rd	20880	0.00	3.51	0.24						1																												
					0.30	0.40	100	80	0.28	0.31																												
					0.47					1																												
					1.11					1																												
					1.23	1.27	100	64	1.21																													
					1.36	1.40	100	67	1.42																													
					1.64	1.75	100	76	1.62																													
					1.77	1.81	100	74	1.83																													
					2.23	2.31	100	70	2.25	2.33																												
				2.33						1																												
				2.66						1																												
					2.73	2.76	100	56	2.71																													
					2.80	2.83	100	58																														
					2.86	2.90	100	78																														
					2.93	2.95	100	56																														
					2.99	3.02	100	35	3.04																													
				3.07						1																												
				</																																		

CRP 15-11 County Road Safety				LOCATIONS							BID ITEM No. 3 (Remove Existing Warning Sign & Post)	BID ITEM No. 4 (30" Warning Sign with Steel Sign Support Type ST-2)										BID ITEM No. 5 (Large Arrow)	BID ITEM No. 6 (Double Large Arrow)	BID ITEM No. 7 (Chevron)	BID ITEM No. 8 (Speed Plaque)															
Horizontal Curve Design - By Road Log# (County Wide) (Design Does Not include Gravel Roads)				Remove Existing Sign At Mile Post	PC Mile Post	PT Mile Post	Advance Placement Distance	Chevron Spacing - Adjusted to Fit Curve	Proposed Sign Location - Increasing Mile Post	Proposed Sign Location - Decreasing Mile Post	Remove Existing Sign	W1-1AL, Turn 30"x30"	W1-1AR, Turn 30"x30"	W1-1L, Turn 30"x30"	W1-1R, Turn 30"x30"	W1-2AL, Curve 30"x30" Speed on Sign	W1-2AR, Curve 30"x30" Speed on Sign	W1-2L, Curve 30"x30"	W1-2R, Curve 30"x30"	W1-3L, Reverse Turn 30"x30"	W1-3R, Reverse Turn 30"x30"	W1-4L, Reverse Curve 30"x30"	W1-4R, Reverse Curve 30"x30"	W1-5L, Winding Road 30"x30"	W1-5R, Winding Road 30"x30"	W1-6, Large Arrow 48"x24"	W1-7, Double Large Arrow 48"x24"	W1-8, Chevron 18"x24"	W13-1P, 24"x24" 10 MPH	W13-1P, 24"x24" 15 MPH	W13-1P, 24"x24" 20 MPH	W13-1P, 24"x24" 25 MPH	W13-1P, 24"x24" 30 MPH	W13-1P, 24"x24" 35 MPH	W13-1P, 24"x24" 40 MPH	W13-1P, 24"x24" 45 MPH				
Road Name	Road Log #	Begin Mile Post	End Mile Post																																					
Panorama DR	40750	4.80	5.85	4.64						1																														
				4.79	4.91	100	111	4.77	4.93								1	1										12								2				
				5.03						1																														
Westshore DR	40950	3.70	5.22	4.18						1																														
				4.20	4.24	100		4.18	4.26				1	1																										
				4.26				4.20	4.22																	2														
				4.43						1																														
				4.45	4.48	100		4.44	4.50				1	1																										
				4.50				4.47	4.46																	2														
Kory LN	43052	0.00	0.53	0.22						1																														
				0.24	0.27	100	40	0.22	0.29				1	1																										
				0.26						1																														
				0.26						1																														
				0.40						1																														
				0.43						1																														
				0.43	0.45	100		0.41	0.44				1	1																										
				0.43				0.43	0.43																	2														
				0.45						1																														
K.7-NE	43070	0.00	1.06	0.06						1																														
				0.25						1																														
								0.06	0.25																															
				0.37						1																														
				0.60	0.63	125	33	0.58	0.65				1	1																										
				0.70						1																														
				0.73						1			1	1																										
				0.81	0.86	175	66	0.77	0.89																															
				0.89						1																														
5.6-NE	44860	0.00	1.07	0.82						1																														
				0.93	0.97	175	68	0.90																																
				1.00	1.01	175																																		
								1.04																																
								1.03																																
								TOTAL THIS SHEET																																
										20				6	6																									

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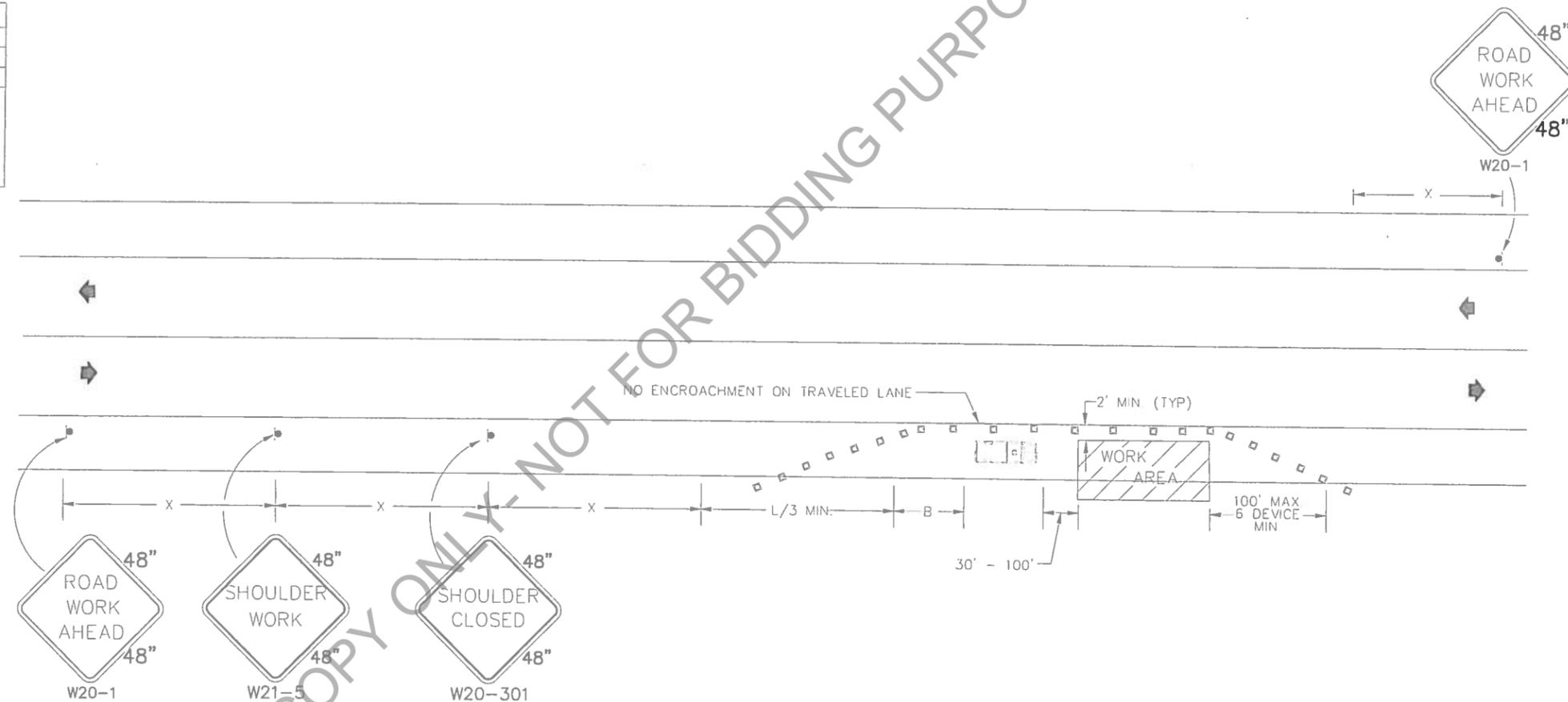
TIME	DATE	PLOTTED BY	DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	COUNTY ENGINEER	REVISION	DATE	BY	COUNTY NO. 13 STATE WASH PROGRAM NUMBER ROAD LOG NUMBER VARIOUS	FED.AID PROJ.NO. HSIP-000S(425) 		Grant County Public Works Department 124 Enterprise St. SE Ephrata, WA 98823 (509) 754-6082	CRP 15-11 2015 COUNTY ROAD SAFETY HORIZONTAL CURVE SIGNS QUANTITY TAB./LOCATIONS	PLAN REF NO QT16 SHEET 18 OF 22 SHEETS
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BUFFER DATA (FEET)										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730

LANE WIDTH (FEET)	MINIMUM TAPER LENGTH = L (FEET)									
	POSTED SPEED LIMIT (MPH)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

SIGN SPACING = X (FEET)		
FREEWAYS/EXPRESSWAYS	55/70 MPH	1500±
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±
BUSINESS DISTRICTS		
URBAN STREETS	25 MPH/LESS	100±



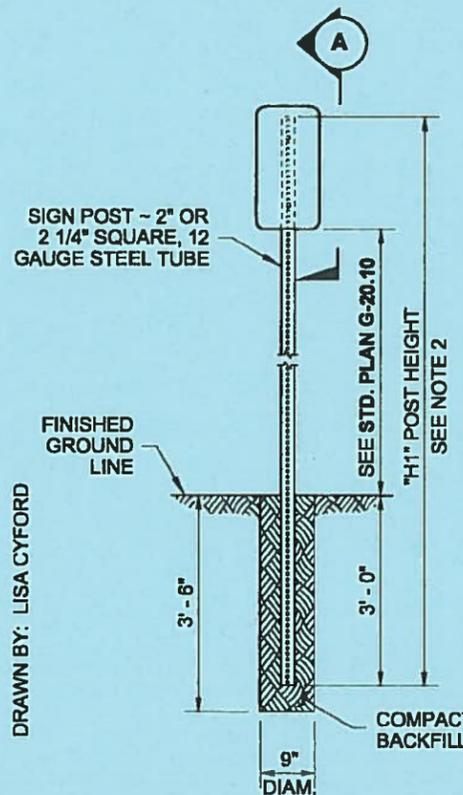
LEGEND

- TEMPORARY TRAFFIC CONTROL DEVICES
- SIGN
- ▨ WORK AREA CLOSED TO TRAFFIC
- ▭ PROTECTIVE VEHICLE W/ WARNING BEACON

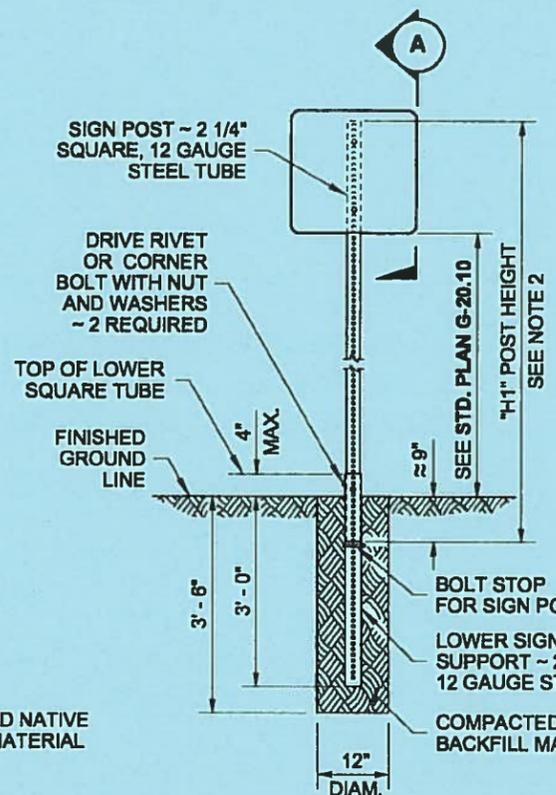
TRAFFIC CONTROL PLAN
 APPROVED FOR SHOULDER WORK.
 APPROVED FOR CURVE SIGN INSTALLATIONS

NOTES:
 MAXIMUM 2 MILE SHOULDER CLOSURE LIMIT.
 THIS TRAFFIC CONTROL PLAN NOT APPROVED FOR NIGHT WORK.
 NO FLAGGERS OR SPOTTERS.
 THIS TRAFFIC CONTROL PLAN SHALL BE USED IN TWO-LANE AND THREE-LANE SECTIONS

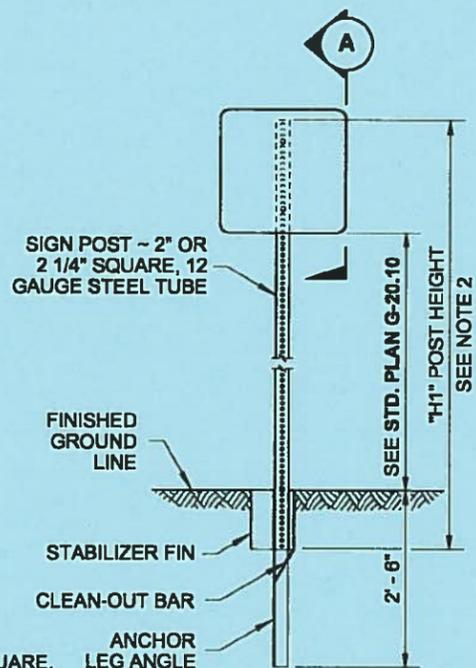
TIME			COUNTY NO	STATE	FED.AID PROJ.NO.			Grant County Public Works Department 124 Enterprise St. SE Ephrata, WA 98823 (509) 754-6082	CRP 15-11 2015 COUNTY ROAD SAFETY HORIZONTAL CURVE SIGNS TRAFFIC CONTROL PLAN	PLAN REF NO
DATE			13	WASH	HSIP-000S(425)					TCP1
PLOTTED BY	S. Dart		PROGRAM NUMBER		ROAD LOG NUMBER	10/20/16 DATE P.E. STAMP BOX				SHEET
DESIGNED BY	S. Dart				VARIOUS					22
ENTERED BY	S. Dart									OF
CHECKED BY	J. Tincher									22
PROJ. ENGR.	B. Bersanti									SHEETS
COUNTY ENGINEER	J. Tincher	REVISION		DATE	BY					



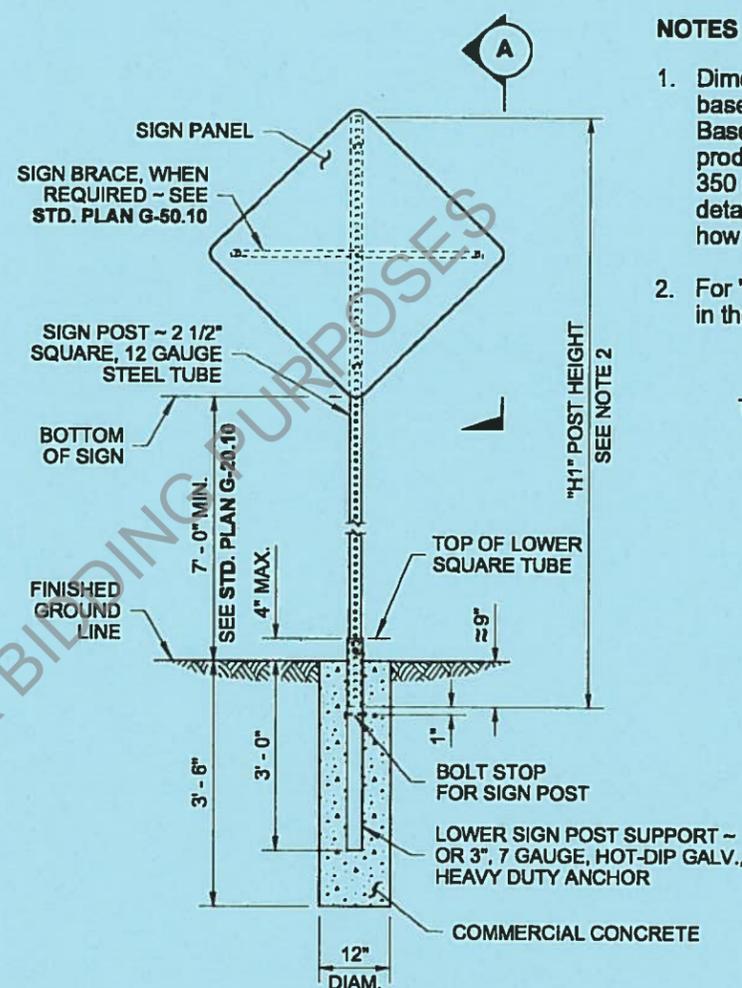
ELEVATION
TYPE ST-1 SIGN SUPPORT



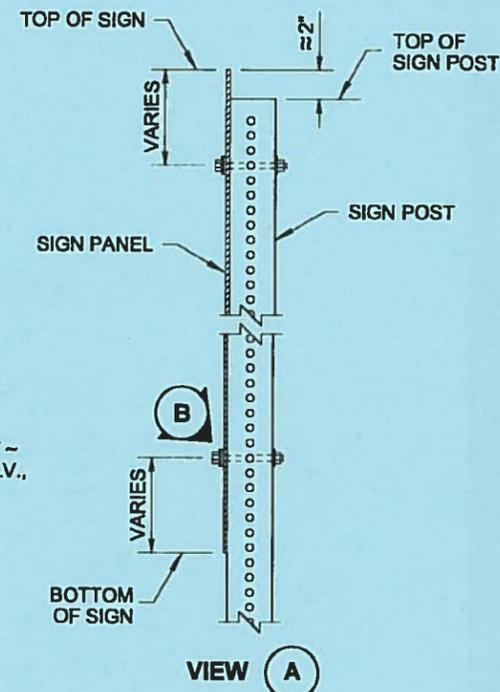
ELEVATION
TYPE ST-2 SIGN SUPPORT



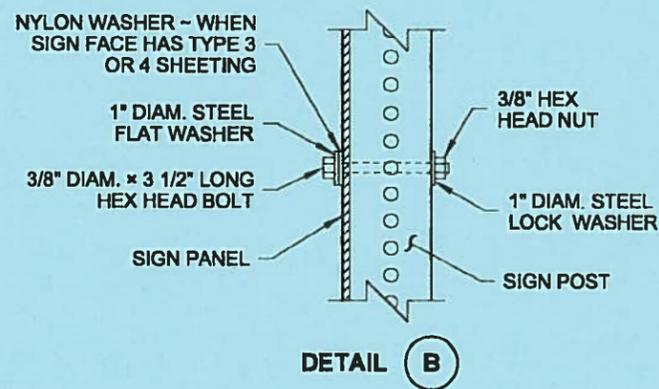
ELEVATION
TYPE ST-3 SIGN SUPPORT



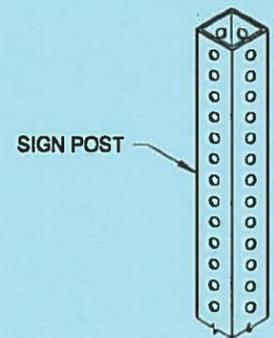
ELEVATION
TYPE ST-4 SIGN SUPPORT



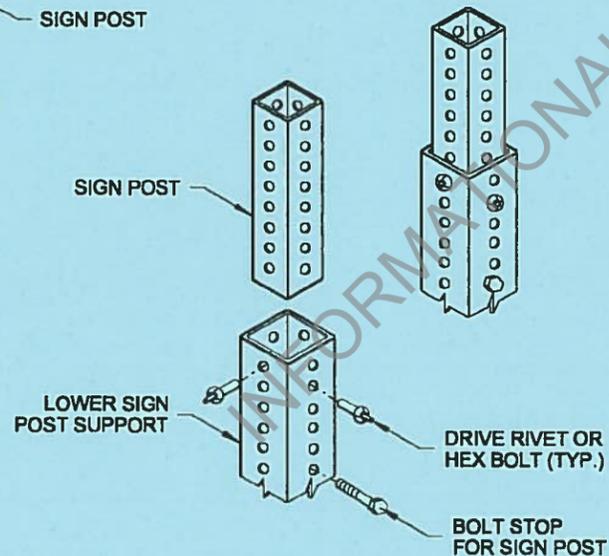
VIEW A



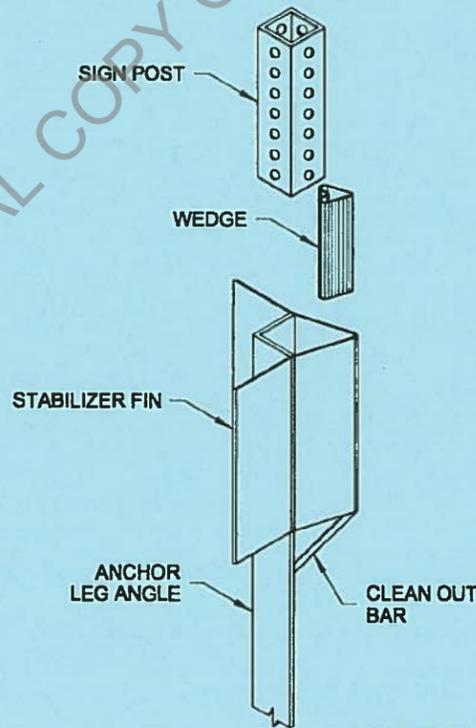
DETAIL B



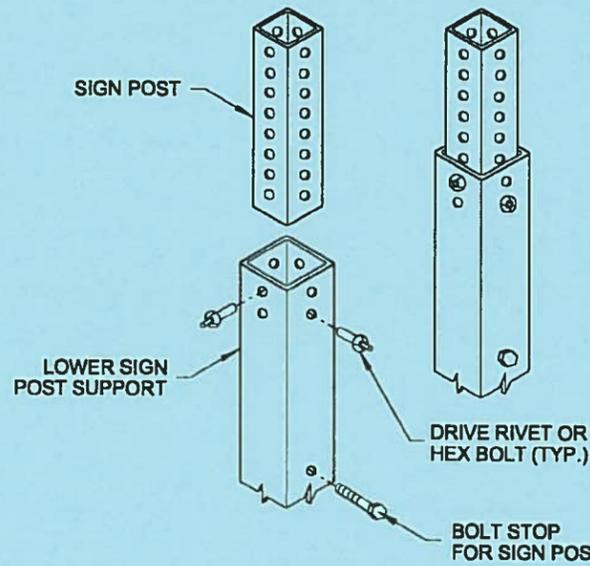
TYPE ST-1



TYPE ST-2



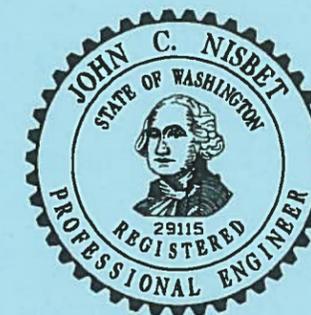
TYPE ST-3



TYPE ST-4

NOTES

- Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled.
- For "H1" refer to the Sign Specification Sheet in the Contract.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**STEEL SIGN SUPPORT
TYPES ST-1 ~ ST-4
INSTALLATION DETAILS
STANDARD PLAN G-24.50-01**

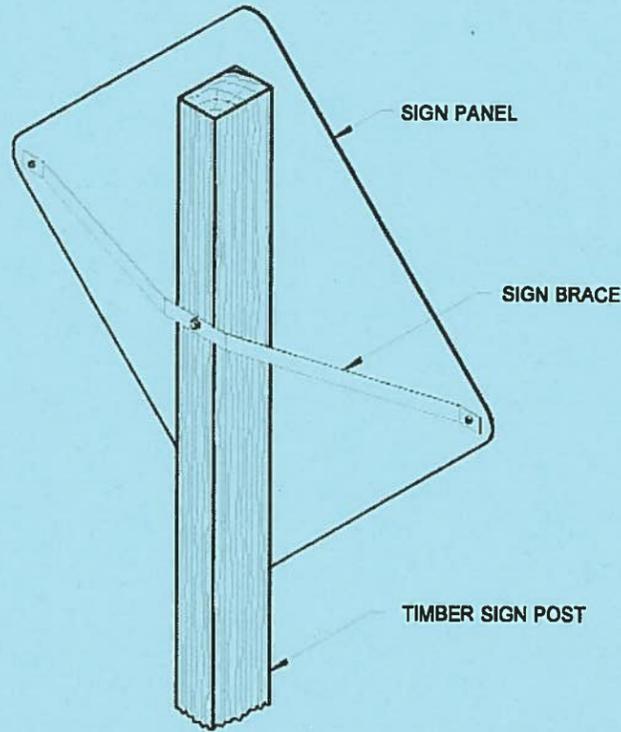
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

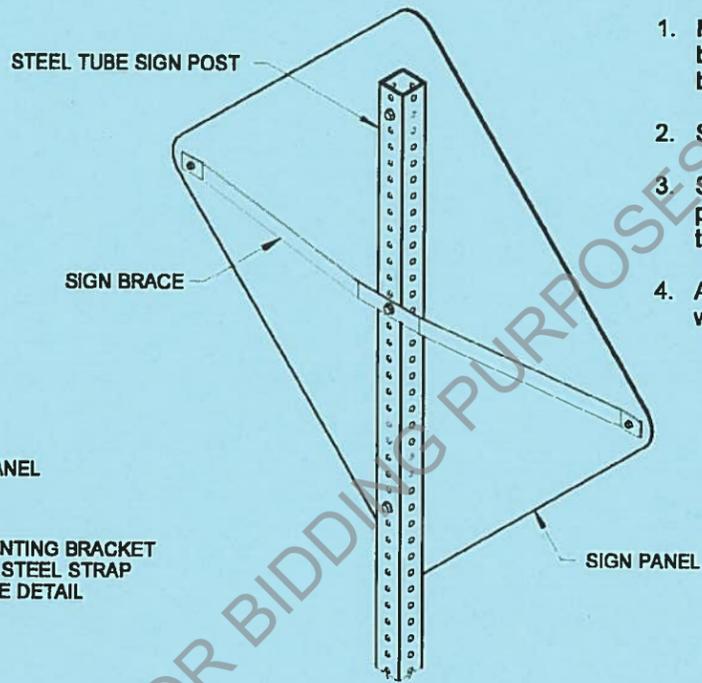
Pasco Bakotich III 02-07-12
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

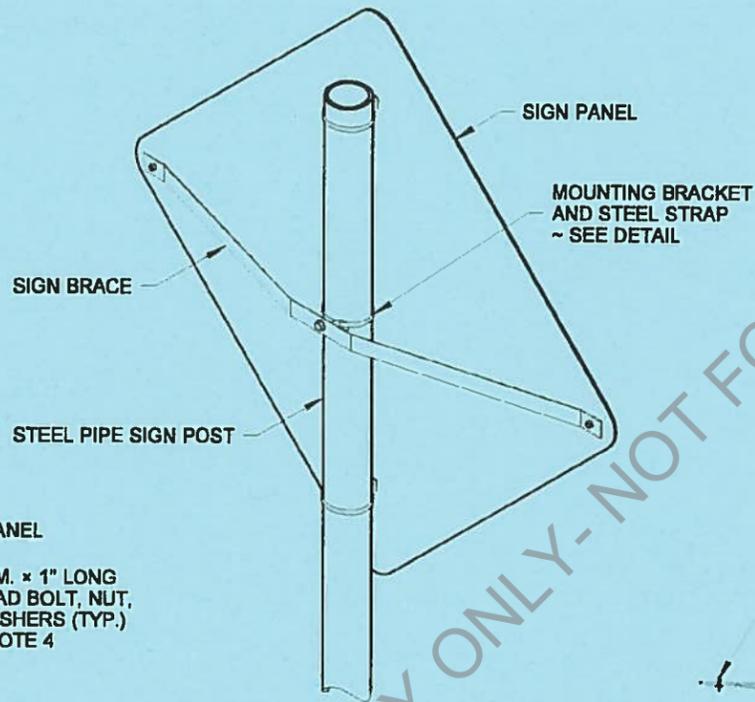
DRAWN BY: ELENA BRUNSTEIN



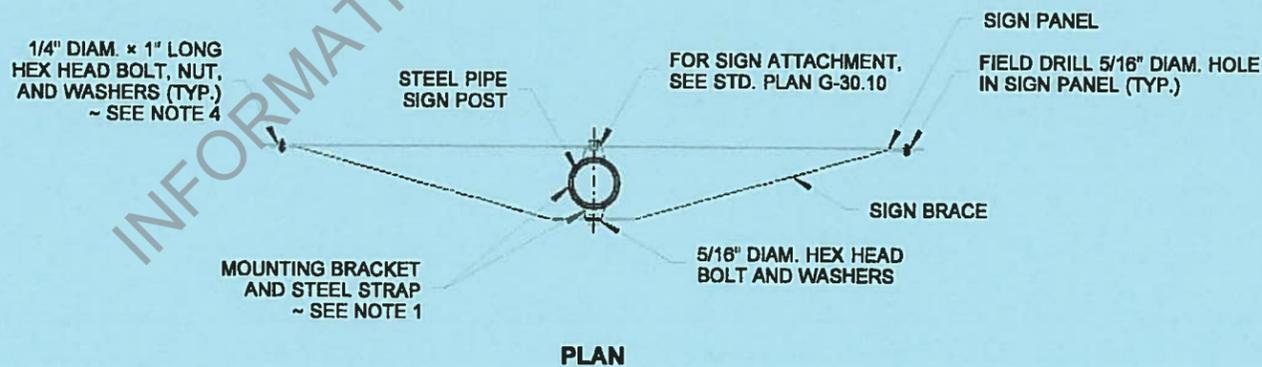
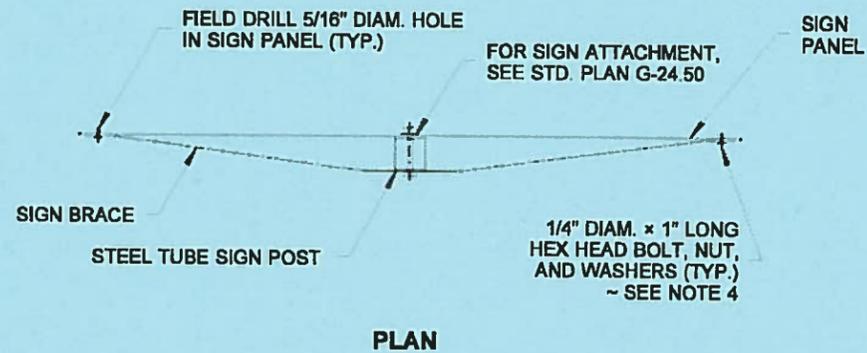
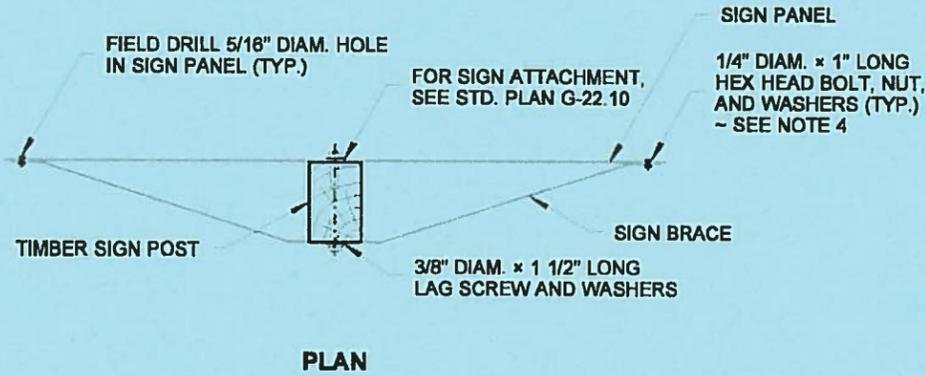
SIGN BRACE ON TIMBER POST



SIGN BRACE ON STEEL TUBE

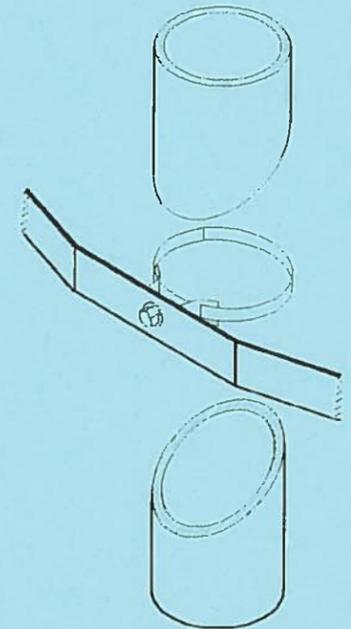


SIGN BRACE ON STEEL PIPE

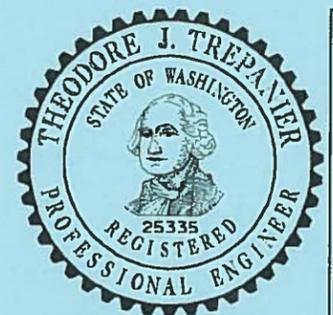


NOTES

1. Mounting brackets with steel straps shall be a stainless steel band and buckle system product or an approved equal. Mounting brackets shall be one bolt, flared leg; steel straps shall be 3/4" wide and 0.030" thick.
2. Sign braces are only installed when specified in the contract.
3. Sign braces are typically necessary on large sign panels that are exposed to high winds, traffic generated wind buffeting, or when snow thrown from plows might impact the sign.
4. A nylon washer shall be placed between the sign and the steel washer when the sign face has Type 3 or 4 sheeting.



MOUNTING BRACKET AND STEEL STRAP DETAIL



EXPIRES AUGUST 9, 2009

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SIGN BRACING

STANDARD PLAN G-50.10-00

SHEET 1 OF 2 SHEETS

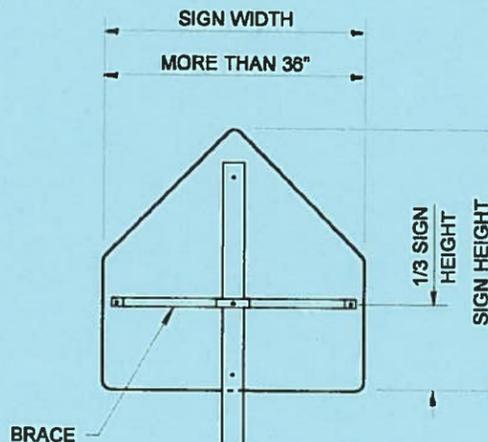
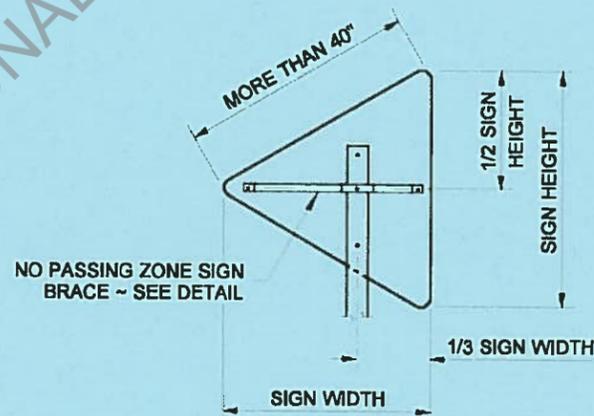
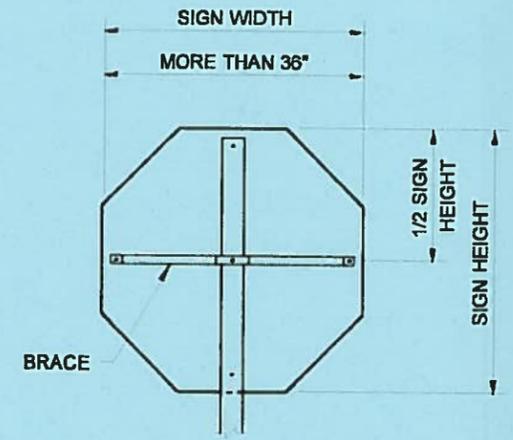
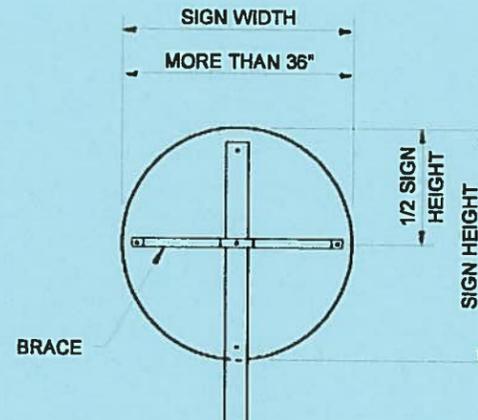
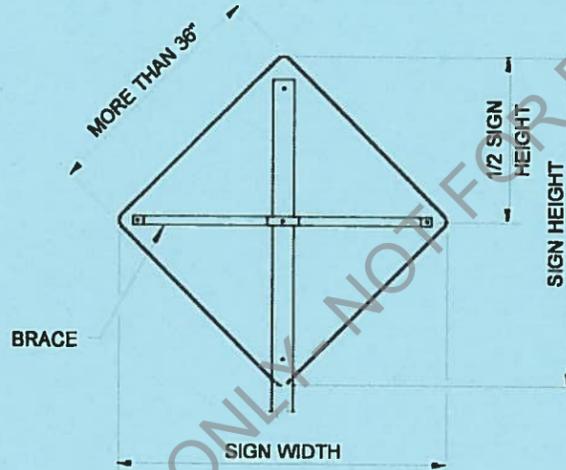
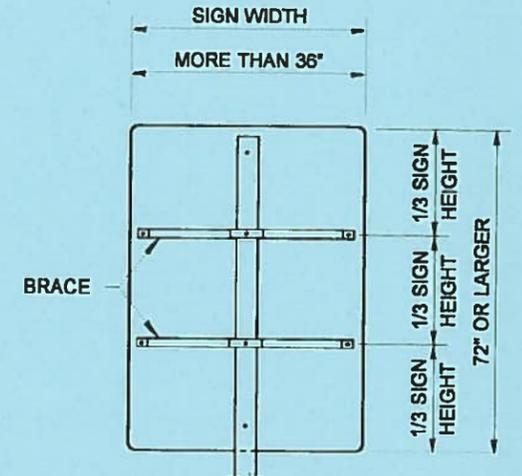
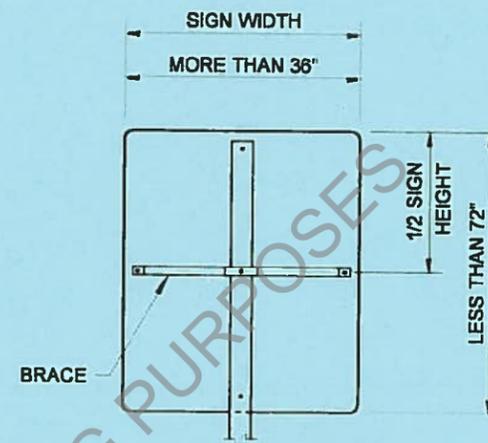
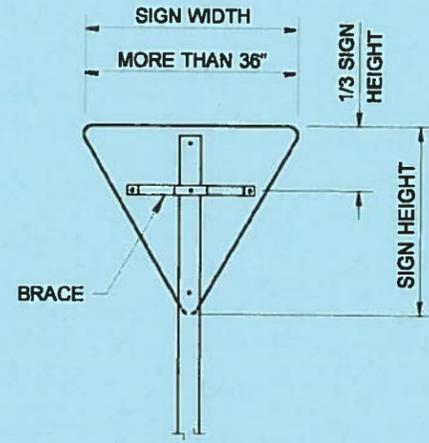
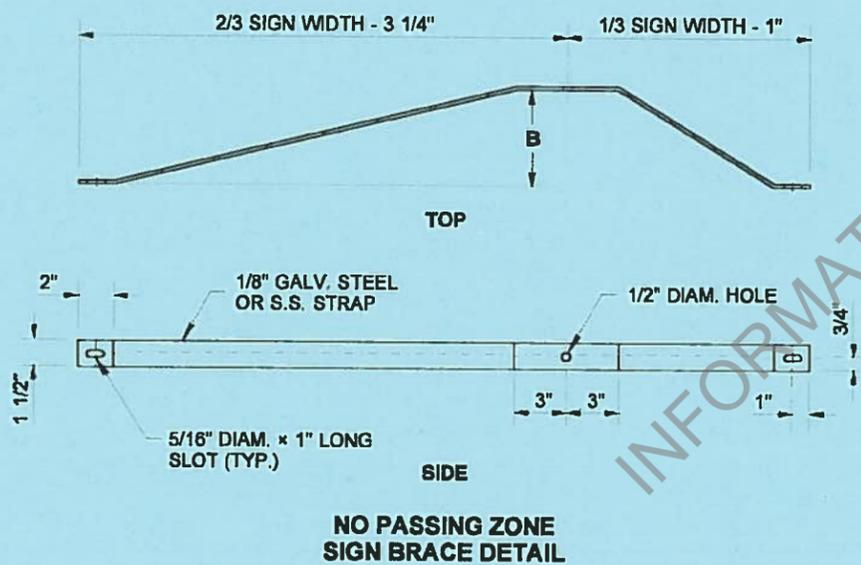
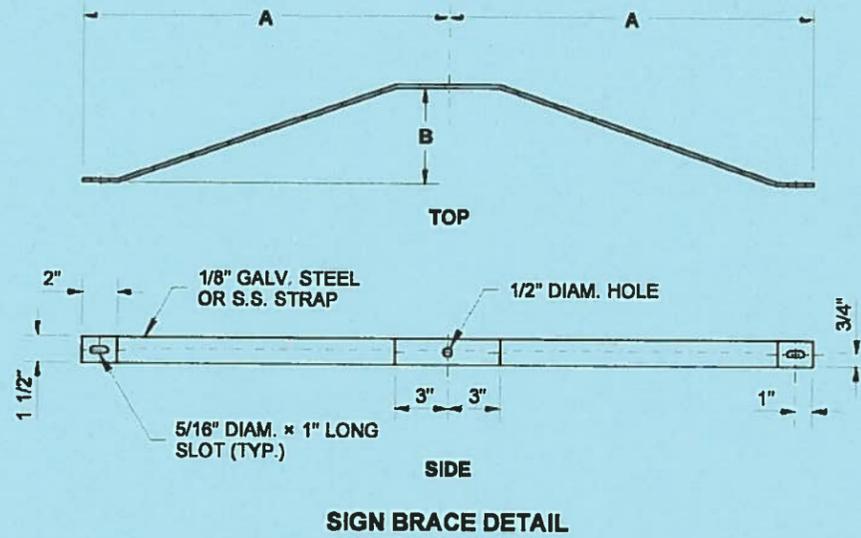
APPROVED FOR PUBLICATION

Pasco Bakotich III 11-8-07
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

DRAWN BY: ELENA BRUNSTEIN

SIGN BRACE DIMENSIONS				
	SIGN TYPE			
	YIELD	DIAMOND-SHAPED	OTHERS	
A	1/3 SIGN WIDTH - 1 3/4"	1/2 SIGN WIDTH - 2 1/4"	1/2 SIGN WIDTH - 1"	
	SIGN POST TYPE			
	4x6 OR 6x6 TIMBER POST	6x8 TIMBER POST	3" DIAM. STEEL PIPE	2 1/2" SQUARE TUBE
B	5 1/2"	7 1/2"	4 3/4"	2 1/2"



SIGN BRACE PLACEMENT



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EXPIRES AUGUST 9, 2009

SIGN BRACING
STANDARD PLAN G-50.10-00

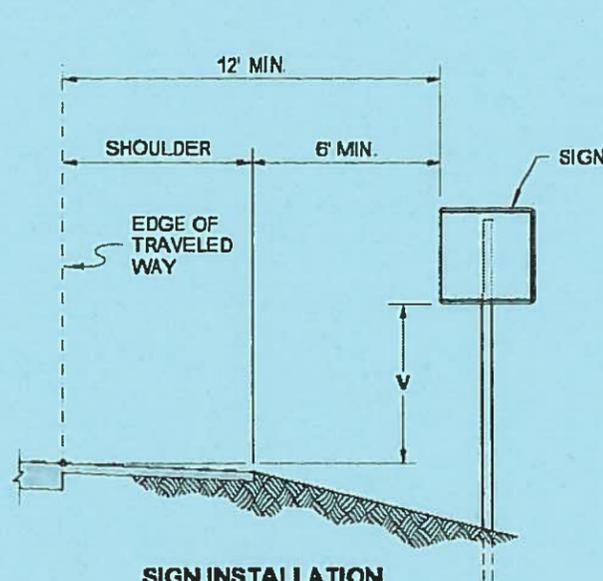
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

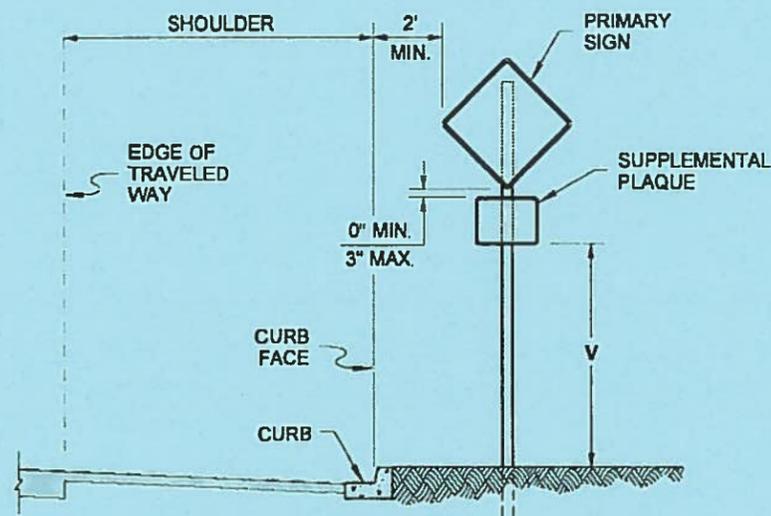
Pasco Bakotich III 11-8-07
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

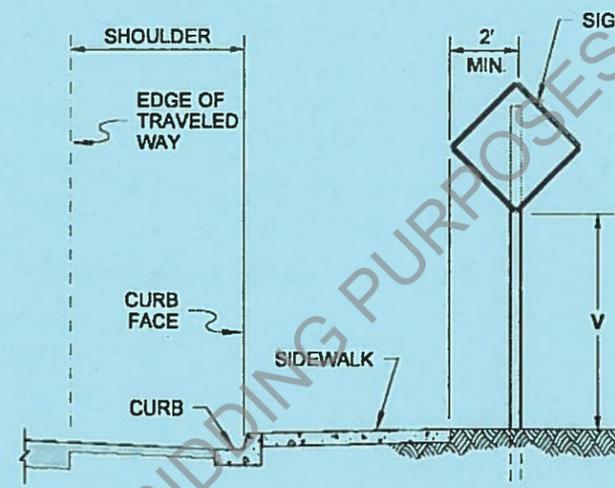
DRAWN BY: FERN LIDDELL



**SIGN INSTALLATION
(FILL SECTION)**



**SIGN INSTALLATION
(CURB SECTION)**

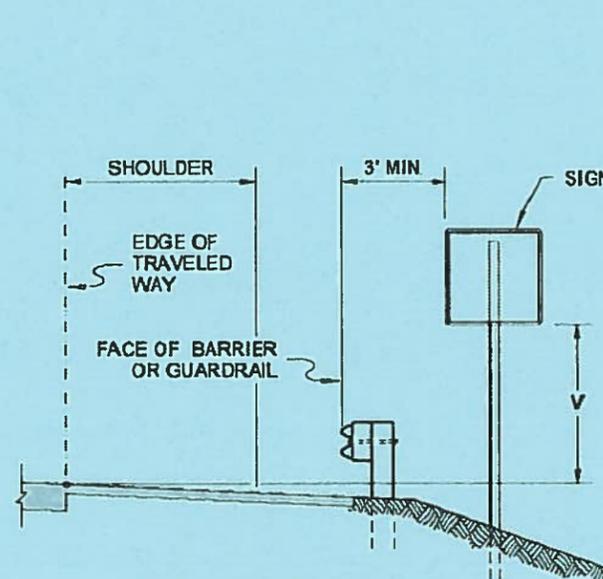


**SIGN INSTALLATION
(SIDEWALK AND CURB SECTION)**

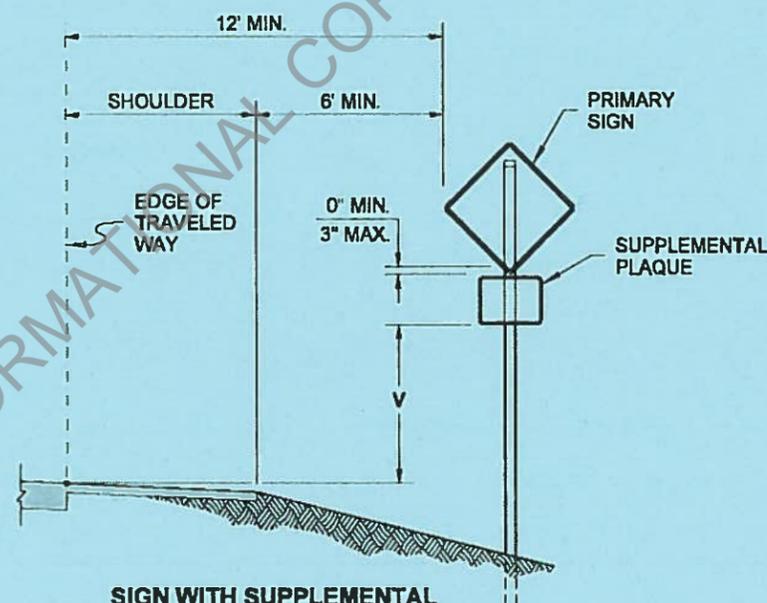
NOTES

1. For sign installation details, see **Standard Plan G - series**.
2. 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.
3. 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.

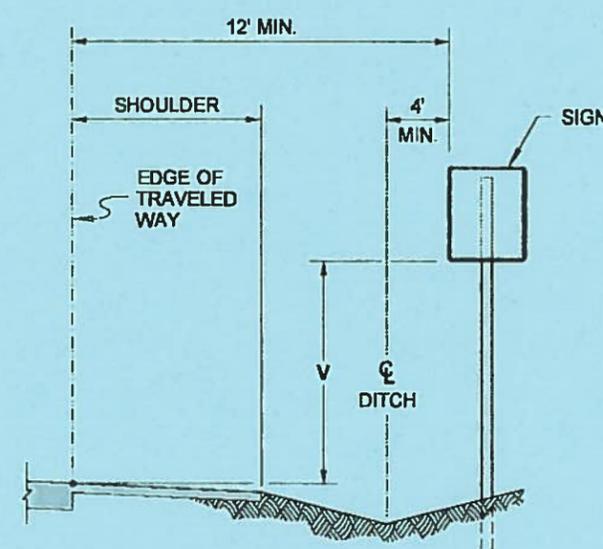
HEIGHT V		
	TO BOTTOM OF SIGN (NO SUPPLEMENTAL PLAQUE)	TO BOTTOM OF SUPPLEMENTAL PLAQUE (WHEN REQUIRED)
RURAL	5' MINIMUM	4' MINIMUM
URBAN	7' MINIMUM	6' MINIMUM



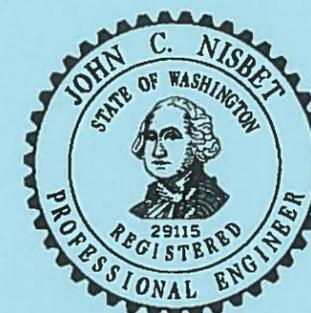
**SIGN INSTALLATION
(BEHIND TRAFFIC BARRIER)**



**SIGN WITH SUPPLEMENTAL
PLAQUE INSTALLATION
(FILL SECTION)**



**SIGN INSTALLATION
(DITCH SECTION)**



Nisbet, John
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 Carpenter, Jeff
 Jun 1 2016 4:20 PM
 STATE DESIGN ENGINEER
 Washington State Department of Transportation