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**GRANT COUNTY
PUBLIC WORKS DEPARTMENT**



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CONTRACT PROVISIONS and PLANS

**For Construction of:
BASELINE.5-SE ROAD RECONSTRUCTION PROJECT
CRP 18-02**

Sealed Bids will be opened on
May 14, 2019

at

1:30 P.M.

at the Office of the
Board of County Commissioners
Commissioners Hearing Room
P.O. Box 37
35 C Street NW, Room 206
Ephrata, Washington 98823

NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR BASELINE.5-SE ROAD RECONSTRUCTION PROJECT, CRP 18-02**", 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 206, Ephrata, WA, 98823, until **1:30 P.M., Tuesday, May 14, 2019** 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 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:

BASELINE.5-SE ROAD RECONSTRUCTION PROJECT – CRP 18-02

This contract provides for the reconstruction of 1.00 miles of two lane county road in Grant County, WA, and includes roadway excavation, embankment compaction, crushed surfacing base course, crushed surfacing top course, seeding and fertilizing, and other work all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

INFORMATIONAL COPY ONLY - NOT FOR BIDDING



County Board Engineer
Date

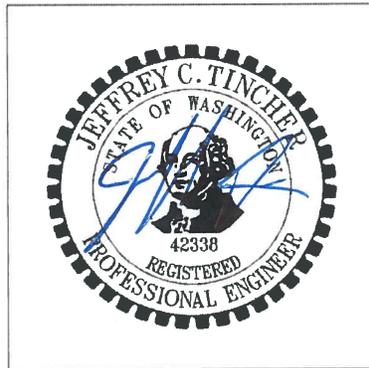
GRANT COUNTY PUBLIC WORKS
CRP 18-02
BASELINE.5-SE ROAD RECONSTRUCTION
PROJECT

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. Tincher P.E.
County Road Engineer

4/25/2019

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) CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES
To be filled in and signed by the bidder.
- (E) 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.
- (F) LOCAL AGENCY SUBCONTRACTOR LIST
To be filled in by the contractor.

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

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

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INFORMATIONAL COPY ONLY - NOT FOR BIDDING

1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2018
3 Standard Specifications for Road, Bridge, and Municipal Construction.
4

5 **AMENDMENTS TO THE STANDARD SPECIFICATIONS**
6

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

11
12 Each Amendment contains all current revisions to the applicable section of the Standard
13 Specifications and may include references which do not apply to this particular project.
14

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

17 **1-01.3 Definitions**

18 The following new term and definition is inserted before the definition for "Shoulder":
19

20 **Sensitive Area** – Natural features, which may be previously altered by human activity, that
21 are present on or adjacent to the project location and protected, managed, or regulated by
22 local, tribal, state, or federal agencies.
23

24 The following new term and definition is inserted after the definition for "Working Drawings":
25

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

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

32 **Section 1-02, Bid Procedures and Conditions**
33 **October 30, 2018**

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

35 This section is supplemented with the following:
36

37 Prospective Bidders are advised that the Contracting Agency may include a partially
38 completed Washington State Department of Ecology (Ecology) Transfer of Coverage
39 (Ecology Form ECY 020-87a) for the Construction Stormwater General Permit (CSWGP) as
40 part of the Bid Documents. When the Contracting Agency requires the transfer of coverage
41 of the CSWGP to the Contractor, an informational copy of the Transfer of Coverage and the
42 associated CSWGP will be included in the appendices. As a condition of Section 1-03.3, the
43 Contractor is required to complete sections I, III, and VIII of the Transfer of Coverage and
44 return the form to the Contracting Agency.
45

46 The Contracting Agency is responsible for compliance with the CSWGP until the end of day
47 that the Contract is executed. Beginning on the day after the Contract is executed, the

1 Contractor shall assume complete legal responsibility for compliance with the CSWGP and
2 full implementation of all conditions of the CSWGP as they apply to the Contract Work.
3

4 **1-02.5 Proposal Forms**

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

7 At the request of a Bidder, the Contracting Agency will provide a physical Proposal Form for
8 any project on which the Bidder is eligible to Bid.
9

10 **1-02.6 Preparation of Proposal**

11 Item number 1 of the second paragraph is revised to read:
12

- 13 1. A unit price for each item (omitting digits more than two places to the right of the decimal
14 point),
15

16 In the third sentence of the fourth paragraph, "WSDOT Form 422-031" is revised to read "WSDOT
17 Form 422-031U".
18

19 The following new paragraph is inserted before the last paragraph:
20

21 The Bidder shall submit with their Bid a completed Contractor Certification Wage Law
22 Compliance form (WSDOT Form 272-009). Failure to return this certification as part of the
23 Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A Contractor
24 Certification of Wage Law Compliance form is included in the Proposal Forms.
25
26

27 **Section 1-03, Award and Execution of Contract** 28 **January 2, 2018**

29 **1-03.3 Execution of Contract**

30 The first paragraph is revised to read:
31

32 Within 20 calendar days after the Award date, the successful Bidder shall return the signed
33 Contracting Agency-prepared Contract, an insurance certification as required by Section 1-
34 07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage
35 form for the Construction Stormwater General Permit with sections I, III, and VIII completed
36 when provided, and shall be registered as a contractor in the state of Washington.
37

38 **1-03.5 Failure to Execute Contract**

39 The first sentence is revised to read:
40

41 Failure to return the insurance certification and bond with the signed Contract as required in
42 Section 1-03.3, or failure to provide Disadvantaged, Minority or Women's Business
43 Enterprise information if required in the Contract, or failure or refusal to sign the Contract, or
44 failure to register as a contractor in the state of Washington, or failure to return the completed
45 Transfer of Coverage for the Construction Stormwater General Permit to the Contracting
46 Agency when provided shall result in forfeiture of the proposal bond or deposit of this Bidder.
47

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

3 **1-05.5 Vacant**

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

5

6 **1-05.5 Tolerances**

7 Geometrical tolerances shall be measured from the points, lines, and surfaces defined in
8 Contract documents.

9

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

14

15 Tolerances shall not be cumulative. The most restrictive tolerance shall control.

16

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

21

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

26

27 **1-05.9 Equipment**

28 The following new paragraph is inserted before the first paragraph:

29

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

33

34 This section is supplemented with the following:

35

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

38

39 **Section 1-06, Control of Material**
40 **January 7, 2019**

41 **1-06.1(3) Aggregate Source Approval (ASA) Database**

42 This section is supplemented with the following:

43

44 Regardless of status of the source, whether listed or not listed in the ASA database the source
45 owner may be asked to provide testing results for toxicity in accordance with Section 9-
46 03.21(1).

47

48 **1-06.2(2)D Quality Level Analysis**

49 This section is supplemented with the following new subsection:

50

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

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

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

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

Where:

x = individual compaction test values for each subplot in the lot.

$\sum x$ = summation of individual compaction test values

n = total number test values

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

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

Where:

$\sum x^2$ = summation of the squares of individual compaction test values

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

3. Compute the lower quality index (Q_L).

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

Where:

$LSL = 92.0$

4. Determine P_L (the percent within the lower Specification limit which corresponds to a given Q_L) from Table 1. For negative values of Q_L , P_L is equal to 100 minus the table P_L . If the value of Q_L does not correspond exactly to a figure in the table, use the next higher value.

5. Determine the quality level (the total percent within Specification limits):

Quality Level = P_L

6. Using the quality level from step 5, determine the composite pay factor (CPF) from Table 2.

7. If the CPF determined from step 6 is 1.00 or greater: use that CPF for the compaction lot; however, the maximum HMA compaction CPF using an $LSL = 92.0$ shall be 1.05.

8. If the CPF from step 6 is not 1.00 or greater: repeat steps 3 through 6 using an $LSL = 91.5$. The value thus determined shall be the HMA compaction CPF for that lot; however, the maximum HMA compaction CPF using an $LSL = 91.5$ shall be 1.00.

1 **1-06.2(2)D1 Quality Level Analysis**

2 The following new sentence is inserted after the first sentence:

3
4 The quality level calculations for HMA compaction are completed using the formulas in
5 Section 1-06.2(2)D5.
6

7 **1-06.2(2)D4 Quality Level Calculation**

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

9
10 The procedures for determining the quality level and pay factors for a material, other than
11 HMA compaction, are as follows:
12

13 **1-06.6 Recycled Materials**

14 The first three sentences of the second paragraph are revised to read:

15
16 The Contractor shall submit a Recycled Material Utilization Plan on WSDOT Form 350-075A
17 within 30 calendar days after the Contract is executed. The plan shall provide the Contractor's
18 anticipated usage of recycled concrete aggregates for meeting the requirements of these
19 Specifications. The quantity of recycled concrete aggregate will be provided in tons and as a
20 percentage of the Plan quantity for eligible material listed in Section 9-03.21(1)E Table on
21 Maximum Allowable percent (By Weight) of Recycled Material.
22

23 The last paragraph is revised to read:

24
25 Within 30 calendar days after Physical Completion, the Contractor shall report the quantity
26 of recycled concrete aggregates that were utilized in the construction of the project for each
27 eligible item listed in Section 9-03.21(1)E. The Contractor's report shall be provided on
28 WSDOT Form 350-075A, Recycled Materials Reporting.
29

30 **1-06.6(1)A General**

31 Item 1(a) in the second paragraph is revised to read:

- 32
33 a. The estimated costs for the Work for each material with 25 percent recycled concrete
34 aggregate. The cost estimate shall include for each material a documented price quote
35 from the supplier with the lowest total cost for the Work.
36

37 **Section 1-07, Legal Relations and Responsibilities to the Public**
38 **April 1, 2019**

39 **1-07.5 Environmental Regulations**

40 This section is supplemented with the following new subsections:

41
42 **1-07.5(5) U.S. Army Corps of Engineers**

43 When temporary fills are permitted, the Contractor shall remove fills in their entirety and the
44 affected areas returned to pre-construction elevations.
45

46 If a U.S. Army Corps of Engineers permit is noted in Section 1-07.6 of the Special Provisions,
47 the Contractor shall retain a copy of the permit or the verification letter (in the case of a
48 Nationwide Permit) on the worksite for the life of the Contract. The Contractor shall provide
49 copies of the permit or verification letter to all subcontractors involved with the authorized
50 work prior to their commencement of any work in waters of the U.S.
51

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

2 The Contracting Agency will provide fish exclusion and handling services if the Work dictates.
3 However, if the Contractor discovers any fish stranded by the project and a Contracting
4 Agency biologist is not available, they shall immediately release the fish into a flowing stream
5 or open water.
6

7 **1-07.5(1) General**

8 The first sentence is deleted and replaced with the following:
9

10 No Work shall occur within areas under the jurisdiction of resource agencies unless
11 authorized in the Contract.
12

13 The third paragraph is deleted.
14

15 **1-07.5(2) State Department of Fish and Wildlife**

16 This section is revised to read:
17

18 In doing the Work, the Contractor shall:
19

- 20 1. Not degrade water in a way that would harm fish, wildlife, or their habitat.
- 21 2. Not place materials below or remove them from the ordinary high water line except
22 as may be specified in the Contract.
- 23 3. Not allow equipment to enter waters of the State except as specified in the
24 Contract.
- 25 4. Revegetate in accordance with the Plans, unless the Special Provisions permit
26 otherwise.
- 27 5. Prevent any fish-threatening silt buildup on the bed or bottom of any body of water.
28
- 29 6. Ensure continuous stream flow downstream of the Work area.
30
- 31 7. Dispose of any project debris by removal, burning, or placement above high-water
32 flows.
33
- 34 8. Immediately notify the Engineer and stop all work causing impacts, if at any time,
35 as a result of project activities, fish are observed in distress or a fish kill occurs.
36
37
38
39
40

41 If the Work in (1) through (3) above differs little from what the Contract requires, the
42 Contracting Agency will measure and pay for it at unit Contract prices. But if Contract items
43 do not cover those areas, the Contracting Agency will pay pursuant to Section 1-09.4. Work
44 in (4) through (8) above shall be incidental to Contract pay items.
45

46 **1-07.5(3) State Department of Ecology**

47 This section is revised to read:
48

49 In doing the Work, the Contractor shall:
50

- 51 1. Comply with Washington State Water Quality Standards.
52

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

34 **1-07.5(4) Air Quality**

35 This section is revised to read:

36
37 The Contractor shall comply with all regional clean air authority and/or State Department of
38 Ecology rules and regulations.
39

40 The air quality permit process may include additional State Environment Policy Act (SEPA)
41 requirements. Contractors shall contact the appropriate regional air pollution control authority
42 well in advance of beginning Work.
43

44 When the Work includes demolition or renovation of any existing facility or structure that
45 contains Asbestos Containing Material (ACM) and/or Presumed Asbestos-Containing
46 Material (PACM), the Contractor shall comply with the National Emission Standards for
47 Hazardous Air Pollutants (NESHAP).
48

49 Any requirements included in Federal and State regulations regarding air quality that applies
50 to the "owner or operator" shall be the responsibility of the Contractor.
51

52 **1-07.7(1) General**

53 The first sentence of the third paragraph is revised to read:
54

1 When the Contractor moves equipment or materials on or over Structures, culverts or pipes,
2 the Contractor may operate equipment with only the load-limit restrictions in Section 1-
3 07.7(2).
4

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

6
7 Unit prices shall cover all costs for operating over Structures, culverts and pipes.
8

9 **1-07.9(1) General**

10 The last sentence of the sixth paragraph is revised to read:

11
12 Generally, the Contractor initiates the request by preparing standard form 1444 Request for
13 Authorization of Additional Classification and Rate, available at
14 <https://www.dol.gov/whd/recovery/dbsurvey/conformance.htm>, and submitting it to the
15 Engineer for further action.
16

17 **1-07.9(2) Posting Notices**

18 The second sentence of the first paragraph (up until the colon) is revised to read:

19
20 The Contractor shall ensure the most current edition of the following are posted:

21
22 The revision dates are deleted from all items in the numbered list.

23
24 The following new items are inserted after item number 1:

- 25
26 2. **Mandatory Supplement to EEOC P/E-1** published by US Department of Labor. Post
27 for projects with federal-aid funding.
28
29 3. **Pay Transparency Nondiscrimination Provision** published by US Department of
30 Labor. Post for projects with federal-aid funding.
31

32 Item number 2 through 12 are renumbered to 4 through 14, respectively.
33

34 **1-07.11(2) Contractual Requirements**

35 In this section, "creed" is revised to read "religion".

36
37 Item numbers 1 through 9 are revised to read 2 through 10, respectively.
38

39 After the preceding Amendment is applied, the following new item number 1 is inserted:

- 40
41 1. The Contractor shall maintain a Work site that is free of harassment, humiliation, fear,
42 hostility and intimidation at all times. Behaviors that violate this requirement include but
43 are not limited to:
44
45 a. Persistent conduct that is offensive and unwelcome.
46
47 b. Conduct that is considered to be hazing.
48
49 c. Jokes about race, gender, or sexuality that are offensive.
50
51 d. Unwelcome, unwanted, rude or offensive conduct or advances of a sexual nature
52 which interferes with a person's ability to perform their job or creates an intimidating,
53 hostile, or offensive work environment.
54

- 1 e. Language or conduct that is offensive, threatening, intimidating or hostile based on
2 race, gender, or sexual orientation.
3
4 f. Repeating rumors about individuals in the Work Site that are considered to be
5 harassing or harmful to the individual's reputation.
6

7 **1-07.11(5) Sanctions**

8 This section is supplemented with the following:
9

10 Immediately upon the Engineer's request, the Contractor shall remove from the Work site
11 any employee engaging in behaviors that promote harassment, humiliation, fear or
12 intimidation including but not limited to those described in these specifications.
13

14 **1-07.11(6) Incorporation of Provisions**

15 The first sentence is revised to read:
16

17 The Contractor shall include the provisions of Section 1-07.11(2) Contractual Requirements
18 (1) through (5) and the Section 1-07.11(5) Sanctions in every subcontract including
19 procurement of materials and leases of equipment.
20

21 **1-07.15(1) Spill Prevention, Control, and Countermeasures Plan**

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

24 An SPCC Plan template and guidance information is available at
25 <http://www.wsdot.wa.gov/environment/technical/disciplines/hazardous-materials/spill->
26 [prevent-report.](http://www.wsdot.wa.gov/environment/technical/disciplines/hazardous-materials/spill-)
27

28 **1-07.16(2)A Wetland and Sensitive Area Protection**

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

31 Existing wetland and other sensitive areas, where shown in the Plans or designated by the
32 Engineer, shall be saved and protected through the life of the Contract.
33

34 **1-07.18 Public Liability and Property Damage Insurance**

35 Item number 1 is supplemented with the following new sentence:
36

37 This policy shall be kept in force from the execution date of the Contract until the Physical
38 Completion Date.
39

40 **Section 1-08, Prosecution and Progress January 7, 2019**

41 **1-08.1 Subcontracting**

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

44 All Work that is not performed by the Contractor will be considered as subcontracting except:
45 (1) purchase of sand, gravel, crushed stone, crushed slag, batched concrete aggregates,
46 ready-mix concrete, off-site fabricated structural steel, other off-site fabricated items, and any
47 other materials supplied by established and recognized commercial plants; or (2) delivery of
48 these materials to the Work site in vehicles owned or operated by such plants or by
49 recognized independent or commercial hauling companies hired by those commercial plants.
50

51 The following new paragraph is inserted after the seventh paragraph:

1
2 The Contractor shall not use businesses (material suppliers, vendors, subcontractors, etc.)
3 with federal purchasing exclusions. Businesses with exclusions are identified using the
4 System for Award Management web page at www.SAM.gov.

5
6 **1-08.5 Time for Completion**

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

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

15 **1-08.7 Maintenance During Suspension**

16 The fifth paragraph is revised to read:

17
18 The Contractor shall protect and maintain all other Work in areas not used by traffic. All costs
19 associated with protecting and maintaining such Work shall be the responsibility of the
20 Contractor.
21

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

23 **August 6, 2018**

24 **1-09.2(1) General Requirements for Weighing Equipment**

25 The last paragraph is supplemented with the following:

26
27 When requested by the Engineer, the Contractor's representative shall collect the tickets
28 throughout the day and provide them to the Engineer's designated receiver, not later than
29 the end of shift, for reconciliation. Tickets for loads not verified as delivered will receive no
30 pay.
31

32 **1-09.2(2) Specific Requirements for Batching Scales**

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

34
35 Batching scales used for concrete or hot mix asphalt shall not be used for batching
36 other materials.
37

38 **1-09.10 Payment for Surplus Processed Materials**

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

40
41 For Hot Mix Asphalt, the Plan quantity and quantity used will be adjusted for the quantity of
42 Asphalt and quantity of RAP or other materials incorporated into the mix.
43

44 **Section 2-01, Clearing, Grubbing, and Roadside Cleanup**

45 **April 1, 2019**

46 **2-01.2(3) Disposal Method No. 3 – Chipping**

47 Item number 2 of the first paragraph is revised to read:
48

- 1 2. Chips shall be disposed outside of sensitive areas, and in areas that aren't in conflict
2 with permanent Work.
3

4 **Section 2-02, Removal of Structures and Obstructions**
5 **April 2, 2018**

6 **2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters**

7 In item number 3 of the first paragraph, the second sentence is revised to read:
8

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

13 **Section 2-03, Roadway Excavation and Embankment**
14 **April 1, 2019**

15 **2-03.3(14)F Displacement of Unsuitable Foundation Materials**

16 This section, including title, is revised to read:
17

18 **2-03.3(14)F Vacant**
19

20 **Section 2-09, Structure Excavation**
21 **April 1, 2019**

22 **2-09.2 Materials**

23 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland Cement
24 Concrete" are revised to read:
25

26 Cement 9-01
27 Fine Aggregate for Concrete 9-03.1(2)
28

29 **2-09.3(3)B Excavation Using Open Pits – Extra Excavation**

30 The last two paragraphs are deleted and replaced with the following:
31

32 The excavation height (Ht) shall be calculated within a vertical plane as the difference
33 between the lowest elevation in the excavation and the highest elevation of the ground
34 surface immediately adjacent to the excavation. Pavement thickness and other surface
35 treatments existing at the time of the excavation shall be included in the height calculation.
36

37 **Submittals and Design Requirements**

38 Excavations 4-feet and less in height do not require design and submittals. The Contractor
39 shall provide a safe work environment and shall execute the work in a manner that does not
40 damage adjacent pavements, utilities, or structures. If the Engineer determines the
41 Contractor's work may potentially affect adjacent traffic, pavements, utilities, or structures,
42 the Engineer may request a Type 1 Working Drawing from the Contractor. The Contractor
43 shall explain in the Type 1 Working Drawing how the Engineer's concerns will be addressed,
44 why infrastructure will not be damaged by the work, and how worker safety will be preserved.
45

1 For excavations that have soil types and slope geometries defined in WAC 296-155 part N
2 and are between 4-feet and 20-feet in height, the Contractor shall submit Type 2 Working
3 Drawings. Required submittal elements include, at a minimum, the following:
4

- 5 1. A plan view showing the limits of the excavation and its relationship to traffic,
6 structures, utilities and other pertinent project elements. If the stability of the
7 excavation requires no-load zones or equipment setback distances, those shall be
8 shown on the plan view.
9
- 10 2. A typical or controlling cross section showing the proposed excavation, original
11 ground line, and locations of traffic, existing structures, utilities, site constraints,
12 surcharge loads, or other conditions that could affect the stability of the slope. If the
13 stability of the excavation requires no-load zones or equipment setback distances,
14 those shall be shown in cross section.
15
- 16 3. A summary clearly describing subsurface conditions, soil type for WAC 296-155 part
17 N, and groundwater conditions, sequencing considerations, and governing
18 assumptions.
19

20 Where WAC 296-155 part N requires an engineer's design, the Contractor shall submit Type
21 2E Working Drawings. Required submittal elements include, at a minimum, the three items
22 above and the following additional items:
23

- 24 4. Supporting calculations for the design of the excavation, the soil and material
25 properties selected for design, and the justification for the selection for those
26 properties, in accordance with the WSDOT *Geotechnical Design Manual* M 46-03.
27
- 28 5. Safety factors, or load and resistance factors used, and justification for their
29 selection, in accordance with the WSDOT *Geotechnical Design Manual* M 46-03,
30 and referenced AASHTO design manuals.
31
- 32 6. A monitoring plan to evaluate the excavation performance throughout its design life.
33
- 34 7. Any supplemental subsurface explorations made by the Contractor to meet the
35 requirements for geotechnical design of excavation slopes, in accordance with the
36 WSDOT *Geotechnical Design Manual* M 46-03.
37

38 **2-09.3(3)D Shoring and Cofferdams**

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

41 Structural shoring and cofferdams shall be designed for conditions stated in this Section
42 using methods shown in Division I Section 5 of the AASHTO *Standard Specifications for*
43 *Highway Bridges* Seventeenth Edition – 2002 for allowable stress design, or the AASHTO
44 *LRFD Bridge Design Specifications* for load and resistance factor design.
45

46 **Section 3-01, Production from Quarry and Pit Sites** 47 **April 2, 2018**

48 **3-01.1 Description**

49 The first paragraph is revised to read:
50

51 This Work shall consist of manufacturing and producing crushed and screened aggregates
52 including pit run aggregates of the kind, quality, and grading specified for use in the

1 construction of concrete, hot mix asphalt, crushed surfacing, maintenance rock, ballast,
2 gravel base, gravel backfill, gravel borrow, riprap, and bituminous surface treatments of all
3 descriptions.
4

5 **Section 4-04, Ballast and Crushed Surfacing**
6 **April 2, 2018**

7 **4-04.3(5) Shaping and Compaction**

8 This section is supplemented with the following new paragraph:
9

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

15 **Section 7-02, Culverts**
16 **April 2, 2018**

17 **7-02.2 Materials**

18 In the first paragraph, the references to "Portland Cement" and "Aggregates for Portland Cement
19 Concrete" are revised to read:
20

21	Cement	9-01
22	Aggregates for Concrete	9-03.1
23		

24 **7-02.3(6)A4 Excavation and Bedding Preparation**

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

27 The bedding course shall be a 6-inch minimum thickness layer of culvert bedding material,
28 defined as granular material either conforming to Section 9-03.12(3) or to AASHTO Grading
29 No. 57 as specified in Section 9-03.1(4)C.
30

31 **Section 7-08, General Pipe Installation Requirements**
32 **April 2, 2018**

33 **7-08.3(3) Backfilling**

34 The fifth sentence of the fourth paragraph is revised to read:
35

36 All compaction shall be in accordance with the Compaction Control Test of Section 2-
37 03.3(14)D except in the case that 100% Recycled Concrete Aggregate is used.
38

39 The following new sentences are inserted after the fifth sentence of the fourth paragraph:
40

41 When 100% Recycled Concrete Aggregate is used, the Contractor may submit a written
42 request to use a test point evaluation for compaction acceptance. Test Point evaluation shall
43 be performed in accordance with SOP 738.
44

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

2 **April 1, 2019**

3 **8-01.1 Description**

4 This section is revised to read:

5
6 This Work consists of furnishing, installing, maintaining, removing and disposing of best
7 management practices (BMPs), as defined in the Washington Administrative Code (WAC)
8 173-201A, to manage erosion and water quality in accordance with these Specifications and
9 as shown in the Plans or as designated by the Engineer.

10
11 The Contracting Agency may have a National Pollution Discharge Elimination System
12 Construction Stormwater General Permit (CSWGP) as identified in the Contract Special
13 Provisions. The Contracting Agency may or may not transfer coverage of the CSWGP to the
14 Contractor when a CSWGP has been obtained. The Contracting Agency may not have a
15 CSWGP for the project but may have another water quality related permit as identified in the
16 Contract Special Provisions or the Contracting Agency may not have water quality related
17 permits but the project is subject to applicable laws for the Work. Section 8-01 covers all of
18 these conditions.

19
20 This section is supplemented with the following new subsection.

21
22 **8-01.1(1) Definitions**

23 **1. pH Affected Stormwater**

- 24
25 a. Stormwater contacting green concrete (concrete that has set/stiffen but is still
26 curing), recycled concrete, or engineered soils (as defined in the Construction
27 Stormwater General Permit (CSWGP)) as a natural process
28
29 b. pH monitoring shall be performed in accordance with the CSWGP, or Water Quality
30 Standards (WQS in accordance with WAC 173-201A (surface) or 173-200C
31 (ground)) when the CSWGP does not apply
32
33 c. May be neutralized and discharged to surface waters or infiltrated

34
35 **2. pH Affected Non-Stormwater**

- 36
37 a. Conditionally authorized in accordance with CSWGP Special Condition S.1.C.,
38 uncontaminated water contacting green concrete, recycled concrete, or engineered
39 soils (as defined in the CSWGP)
40
41 b. Shall not be categorized as cementitious wastewater/concrete wastewater, as
42 defined below
43
44 c. Shall be managed and treated in accordance with the CSWGP, or WQS when the
45 CSWGP does not apply
46
47 d. pH adjustment and dechlorination may be necessary, as specified in the CSWGP
48 or in accordance with WQS when the CSWGP does not apply
49
50 e. May be neutralized, treated, and discharged to surface waters in accordance with
51 the CSWGP, with the exception of water-only shaft drilling slurry. Water-only shaft
52 drilling slurry may be treated, neutralized, and infiltrated but not discharged to

1 surface waters (Refer to Special Conditions S1.C. Authorized Discharges and S1.d
2 Prohibited Discharges of the CSWGP)
3

4 **3. Cementitious Wastewater/Concrete Wastewater**
5

- 6 a. Any water that comes into contact with fine cementitious particles or slurry; any
7 water used in the production, placement and/or clean-up of cementitious products;
8 any water used to cut, grind, wash, or otherwise modify cementitious products
9
- 10 b. When any water, including stormwater, commingles with cementitious
11 wastewater/concrete wastewater, the resulting water is considered cementitious
12 wastewater/concrete wastewater and shall be managed to prevent discharge to
13 waters of the State, including ground water
14
- 15 c. CSWGP Examples include: water used for or resulting from concrete
16 truck/mixer/pumper/tool/chute rinsing or washing, concrete saw cutting and
17 surfacing (sawing, coring, grinding, roughening, hydro-demolition, bridge and road
18 surfacing)
19
- 20 d. Cannot be neutralized and discharged or infiltrated
21

22 **8-01.2 Materials**

23 The first paragraph is revised to read:
24

25 Materials shall meet the requirements of the following sections:
26

27	Corrugated Polyethylene Drain Pipe	9-05.1(6)
28	Quarry Spalls and Permeable Ballast	9-13
29	Erosion Control and Roadside Planting	9-14
30	Construction Geotextile	9-33

31
32 The second paragraph is deleted.
33

34 **8-01.3(1) General**

35 This section is revised to read:
36

37 Adaptive management shall be employed throughout the duration of the project for the
38 implementation of erosion and water pollution control permit requirements for the current
39 condition of the project site. The adaptive management includes the selection and utilization
40 of BMPs, scheduling of activities, prohibiting unacceptable practices, implementing
41 maintenance procedures, and other managerial practices that when used singularly or in
42 combination, prevent or reduce the release of pollutants to waters of the State. The adaptive
43 management shall use the means and methods identified in this section and means and
44 methods identified in the Washington State Department of Transportation's Temporary
45 Erosion and Sediment Control Manual or the Washington State Department of Ecology's
46 Stormwater Management Manuals for construction stormwater.
47

48 The Contractor shall install a high visibility fence along the lines shown in the Plans or as
49 instructed by the Engineer.
50

51 Throughout the life of the project, the Contractor shall preserve and protect the delineated
52 preservation area, acting immediately to repair or restore any high visibility fencing damaged
53 or removed.
54

1 All discharges to surface waters shall comply with surface water quality standards as defined
 2 in Washington Administrative Code (WAC) Chapter 173-201A. All discharges to groundwater
 3 shall comply with groundwater quality standards WAC Chapter 173-200. The Contractor shall
 4 comply with the CSWGP when the project is covered by the CSWGP.

5
 6 Work, at a minimum, shall include the implementation of:

- 7
 8 1. Sediment control measures prior to ground disturbing activities to ensure all
 9 discharges from construction areas receive treatment prior to discharging from the
 10 site.
- 11
 12 2. Flow control measures to prevent erosive flows from developing.
- 13
 14 3. Water management strategies and pollution prevention measures to prevent
 15 contamination of waters that will be discharged to surface waters or the ground.
- 16
 17 4. Erosion control measures to stabilize erodible earth not being worked.
- 18
 19 5. Maintenance of BMPs to ensure continued compliant performance.
- 20
 21 6. Immediate corrective action if evidence suggests construction activity is not in
 22 compliance. Evidence includes sampling data, olfactory or visual evidence such as
 23 the presence of suspended sediment, turbidity, discoloration, or oil sheen in
 24 discharges.

25
 26 To the degree possible, the Contractor shall coordinate this Work with permanent drainage
 27 and roadside restoration Work the Contract requires.

28
 29 Clearing, grubbing, excavation, borrow, or fill within the Right of Way shall never expose more
 30 erodible earth than as listed below:

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

31
 32
 33 The Engineer may increase or decrease the limits based on project conditions.

34
 35 Erodible earth is defined as any surface where soils, grindings, or other materials may be
 36 capable of being displaced and transported by rain, wind, or surface water runoff.

37
 38 Erodible earth not being worked, whether at final grade or not, shall be covered within the
 39 specified time period (see the table below), using BMPs for erosion control.

Western Washington (West of the Cascade Mountain Crest)		Eastern Washington (East of the Cascade Mountain Crest)	
October 1 through April 30	2 days maximum	October 1 through June 30	5 days maximum

May 1 to September 30	7 days maximum	November 1 through March 31	10 days maximum
--------------------------	-------------------	-----------------------------------	--------------------

When applicable, the Contractor shall be responsible for all Work required for compliance with the CSWGP including annual permit fees.

If the Engineer, under Section 1-08.6, orders the Work suspended, the Contractor shall continue to comply with this division during the suspension.

8-01.3(1)A Submittals

This section's content is deleted.

This section is supplemented with the following new subsection:

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

Temporary Erosion and Sediment Control (TESC) Plans consist of a narrative section and plan sheets that meets the Washington State Department of Ecology's Stormwater Pollution Prevention Plan (SWPPP) requirement in the CSWGP. For projects that do not require a CSWGP but have the potential to discharge to surface waters of the state, an abbreviated TESC plan shall be used, which may consist of a narrative and/or plan sheets and shall demonstrate compliance with applicable codes, ordinances and regulations, including the water quality standards for surface waters; Chapter 173-201A of the Washington Administrative Code (WAC) and water quality standards for groundwaters in accordance with Chapter 173-200 WAC.

The Contractor shall either adopt the TESC Plan in the Contract or develop a new TESC Plan. If the Contractor adopts the TESC Plan in scenarios in which the CSWGP is transferred to the Contractor, the Contractor shall modify the TESC Plan to match the Contractor's schedule, method of construction, and to include all areas that will be used to directly support construction activity such as equipment staging yards, material storage areas, or borrow areas. TESC Plans shall include all high visibility fence shown in the Plans. All TESC Plans shall meet the requirements of the current edition of the WSDOT Temporary Erosion and Sediment Control Manual M 3109 and be adaptively managed throughout construction based on site inspections and required sampling to maintain compliance with the CSWGP, or WQS when no CSWGP applies. The Contractor shall develop a schedule for implementation of the TESC work and incorporate it into the Contractor's progress schedule.

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

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

This section is revised to read:

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

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

- 1
- 2 1. Installing, adaptively managing, and maintaining temporary erosion and sediment
- 3 control BMPs to assure continued performance of their intended function. Damaged
- 4 or inadequate BMPs shall be corrected immediately.
- 5
- 6 2. Updating the TESC Plan to reflect current field conditions.
- 7
- 8 3. Discharge sampling and submitting Discharge Monitoring Reports (DMRs) to the
- 9 Washington State Department of Ecology in accordance with the CSWGP.
- 10
- 11 4. Develop and maintain the Site Log Book as defined in the CSWGP. When the Site
- 12 Log Book or portion thereof is electronically developed, the electronic
- 13 documentation must be accessible onsite. As a part of the Site Log Book, the
- 14 Contractor shall develop and maintain a tracking table to show that identified TESC
- 15 compliance issues are fully resolved within 10 calendar days. The table shall include
- 16 the date an issue was identified, a description of how it was resolved, and the date
- 17 the issue was fully resolved.
- 18

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

28 **8-01.3(1)C Water Management**

29 This section is supplemented with the following new subsections:

30 **8-01.3(1)C5 Water Management for In-Water Work Below Ordinary High Water** 31 **Mark (OHWM)**

32 Work over surface waters of the state (defined in WAC 173-201A-010) or below the OHWM
33 (defined in RCW 90.58.030) shall comply with water quality standards for surface waters of
34 the State of Washington.

35 **8-01.3(1)C6 Environmentally Acceptable Hydraulic Fluid**

36 All equipment containing hydraulic fluid that extends from a bridge deck over surface waters
37 of the state or below the OHWM, shall be equipped with a biodegradable hydraulic fluid. The
38 fluid shall achieve either a Pw1 Environmental Persistence Classification stated in ASTM
39 D6046 (≥60% biodegradation in 28 days) or equivalent standard. Alternatively, hydraulic fluid
40 that meets International Organization for Standardization (ISO 15380), the European Union
41 Ecolabel, or equivalent certification will also be accepted.

42 The Contractor shall submit a Type 1 Working Drawing consisting of a manufacturer catalog
43 cut of the hydraulic fluid used.

44 The designation of biodegradable hydraulic fluid does not mean fluid spills are acceptable.
45 The Contractor shall respond to spills to land or water in accordance with the Contract, the
46 associated SPCC Plan, and all applicable local, state, and federal regulations.

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

2 All Work for the turbidity curtain shall be in accordance with the manufacturer's
3 recommendations for the site conditions. Removal procedures shall be developed and used
4 to minimize silt release and disturbance of silt. The Contractor shall submit a Type 2 Working
5 Drawing, detailing product information, installation and removal procedures, equipment and
6 workforce needs, maintenance plans, and emergency repair/replacement plans.
7

8 Turbidity curtain materials, installation, and maintenance shall be sufficient to comply with
9 water quality standards.

10
11 The Contractor shall notify the Engineer 10 days in advance of removing the turbidity curtain.
12 All components of the turbidity curtain shall be removed from the project.
13

14 **8-01.3(1)C1 Disposal of Dewatering Water**

15 This section is revised to read:

16
17 When uncontaminated groundwater is encountered in an excavation on a project it may be
18 infiltrated within vegetated areas of the right of way not designated as Sensitive Areas or
19 incorporated into an existing stormwater conveyance system at a rate that will not cause
20 erosion or flooding in any receiving surface water.
21

22 Alternatively, the Contractor may pursue independent disposal and treatment alternatives
23 that do not use the stormwater conveyance system provided it is in compliance with the
24 applicable WACs and permits.
25

26 **8-01.3(1)C2 Process Wastewater**

27 This section is revised to read:

28
29 Wastewater generated on-site as a byproduct of a construction process shall not be
30 discharged to surface waters of the State. Some sources of process wastewater may be
31 infiltrated in accordance with the CSWGP. Some sources of process wastewater may be
32 disposed via independent disposal and treatment alternatives in compliance with the
33 applicable WACs and permits.
34

35 **8-01.3(1)C3 Shaft Drilling Slurry Wastewater**

36 This section is revised to read:

37
38 Wastewater generated on-site during shaft drilling activity shall be managed and disposed of
39 in accordance with the requirements below. No shaft drilling slurry wastewater shall be
40 discharged to surface waters of the State. Neither the sediment nor liquid portions of the shaft
41 drilling slurry wastewater shall be contaminated, as detectable by visible or olfactory
42 indication (e.g., chemical sheen or smell).
43

- 44 1. Water-only shaft drilling slurry or water slurry with accepted flocculants may be
45 infiltrated on-site. Flocculants used shall meet the requirements of Section 9-14.5(1)
46 or shall be chitosan products listed as General Use Level Designation (GULD) on
47 the Washington State Department of Ecology's stormwater treatment technologies
48 webpage for construction treatment. Infiltration is permitted if the following
49 requirements are met:
50

- 51 a. Wastewater shall have a pH of 6.5 – 8.5 prior to discharge.
52

- 1 b. The amount of flocculant added to the slurry shall be kept to the minimum
2 needed to adequately settle out solids. The flocculant shall be thoroughly mixed
3 into the slurry.
4
5 c. The slurry removed from the shaft shall be contained in a leak proof cell or tank
6 for a minimum of 3 hours.
7
8 d. The infiltration rate shall be reduced if needed to prevent wastewater from
9 leaving the infiltration location. The infiltration site shall be monitored regularly
10 during infiltration activity. All wastewater discharged to the ground shall fully
11 infiltrate and discharges shall stop before the end of each work day.
12
13 e. Drilling spoils and settled sediments remaining in the containment cell or tank
14 shall be disposed of in accordance with Section 6-19.3(4)F.
15
16 f. Infiltration locations shall be in upland areas at least 150 feet away from surface
17 waters, wells, on-site sewage systems, aquifer sensitive recharge areas, sole
18 source aquifers, well head protection areas, and shall be marked on the plan
19 sheets before the infiltration activity begins.
20
21 g. Prior to infiltration, the Contractor shall submit a Shaft Drilling Slurry
22 Wastewater Management and Infiltration Plan as a Type 2 Working Drawing.
23 This Plan shall be kept on-site, adapted if needed to meet the construction
24 requirements, and updated to reflect what is being done in the field. The
25 Working Drawing shall include, at a minimum, the following information:
26
27 i. Plan sheet showing the proposed infiltration location and all surface
28 waters, wells, on-site sewage systems, aquifer-sensitive recharge areas,
29 sole source aquifers, and well-head protection areas within 150 feet.
30
31 ii. The proposed elevation of soil surface receiving the wastewater for
32 infiltration and the anticipated phreatic surface (i.e., saturated soil).
33
34 iii. The source of the water used to produce the slurry.
35
36 iv. The estimated total volume of wastewater to be infiltrated.
37
38 v. The accepted flocculant to be used (if any).
39
40 vi. The controls or methods used to prevent surface wastewater runoff from
41 leaving the infiltration location.
42
43 vii. The strategy for removing slurry wastewater from the shaft and containing
44 the slurry wastewater once it has been removed from the shaft.
45
46 viii. The strategy for monitoring infiltration activity and adapting methods to
47 ensure compliance.
48
49 ix. A contingency plan that can be implemented immediately if it becomes
50 evident that the controls in place or methods being used are not adequate.
51
52 x. The strategy for cleaning up the infiltration location after the infiltration
53 activity is done. Cleanup shall include stabilizing any loose sediment on
54 the surface within the infiltration area generated as a byproduct of

1 suspended solids in the infiltrated wastewater or soil disturbance
2 associated with BMP placement and removal.
3

- 4 2. Shaft drilling mineral slurry, synthetic slurry, or slurry with polymer additives not
5 allowed for infiltration shall be contained and disposed of by the Contractor at an
6 accepted disposal facility in accordance with Section 2-03.3(7)C. Spoils that have
7 come into contact with mineral slurry shall be disposed of in accordance with
8 Section 6-19.3(4)F.
9

10 **8-01.3(1)C4 Management of Off-Site Water**

11 This section is revised to read:

12
13 Prior to clearing and grubbing, the Contractor shall intercept all sources of off-site surface
14 water and overland flow that will run-on to the project. Off-site surface water run-on shall be
15 diverted through or around the project in a way that does not introduce construction related
16 pollution. It shall be diverted to its preconstruction discharge location in a manner that does
17 not increase preconstruction flow rate and velocity and protects contiguous properties and
18 waterways from erosion. The Contractor shall submit a Type 2 Working Drawing consisting
19 of the method for performing this Work.
20

21 **8-01.3(1)E Detention/Retention Pond Construction**

22 This section is revised to read:

23
24 Permanent or temporary ponds shall be constructed before beginning other grading and
25 excavation Work in the area that drains into that pond. Detention/retention ponds may be
26 constructed concurrently with grading and excavation when allowed by the Engineer.
27 Temporary conveyances shall be installed concurrently with grading in accordance with the
28 TESC Plan so that newly graded areas drain to the pond as they are exposed.
29

30 **8-01.3(2) Seeding, Fertilizing, and Mulching**

31 This section's title is revised to read:

32 33 **8-01.3(2) Temporary Seeding and Mulching**

34 35 **8-01.3(2)A Preparation for Application**

36 This section is revised to read:

37
38 A cleated roller, crawler tractor, or similar equipment, which forms longitudinal depressions
39 at least 2 inches deep shall be used for compaction and preparation of the surface to be
40 seeded. The entire area shall be uniformly covered with longitudinal depressions formed
41 perpendicular to the natural flow of water on the slope. The soil shall be conditioned with
42 sufficient water so the longitudinal depressions remain in the soil surface until completion of
43 the seeding.
44

45 **8-01.3(2)A1 Seeding**

46 This section is deleted in its entirety.
47

48 **8-01.3(2)A2 Temporary Seeding**

49 This section is deleted in its entirety.
50

51 **8-01.3(2)B Seeding and Fertilizing**

52 This section, including title, is revised to read:
53

1 **8-01.3(2)B Temporary Seeding**

2 Temporary grass seed shall be a commercially prepared mix, made up of low growing grass
3 species that will grow without irrigation at the project location, and accepted by the Engineer.
4 The application rate shall be two pounds per 1000 square feet.
5

6 The Contractor shall notify the Engineer not less than 24 hours in advance of any seeding
7 operation and shall not begin the Work until areas prepared or designated for seeding have
8 been accepted. Following the Engineer's acceptance, seeding of the accepted slopes shall
9 begin immediately.
10

11 Temporary seeding may be sown at any time allowed by the Engineer. Temporary seeding
12 shall be sown by one of the following methods:
13

- 14 1. A hydro seeder that utilizes water as the carrying agent, and maintains continuous
15 agitation through paddle blades. It shall have an operating capacity sufficient to
16 agitate, suspend, and mix into a homogeneous slurry the specified amount of seed
17 and water or other material. Distribution and discharge lines shall be large enough
18 to prevent stoppage and shall be equipped with a set of hydraulic discharge spray
19 nozzles that will provide a uniform distribution of the slurry.
20
- 21 2. Blower equipment with an adjustable disseminating device capable of maintaining
22 a constant, measured rate of material discharge that will ensure an even distribution
23 of seed at the rates specified.
24
- 25 3. Power-drawn drills or seeders.
26
- 27 4. Areas in which the above methods are impractical may be seeded by hand
28 methods.
29

30 When seeding by hand, the seed shall be incorporated into the top ¼ inch of soil by hand
31 raking or other method that is allowed by the Engineer.
32

33 Seed applied using a hydroseeder shall have a tracer added to visibly aid uniform application.
34 This tracer shall not be harmful to plant, aquatic, or animal life. If Short-Term Mulch is used
35 as a tracer, the application rate shall not exceed 250 pounds per acre.
36

37 Seed and fertilizer may be applied in one application provided that the fertilizer is placed in
38 the hydroseeder tank no more than 1 hour prior to application.
39

40 **8-01.3(2)D Mulching**

41 This section, including title, is revised to read:
42

43 **8-01.3(2)D Temporary Mulching**

44 Temporary mulch shall be straw, wood strand, or HECP mulch and shall be used for the
45 purpose of erosion control by protecting bare soil surface from particle displacement. Mulch
46 shall not be applied below the anticipated water level of ditch slopes, pond bottoms, and
47 stream banks. HECP mulch shall not be used within the Ordinary High Water Mark. Non-
48 HECP mulches applied below the anticipated water level shall be removed or anchored down
49 so that it cannot move or float, at no additional expense to the Contracting Agency.
50

51 Straw or wood strand mulch shall be applied at a rate to achieve at least 95 percent visual
52 blockage of the soil surface.
53

1 Short Term Mulch shall be hydraulically applied at the rate of 2500 pounds per acre and may
2 be applied in one lift.

3
4 Moderate Term Mulch and Long Term Mulch shall be hydraulically applied at the rate of 3500
5 pounds per acre with no more than 2000 pounds applied in any single lift.

6
7 Mulch sprayed on signs or sign Structures shall be removed the same day.

8
9 Areas not accessible by mulching equipment shall be mulched by accepted hand methods.

10
11 **8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch**

12 This section is deleted in its entirety.

13
14 **8-01.3(2)G Protection and Care of Seeded Areas**

15 This section is deleted in its entirety.

16
17 **8-01.3(2)H Inspection**

18 This section is deleted in its entirety.

19
20 **8-01.3(2)I Mowing**

21 This section is deleted in its entirety.

22
23 **8-01.3(3) Placing Biodegradable Erosion Control Blanket**

24 This section's title is revised to read:

25
26 **8-01.3(3) Placing Erosion Control Blanket**

27
28 The first sentence of the first paragraph is revised to read:

29
30 Erosion Control Blankets are used as an erosion prevention device and to enhance the
31 establishment of vegetation.

32
33 The second paragraph is revised to read:

34
35 When used to enhance the establishment of seeded areas, seeding and fertilizing shall be
36 done prior to blanket installation.

37
38 **8-01.3(4) Placing Compost Blanket**

39 This section is revised to read:

40
41 Compost blankets are used for erosion control. Compost blanket shall be only be placed on
42 ground surfaces that are steeper than 3-foot horizontal and 1-foot vertical though steeper
43 slopes shall be broken by wattles or compost socks placed according to the Standard Plans.
44 Compost shall be placed to a depth of 3 inches over bare soil. An organic tackifier shall be
45 placed over the entire composted area when dry or windy conditions are present or expected.
46 The tackifier shall be applied immediately after the application of compost to prevent compost
47 from leaving the composted area.

48
49 Medium compost shall be used for the compost blanket. Compost may serve the purpose of
50 soil amendment as specified in Section 8-02.3(6).

51
52 **8-01.3(5) Plastic Covering**

53 The first paragraph is revised to read:

1
2 **Erosion Control** – Plastic coverings used to temporarily cover stockpiled materials, slopes
3 or bare soils shall be installed and maintained in a way that prevents water from intruding
4 under the plastic and prevents the plastic cover from being damaged by wind. Plastic
5 coverings shall be placed with at least a 12-inch overlap of all seams and be a minimum of 6
6 mils thick. Use soil stabilization and energy dissipation BMPs to minimize the erosive energy
7 flows coming off sloped areas of plastic (e.g., toe of slope). When feasible, prevent the clean
8 runoff from plastic from hitting bare soil. Direct flows from plastic to stabilized outlet areas.
9

10 **8-01.3(7) Stabilized Construction Entrance**

11 The first paragraph is revised to read:

12
13 Temporary stabilized construction entrance shall be constructed in accordance with the
14 *Standard Plans*, prior to construction vehicles entering the roadway from locations that
15 generate sediment track out on the roadway. Material used for stabilized construction
16 entrance shall be free of extraneous materials that may cause or contribute to track out.
17

18 **8-01.3(8) Street Cleaning**

19 This section is revised to read:

20
21 Self-propelled pickup street sweepers shall be used to remove and collect dirt and other
22 debris from the Roadway. The street sweeper shall effectively collect these materials and
23 prevent them from being washed or blown off the Roadway or into waters of the State. Street
24 sweepers shall not generate fugitive dust and shall be designed and operated in compliance
25 with applicable air quality standards. Material collected by the street sweeper shall be
26 disposed of in accordance with Section 2-03.3(7)C.
27

28 When allowed by the Engineer, power broom sweepers may be used in non-sensitive areas.
29 The broom sweeper shall sweep dirt and other debris from the roadway into the work area.
30 The swept material shall be prevented from entering or washing into waters of the State.
31

32 Street washing with water will require the concurrence of the Engineer.
33

34 **8-01.3(12) Compost Socks**

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

36
37 Compost socks are used to disperse flow and sediment. Compost socks shall be installed as
38 soon as construction will allow but before flow conditions create erosive flows or discharges
39 from the site. Compost socks shall be installed prior to any mulching or compost placement.
40

41 **8-01.3(13) Temporary Curb**

42 The last two sentences of the second paragraph are revised to read:

43
44 Temporary curbs shall be a minimum of 4 inches in height. Temporary curb shall be installed
45 so that ponding does not occur in the adjacent roadway.
46

47 **8-01.3(14) Temporary Pipe Slope Drain**

48 The third and fourth paragraphs are revised to read:

49
50 The pipe fittings shall be water tight and the pipe secured to the slope with metal posts, wood
51 stakes, or sand bags.
52

1 The water shall be discharged to a stabilized conveyance, sediment trap, stormwater pond,
2 rock splash pad, or vegetated strip, in a manner to prevent erosion and maintain water quality
3 compliance.
4

5 The last paragraph is deleted.
6

7 **8-01.3(15) Maintenance**

8 This section is revised to read:
9

10 Erosion and sediment control BMPs shall be maintained or adaptively managed as required
11 by the CSWGP until the Engineer determines they are no longer needed. When deficiencies
12 in functional performance are identified, the deficiencies shall be rectified immediately.
13

14 The BMPs shall be inspected on the schedule outlined in Section 8-01.3(1)B for damage and
15 sediment deposits. Damage to or undercutting of BMPs shall be repaired immediately.
16

17 In areas where the Contractor's activities have compromised the erosion control functions of
18 the existing grasses, the Contractor shall overseed at no additional cost to the Contracting
19 Agency.
20

21 The quarry spalls of construction entrances shall be refreshed, replaced, or screened to
22 maintain voids between the spalls for collecting mud and dirt.
23

24 Unless otherwise specified, when the depth of accumulated sediment and debris reaches
25 approximately $\frac{1}{3}$ the height of the BMP the deposits shall be removed. Debris or
26 contaminated sediment shall be disposed of in accordance with Section 2-03.3(7)C. Clean
27 sediments may be stabilized on-site using BMPs as allowed by the Engineer.
28

29 **8-01.3(16) Removal**

30 This section is revised to read:
31

32 The Contractor shall remove all temporary BMPs, all associated hardware and associated
33 accumulated sediment deposition from the project limits prior to Physical Completion unless
34 otherwise allowed by the Engineer. When the temporary BMP materials are made of natural
35 plant fibers unaltered by synthetic materials the Engineer may allow leaving the BMP in place.
36

37 The Contractor shall remove BMPs and associated hardware in a way that minimizes soil
38 disturbance. The Contractor shall permanently stabilize all bare and disturbed soil after
39 removal of BMPs. If the installation and use of the erosion control BMPs have compacted or
40 otherwise rendered the soil inhospitable to plant growth, such as construction entrances, the
41 Contractor shall take measures to rehabilitate the soil to facilitate plant growth. This may
42 include, but is not limited to, ripping the soil, incorporating soil amendments, or seeding with
43 the specified seed.
44

45 At the request of the Contractor and at the sole discretion of the Engineer the CSWGP may
46 be transferred back to the Contracting Agency. Approval of the Transfer of Coverage request
47 will require the following:
48

- 49 1. All other Work required for Contract Completion has been completed.
- 50
- 51 2. All Work required for compliance with the CSWGP has been completed to the
52 maximum extent possible. This includes removal of BMPs that are no longer
53 needed and the site has undergone all Stabilization identified for meeting the
54 requirements of Final Stabilization in the CSWGP.

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3. An Equitable Adjustment change order for the cost of Work that has not been completed by the Contractor.
4. Submittal of the Washington State Department of Ecology Transfer of Coverage form (Ecology form ECY 020-87a) to the Engineer.

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

8-01.4 Measurement

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

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

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

8-01.4(2) Item Bids

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

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

Erosion control blanket and plastic covering will be measured by the square yard along the ground slope line of surface area covered and accepted.

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

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

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

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

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

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

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

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

2
3 Temporary curbs will be measured by the linear foot along the ground line of the
4 completed installation.

5
6 Temporary pipe slope drains will be measured by the linear foot along the flow line of
7 the pipe.

8
9 Coir logs will be measured by the linear foot along the ground line of the completed
10 installation.

11
12 Outlet protections will be measured per each initial installation at an outlet location.

13
14 Temporary seeding, temporary mulching, and tackifiers will be measured by the acre by
15 ground slope measurement.

16
17 Compost blanket will be measured by the square yard by ground slope surface area
18 covered and accepted.

19
20 **8-01.4(3) Reinstating Unit Items with Lump Sum Erosion Control and Water**
21 **Pollution Prevention**

22 The Contract Provisions may establish the project as lump sum, in accordance with Section
23 8-01.4(1) and also include one or more of the items included above in Section 8-01.4(2).
24 When that occurs, the corresponding measurement provision in Section 8-01.4(2) is not
25 deleted and the Work under that item will be measured as specified.

26
27 **8-01.4(4) Items not included with Lump Sum Erosion Control and Water**
28 **Pollution Prevention**

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

31
32 Temporary mulch will be measured by the acre by ground slope surface area covered and
33 accepted.

34
35 High visibility fence will be measured by the linear foot along the ground line of the completed
36 fence.

37
38 **8-01.5 Payment**

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

40
41 **8-01.5(1) Lump Sum Bid for Project (No Unit Items)**

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

43
44 "Erosion Control and Water Pollution Prevention", lump sum.

45
46 The lump sum Contract price for "Erosion Control and Water Pollution Prevention" shall
47 be full pay to perform the Work as described in Section 8-01 except for costs
48 compensated by Bid Proposal items inserted through Contract Provisions as described
49 in Section 8-01.4(2). Progress payments for the lump sum item "Erosion Control and
50 Water Pollution Prevention" will be made as follows:

- 51
52 1. The Contracting Agency will pay 15 percent of the bid amount for the initial set
53 up for the item. Initial set up includes the following:

- 1
2 a. Acceptance of the TESC Plan provided by the Contracting Agency or
3 submittal of a new TESC Plan,
4
5 b. Submittal of a schedule for the installation of the BMPs, and
6
7 c. Identifying water quality sampling locations.
8
9 2. 70 percent of the bid amount will be paid in accordance with Section 1-09.9.
10
11 3. Once the project is physically complete and copies of the all reports submitted
12 to the Washington State Department of Ecology have been submitted to the
13 Engineer, and, if applicable, transference of the CSWGP back to the
14 Contracting Agency is complete, the remaining 15 percent of the bid amount
15 shall be paid in accordance with Section 1-09.9.
16

17 **8-01.5(2) Item Bids**

18 "ESC Lead", per day.

19
20 "Turbidity Curtain", per linear foot.

21
22 "Erosion Control Blanket", per square yard.

23
24 "Plastic Covering", per square yard.

25
26 "Check Dam", per linear foot.

27
28 "Inlet Protection", per each.

29
30 "Gravel Filter Berm", per linear foot.

31
32 "Stabilized Construction Entrance", per square yard.

33
34 "Street Cleaning", per hour.

35
36 "Silt Fence", per linear foot.

37
38 "Wood Chip Berm", per linear foot.

39
40 "Compost Berm", per linear foot.

41
42 "Wattle", per linear foot.

43
44 "Compost Sock", per linear foot.

45
46 "Coir Log", per linear foot.

47
48 "Temporary Curb", per linear foot.

49
50 "Temporary Pipe Slope Drain", per linear foot.

51
52 "Temporary Seeding", per acre.

53
54 "Temporary Mulching", per acre.

1
2 "Compost Blanket", per square yard.

3
4 "Outlet Protection", per each.

5
6 "Tackifier", per acre.

7
8 "Erosion/Water Pollution Control", by force account as provided in Section 1-09.6.

9
10 Maintenance and removal of erosion and water pollution control devices including removal
11 and disposal of sediment, stabilization and rehabilitation of soil disturbed by these activities,
12 and any additional Work deemed necessary by the Engineer to control erosion and water
13 pollution will be paid by force account in accordance with Section 1-09.6.

14
15 To provide a common Proposal for all Bidders, the Contracting Agency has entered an
16 amount in the Proposal to become a part of the Contractor's total Bid.

17
18 **8-01.5(3) Reinstating Unit Items with Lump Sum Erosion Control and Water**
19 **Pollution Prevention**

20 The Contract may establish the project as lump sum, in accordance with Section 8-01.4(1)
21 and also reinstate the measurement of one or more of the items described in Section 8-
22 01.4(2), except for Erosion/Water Pollution Control, by force account. When that occurs, the
23 corresponding payment provision in Section 8-01.5(2) is not deleted and the Work under that
24 item will be paid as specified.

25
26 **8-01.5(4) Items not included with Lump Sum Erosion Control and Water**
27 **Pollution Prevention**

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

29
30 "High Visibility Fence", per linear foot.

31
32 **Section 8-02, Roadside Restoration**
33 **April 1, 2019**

34 This section, including all subsections, is revised to read:

35
36 **8-02.1 Description**

37 This Work consists of preserving, maintaining, establishing and augmenting vegetation on
38 the roadsides and within mitigation or sundry site areas. It includes vegetation preservation,
39 weed and pest control, furnishing and placing topsoil, compost, and soil amendments, and
40 furnishing and planting seed, sod and plants of all forms and container types. It includes
41 performing plant establishment activities and soil bioengineering. Work shall be performed in
42 accordance with these Specifications and as shown in the Plans or as designated by
43 the Engineer.

44
45 Trees, whips, shrubs, ground covers, cuttings, live stakes, live poles, live branches,
46 rhizomes, tubers, rootstock, and seedlings will hereinafter be referred to collectively as
47 "plants" or "plant material". Grass, wildflowers, and other plant materials installed in seed
48 form will hereinafter be referred to collectively as "seed".

49
50 **8-02.2 Materials**

51 Materials shall meet the requirements of the following sections:

1		
2	Erosion Control and Roadside Planting	9-14
3	Water	9-25.2
4		

5 Botanical identification and nomenclature of plant materials shall be based on descriptions
6 by Hitchcock and Cronquist in "Flora of the Pacific Northwest". Botanical identification and
7 nomenclature of plant material not found in "Flora" shall be based on Bailey in "Hortus Third"
8 or superseding editions and amendments or as referenced in the Plans.
9

10 **8-02.3 Construction Requirements**

11 **8-02.3(1) Responsibility During Construction**

12 The Contractor shall prepare, install, and ensure adequate and proper care of all
13 roadside seeded, planted, and lawn areas on the project until all plant establishment
14 periods required by the Contract are complete or until Physical Completion of the project,
15 whichever is last.
16

17 Adequate and proper care shall include, but is not limited to, keeping all plant material
18 in a healthy, growing condition by watering, pruning, and other actions deemed
19 necessary for plant health. This Work shall include keeping the project area free from
20 insect infestation, weeds or unwanted vegetation, litter, and other debris along with
21 retaining the finished grades and mulch in a neat uniform condition.
22

23 Existing desirable vegetation shall be saved and protected unless removal is required
24 by the Contract or allowed by the Engineer.
25

26 The Contractor shall have sole responsibility for the maintenance and appearance of the
27 roadside restoration.
28

29 **8-02.3(2) Work Plans**

30 Three Work Plan submittals exist under this Section:
31

- 32 1. **Roadside Work Plan:** This plan is required when Work will disturb the roadside
33 beyond 20 feet from the pavement or where trees or native vegetation will be
34 removed, the Contractor shall submit a Type 2 Working Drawing.
35
- 36 2. **Weed and Pest Control Plan:** This plan is required when the proposal contains
37 the item "Weed and Pest Control," and prior to application of any chemicals or
38 weed control activities, the Contractor shall submit a Type 2 Working Drawing.
39
- 40 3. **Plant Establishment Plan:** This plan is required when the proposal contains the
41 item "PSIPE__", and prior to completion of Initial Planting, the Contractor shall
42 submit a Type 2 Working Drawing.
43

44 **8-02.3(2)A Roadside Work Plan**

45 The Roadside Work Plan shall define the expected impacts to the roadside and
46 restoration resulting from Work necessary to meet all Contract requirements. The
47 Contractor shall define how the roadside restoration Work included in the Contract
48 will be phased and coordinated with project Work such as earthwork, staging,
49 access, erosion and water pollution control, irrigation, etc. The Roadside Work Plan
50 shall include the following:
51

- 52 1. Limiting impacts to roadsides:
 - 53 a. Limits of Work including locations of staging or parking.
54

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- b. Means and methods for vegetation protection (in accordance with Section 1-07.16(2)).
- c. Locations outside of clearing limits where vegetation shall be removed to provide access routes or other needs to accomplish the Work.
- d. Plans for removal, preservation and stockpile of topsoil or other native materials, if outside of clearing and grubbing limits and within the project limits.

2. Roadside Restoration:

- a. Plan for propagation and procurement of plants, ground preparation for planting, and installation of plants.
- b. Means and methods to limit soil compaction where seeding and planting are to occur, such as steel plates, hog fuel access roads, wood mats for sensitive areas (including removal) and decompaction for unavoidable impacts.
- c. Plan and timing to incorporate or remove erosion control items.

3. Lawn Installation:

- a. Schedule for lawn installation work.
- b. Establishment and maintenance of lawns.

8-02.3(2)B Weed and Pest Control Plan

The Weed and Pest Control Plan shall describe all weed and pest control needs for the project.

The plan shall be prepared and signed by a licensed Commercial Pest Control Operator or Consultant. The plan for control of weeds and pests on the Contract in accordance with Section 8-02.3(3) shall include the following:

1. Names of plan preparer and pesticide operators, including contact information. The Contractor shall furnish the Engineer evidence that all operators are licensed with appropriate endorsements, and that the pesticide used is registered for use by the Washington State Department of Agriculture.
2. Means and methods of weed control, including mechanical and/or chemical.
3. Schedule for weed control including re-entry times for pesticide application by pesticide type.
4. Proposed pesticide use in accordance with Section 8-02.3(3)A: name, application rate, and Safety Data Sheets of all proposed pesticides. Include a copy of the current product label for each pesticide to be used.
5. Plan to ensure worker safety until pesticide re-entry periods are met.

1
2 **8-02.3(2)C Plant Establishment Plan**

3 The Plant Establishment Plan shall describe activities necessary to ensure
4 continued health and vigor of planted and seeded areas in accordance with the
5 requirements of Sections 8-02.3(12) and 8-02.3(13). Should the plan become
6 unworkable at any time during the first-year plant establishment, the Contractor
7 shall submit a revised plan prior to proceeding with further Work. The Plant
8 Establishment Plan shall include:

- 9
10 1. Proposed scheduling of joint inspection meetings, activities, materials,
11 equipment to be utilized for the first-year plant establishment.
12
13 2. Proposed adaptive management activities to ensure successful
14 establishment of seeded, sodded, and planted areas.
15
16 3. A contact person.
17
18 4. Management of the irrigation system, when applicable.
19

20 **8-02.3(3) Weed and Pest Control**

21 The Contractor shall control weed and pest species within the project limits using
22 integrated pest management principles consisting of mechanical, biological, and
23 chemical controls that are outlined in the Weed and Pest Control Plan or as designated
24 by the Engineer. Controlling weeds consists of killing and removing weeds by chemical,
25 mechanical, and hand methods.
26

27 **8-02.3(3)A Chemical Pesticides**

28 Chemical pesticides include, but are not restricted to, any substance or mixture of
29 substances intended for preventing, destroying, repelling or mitigating any pest,
30 including but not limited to, insecticides, herbicides, fungicides, adjuvants, and
31 additives, including plant regulators, defoliant and desiccants. The Contractor
32 shall apply chemical pesticides in accordance with the label recommendations, the
33 Washington State Department of Ecology, local sensitive area ordinances, and
34 Washington State Department of Agriculture laws and regulations. Only those
35 pesticides listed in the table Herbicides Approved for Use on WSDOT Rights of Way
36 and accepted as part of the Weed and Pest Control Plan or by written authorization
37 from the Engineer may be used
38 (www.wsdot.wa.gov/maintenance/roadside/herbicide_use.htm).
39

40 The applicator shall be licensed by the State of Washington as a Commercial
41 Applicator or Commercial Operator, with additional endorsements as required by
42 the Special Provisions or the proposed weed control plan. All chemical pesticides
43 shall be delivered to the job site in the original containers, or if pre-mixed off-site, a
44 certification of the components and formulation from the supplier is required. The
45 licensed applicator or operator shall complete WSDOT Form 540-509, Commercial
46 Pesticide Application Record, each day the pesticide is applied and furnish a copy
47 to the Engineer by the following business day.
48

49 The Contractor shall ensure confinement of the chemicals within the designated
50 areas. The use of spray chemical pesticides shall require the use of anti-drift and
51 activating agents and a spray pattern indicator unless otherwise allowed by the
52 Engineer.
53

1 The Contractor shall assume all responsibility for rendering any area unsatisfactory
2 for planting by reason of chemical application. Damage to adjacent areas, either on
3 or off the Highway Right of Way, shall be repaired to the satisfaction of the Engineer
4 or the property owner at no additional cost to the Contracting Agency.
5

6 **8-02.3(3)B Planting and Lawn Area Weed Control**

7 Planting and lawn area weed control consists of controlling weeds and pests in
8 planted and lawn areas shown in the Plans. This Work is included in the bid items
9 for planting and lawn installation.
10

11 All planting and lawn areas shall be prepared so that they are weed and debris free
12 at the time of planting and until completion of the project. The planting areas shall
13 include the entire ground surface, regardless of cover, areas around plants, and
14 those areas shown in the Plans.
15

16 Within planting or lawn areas, all species that are not shown in the Plans are
17 unwanted and shall be controlled unless specifically allowed by the Engineer to
18 remain.
19

20 Grass growing within the mulch ring of a plant, including grass applied in
21 accordance with Sections 8-01.3(2)A1, 8-02.3(9) or 8-02.3(10), shall be considered
22 a weed and shall be controlled on the project in accordance with the weed and pest
23 control plan.
24

25 All applications of post-emergent herbicides shall be made while green and growing
26 tissue is present. Residual herbicides shall not be used where rhizomatous species
27 or perennial species are indicated.
28

29 Should unwanted vegetation reach the flowering and seed stage in violation of
30 these Specifications, the Contractor shall physically remove and bag the seed
31 heads prior to seed dispersion. All physically removed vegetation and seed heads
32 shall be disposed of off-site at no cost to the Contracting Agency.
33

34 **8-02.3(3)C Project Area Weed and Pest Control**

35 The Contractor shall control weeds not otherwise covered in accordance with
36 Section 8-02.3(3)B, in all areas within the project limits, including erosion control
37 seeding areas and vegetation preservation areas, as designated by the Engineer.
38

39 When the Bid Item "Project Area Weed and Pest Control" is included in the Contract,
40 the Contractor shall also control all weeds specified as noxious by the Washington
41 State Department of Agriculture, the local Weed District, or the County Noxious
42 Weed Control Board outside of planting areas within the project limits.
43

44 **8-02.3(4) Topsoil**

45 Topsoil shall not be worked or placed when the ground or topsoil is frozen, or excessively
46 wet.
47

48 The Contractor shall protect topsoil stockpiled for project use to prevent erosion and
49 weed growth. Weed growth on topsoil stockpile sites shall be immediately eliminated in
50 accordance with the accepted Weed and Pest Control Plan and Section 8-02.3(3)C.
51

52 The subsoil where topsoil is to be placed shall be tilled to a depth of 1 foot or as specified
53 in the Special Provisions or the Plans. Topsoil of the type specified shall be evenly
54 spread over the specified areas to the depth shown in the Plans or as otherwise ordered

1 by the Engineer. Topsoil depths greater than 6 inches shall be placed in lifts no more
2 than 6 inches in depth. The first lift of topsoil shall be incorporated with sub-soil to a
3 depth of 8 inches and subsequent lifts placed and lightly tamped between lifts. After the
4 topsoil has been spread, all large clods, hard lumps, and rocks 2 inches in diameter and
5 larger, and litter shall be raked up, removed, and disposed.
6

7 **8-02.3(4)A Topsoil Type A**

8 Topsoil Type A shall be as specified in the Special Provisions. The Contractor shall
9 submit a certification by the supplier that the contents of the Topsoil meet the
10 requirements in the Special Provisions.
11

12 **8-02.3(4)B Topsoil Type B**

13 Topsoil Type B shall be naturally occurring topsoil taken from within the project limits
14 and shall meet the requirements of Section 9-14.1(2). Topsoil Type B shall be taken
15 from areas shown in the Plans to the designated depth and stockpiled at locations
16 that will not interfere with the construction of the project, and outside of sensitive
17 areas, as allowed by the Engineer. A minimum of two weeks prior to excavation of
18 Topsoil Type B, the Contractor shall pre-treat the vegetation on the designated
19 Topsoil Type B areas according to the Weed and Pest Control Plan. Areas beyond
20 the slope stakes shall be disturbed as little as possible in the above operations and
21 under no circumstances shall Topsoil Type B be stockpiled within 10 feet of any
22 existing tree or vegetation area designated to be saved and protected. The
23 Contractor shall protect topsoil stockpile from weed infestation.
24

25 The Contractor shall set aside sufficient material to satisfy the needs of the project.
26

27 Upon completion of topsoil placement, the Contractor shall dispose of remaining
28 stockpiled Topsoil Type B not required for use on the project at no additional
29 expense to the Contracting Agency in accordance with Section 2-03.3(7)C.
30

31 Should a shortage of Topsoil Type B occur, and the Contractor has wasted or
32 otherwise disposed of topsoil material, the Contractor shall furnish Topsoil Type A
33 or C at no additional expense to the Contracting Agency.
34

35 **8-02.3(4)C Topsoil Type C**

36 Topsoil Type C shall be naturally occurring topsoil obtained from a source provided
37 by the Contractor outside of the Contracting Agency-owned Right of Way. Topsoil
38 Type C shall meet the requirements of Sections 8-02.3(4)B and 9-14.1(3). The
39 Contractor shall not begin removal of Topsoil Type C from the proposed source until
40 the material has been allowed for use by the Engineer.
41

42 **8-02.3(5) Roadside Seeding, Lawn and Planting Area Preparation**

43 This Work includes preparing worked areas for the installation of all types of permanent
44 erosion control planting. Work shall be conducted so the flow lines in drainage channels
45 are maintained. Material displaced by the Contractor's operations that interferes with
46 drainage shall be removed from the channel and disposed of as allowed by the Engineer.
47

48 **8-02.3(5)A Seeding Area Preparation**

49 The Contractor shall prepare roadside seeding areas as follows:
50

- 51 1. Remove all excess material, debris, stumps, and rocks greater than 3
52 inches in diameter from areas to be seeded. Dispose of removed materials
53 offsite.
54

2. Prepare roadside seeding area to a weed free and bare condition.
3. Bring area to uniform grade and install topsoil, soil amendments, or compost as specified. Any slopes 3(H) to 1(V) or steeper shall not be tilled unless otherwise specified.
4. Compact to provide a reasonably firm but friable seedbed; tractor walk to uniformly cover the surface with longitudinal depressions at least 2 inches deep formed perpendicular to the natural flow of water on the slope. Condition the soil with sufficient water so the longitudinal depressions remain in the soil surface until completion of the seeding.
5. Seed and mulch within 2 days of preparation.

8-02.3(5)B Lawn Area Preparation

The Contractor shall prepare lawn areas as follows:

1. Prepare lawn area to a weed free and bare condition in accordance with Section 8-02.3(3)B.
2. Remove excess material, stumps, wood or rocks over 3 inches in diameter and remove from site.
3. Bring area to uniform grade and install topsoil or soil amendments in accordance with Section 8-02.3(4) and 8-02.3(6).
4. Till to an 8-inch depth, rake to a smooth even grade without low areas that trap water, and compact with a 50-pound roller. The finished grade of the soil shall be 1 inch below the top of all curbs, junction and valve boxes, walks, driveways, and other Structures.
5. Seed or sod the area within two days of preparation.

8-02.3(5)C Planting Area Preparation

The Contractor shall prepare planting areas as follows:

1. Prepare planting area to a weed free and bare condition in accordance with Section 8-02.3(3)B.
2. Decompact soil to a depth of 18 inches where construction activities have taken place or where native soils are compacted.
3. Return soil to uniform grade even with surrounding areas, leaving no holes or mounds over 3 inches in depth or height.
4. Remove excess material, stumps, wood or rocks over 3 inches in diameter and remove from site.
5. Apply compost or other amendments as indicated in the plans and in accordance with Section 8-02.3(6).
6. Cultivate amendments to a depth of 12 inches to provide a reasonably firm but friable planting area. Do not till any slopes 3(H) to 1(V) or steeper.

7. Return soil to a uniform finished grade, 1 inch, or the specified depth of mulch plus 1 inch, below walks, curbs, junction and valve boxes, catch basins, and driveways, unless otherwise specified.
8. Begin planting and mulching the area within two days of final preparation.

8-02.3(6) Soil Amendments

The Contractor shall place soil amendments of the type, quality, and quantities specified where shown in the Plans or as specified in the Special Provisions. Areas receiving soil amendments shall be bare soil or vegetation free prior to application. All soil amendments shall be installed as shown in the Plans within 30 calendar days after delivery to the project site.

8-02.3(6)A Compost

Compost used for soil amendments shall be Fine Compost unless otherwise designated in the Plans. When compost blanket is used for temporary erosion control, the compost blanket may be incorporated into the soil immediately prior to planting when used as compost soil amendment. The area shall be prepared in accordance with Section 8-02.3(5) prior to placing compost.

8-02.3(6)B Fertilizers

The Contractor shall apply fertilizer in the form, mixture, and rate specified in the Special Provisions or as directed by the Engineer. Application procedures shall be in accordance with the manufacturer's recommendations unless otherwise specified in the Special Provisions.

The Contractor shall submit a guaranteed fertilizer analysis label for the selected product a minimum of one week prior to application for acceptance. Following the Engineer's acceptance, fertilizing of the accepted ground or vegetated surfaces shall begin immediately.

In seeding and lawn areas to be fertilized, the fertilizer shall be applied concurrently with the seed. When fertilizer is hydraulically applied, the fertilizer shall be suitable for application with seeding as specified in Section 8-02.3(9)C. If hydroseeding, the fertilizer shall be placed in the hydroseeder tank no more than 1 hour prior to application.

Fertilizers for planting areas shall be applied concurrently with compost and applied prior to incorporation, unless tablet form fertilizer is specified. Where tablet form fertilizer is specified, fertilizer shall be applied concurrently with plant installation.

Fertilizer sprayed on signs or sign structures shall be removed the same day.

Areas not accessible by fertilizing equipment shall be fertilized by allowed hand methods.

Second Application: A second application of fertilizer shall be applied as specified in the Special Provisions at the locations designated in the Plans. The fertilizer shall be applied during the months of March, April, or May of the following year after the initial seeding, planting, or lawn installation. The fertilizer shall be dry granular pellets or pearls and applied in accordance with the manufacturer's recommendations or as specified in the Special Provisions.

1 **8-02.3(7) Layout of Planting, Lawn and Seeding Areas**

2 The Contractor shall lay out and prepare planting and lawn areas and receive the
3 Engineer's acceptance of layout and preparation prior to any installation activities. The
4 Contractor shall stake the location of all trees larger than 1-inch caliper and the perimeter
5 of all planting areas for acceptance by the Engineer prior to any installation activities.
6

7 The Contractor shall locate all trees to be planted in mowable grass areas a minimum
8 of 10 feet from the edge of planting areas, other trees, fence lines, and bottom of ditches
9 unless otherwise specified.

10
11 Tree locations shown in the Plans shall be considered approximate unless shown with
12 stationing and offset distance. In irrigated areas, trees shall be located so their trunk is
13 a minimum of 1/3 of the spray radius away from the nearest sprinkler head.
14

15 Unless otherwise shown, planting areas located adjacent to Roadways shall begin 6 feet
16 from the edge of shoulder on roadway fills and begin 5 feet up on the back slope from
17 the bottom on roadway cut sections. Plants within planting areas shall be located such
18 that mature branching pattern will not block sight distance, signs, or other traffic-related
19 devices. No trees shall be placed where the mature canopy will grow to within 10 feet of
20 existing power lines. Where roadside ditches are present, planting areas shall begin 5
21 feet from the centerline of the ditch unless shown otherwise in the Plans.
22

23 **8-02.3(8) Planting**

24 **8-02.3(8)A Dates and Conditions for Planting**

25 No plant material shall be planted until it has been inspected and accepted for
26 planting by the Engineer. Rejected material shall be removed from the project site
27 immediately. All plants for the project or a sufficient quantity to plant 1-acre of the
28 site, whichever is less, shall be received on site prior to the Engineer beginning
29 inspection of the plants.
30

31 Under no circumstances will planting be permitted during unsuitable soil or weather
32 conditions as determined by the Engineer. Unsuitable conditions may include frozen
33 soil, freezing weather, saturated soil, standing water, high winds, heavy rains, and
34 high water levels. The ground shall be moist at the time of planting. All planting shall
35 be accomplished during the following periods:
36

37 1. Non-Irrigated Plant Material

38 Western Washington (West of the Cascade Mountain Crest) – October 1
39 to March 1.

40 Eastern Washington (East of the Cascade Mountain Crest) – October 1 to
41 November 15.
42

43 2. Irrigated Plant Material

44
45 In irrigated areas, plant material shall not be installed until the irrigation system
46 is fully operational and accepted by the Engineer. Trees and shrubs may be
47 planted in irrigated areas during the non-irrigated planting window before the
48 irrigation system is functional with the written concurrence of the Engineer only
49 if the irrigation system is guaranteed to be operational prior to the end of the
50 non-irrigated planting window.
51

52 **8-02.3(8)B Plant Installation**

53 The Contractor shall handle plant material in the following manner:
54

1. Root systems shall be kept covered and damp at all times. Plant material shall be kept in containers until the time of planting.
2. Roots shall not be bunched, curled, twisted, or unreasonably bent when placed in the planting hole. Bare root plant material shall be dormant at the time of harvesting and planting. The root systems of all bare root plant material shall be dipped in a slurry immediately prior to planting.
3. Plant material supplied in wrapped balls shall not be removed from the wrapping until the time of planting at the planting location. The root system of balled plant material shall be moist at the time of planting. Root balls shall be loosened prior to planting. All burlap, baskets, string, wire and other such materials shall be removed from the hole when planting balled plants.
4. Plant cutting material shall be dormant at the time of cutting and planting. All cuttings shall be installed immediately if buds begin to swell.
5. Plants shall be placed with the crown at the finished grade. In their final position, plants shall have their top true root (not adventitious root) no more than 1 inch below the soil surface, no matter where that root was located in the original root ball or container. The backfill material, including container and root ball soil, shall be thoroughly watered on the same day that planting occurs regardless of season.

When installing plants, the Contractor shall dig planting holes three times the diameter of the container or root ball size. Any glazed surface of the planting hole shall be roughened prior to planting.

8-02.3(8)C Pruning, Staking, Guying, and Wrapping

Plants shall be pruned at the time of planting, only to remove minor broken or damaged twigs, branches or roots. Pruning shall be performed with a sharp tool and shall be done in such a manner as to retain or to encourage natural growth characteristics of the plants. All other pruning shall be performed only after the plants have been in the ground at least 1 year and when plants are dormant.

Trees shall only be staked when so noted in the Plans. Each tree shall be staked or guyed before completion of the backfilling in accordance with the details shown in the Plans.

Trees shall be wrapped when so noted in the Plans.

8-02.3(9) Seeding, Fertilizing, and Mulching

For all seed, the Contractor shall furnish the following documentation to the Engineer:

1. The state or provincial seed dealer license and endorsements.
2. Copies of Washington State Department of Agriculture (WSDA) test results on each lot of seed. Test results shall be within six months prior to the date of application.

8-02.3(9)A Dates for Application of Seed

Unless otherwise allowed by the Engineer, the Contractor shall apply seed for permanent erosion control during the following periods:

1

Western Washington¹ (West of the Cascade Mountain Crest)	Eastern Washington (East of the Cascade Mountain Crest)
March 1 through May 15 September 1 through October 1	October 1 through November 15
¹ Seeding may be allowed outside these dates when allowed by the Engineer.	

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9

All roadway excavation and embankment ground surfaces that are completed to final grades shall be prepared and seeded during the first available seeding window. When environmental conditions are not conducive to satisfactory results, the Engineer may suspend the seeding Work until such time that the desired results are likely to be obtained. If seeding is suspended, temporary erosion control methods according to Section 8-01 shall be used to protect the bare soil until seeding conditions improve.

10

11

8-02.3(9)B Seeding and Fertilizing

12

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The Contractor shall prepare the seeding area in accordance with Section 8-02.3(5)A and apply seed at the rate and mix specified in the Special Provisions. The Contractor shall notify the Engineer within 5 days in advance of any seeding operation and shall not begin the Work until areas prepared or designated for seeding have been accepted. Following the Engineer's acceptance, seeding of the accepted ground surfaces shall begin immediately.

19

20

Seeding shall not be done during windy weather or when the ground is frozen, or excessively wet.

21

22

When seeding by hand, the seed shall be incorporated into the top ¼ inch of soil by hand raking or other method that is allowed by the Engineer.

23

24

25

26

27

28

29

Seed applied as a separate operation using a hydroseeder shall have a tracer added to visibly aid uniform application. The tracer shall be HECF Short-Term Mulch applied at a rate of 200 to 250 pounds per acre and the tracer shall carry the measured specified seeding rate.

30

31

8-02.3(9)C Seeding with Fertilizers and Mulches

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38

When the Proposal includes any variation of seeding, fertilizing, and without mulching, the seed and fertilizer shall be applied in one application followed by mulching. West of the Cascade Mountains, seed, fertilizer, and mulch may be completely applied in one application. East of the Cascades, seeding, fertilizing, and mulching shall not be applied as a single application unless allowed by the Engineer in writing prior to application. The fertilizing and mulching shall meet the requirements of Sections 8-02.3(6) and 8-02.3(11).

39

40

8-02.3(9)D Inspection

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43

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46

Seeded areas will be inspected upon completion of seeding, fertilizing, and mulching. The Work in any area will not be measured for payment until a uniform distribution of the materials is accomplished at the specified rate. Areas that have not received a uniform application of seed, fertilizer, and mulch at the specified rate, as determined by the Engineer, shall be re-seeded, re-fertilized, or re-mulched prior to payment for seeding within a designated area.

1 **8-02.3(9)E Protection and Care of Seeded Areas**

2 The Contractor shall install and establish a stable and weed free stand of grass as
3 specified within all designated permanent seeding areas. A stable stand of grass
4 shall meet the following requirements:

- 5
6 1. A dense and uniform canopy cover, 70% for Western Washington and 50%
7 for Eastern Washington, of specified species covers all seeded areas after
8 3 months of active growth following germination during the growing
9 season. Canopy cover is defined as the cover of living and vigorous grass
10 blades, leaves, and shoots of specified species. Volunteer species, weeds,
11 woody plants, or other undesirable vegetation shall not factor into the
12 canopy cover. Growth and establishment may require supplemental
13 irrigation to meet cover requirements.
- 14
15 2. Stand health is evident by vigorously growing planted species having a
16 uniform rich-green appearance and with no dead patches or major gaps of
17 growth. A stand of grass that displays rusting, wilting, stunted growth,
18 disease, yellowing or browning of leaves, or bare patches does not meet
19 the stand health requirement.
- 20
21 3. The Contractor shall establish a stable stand of grass free of all weeds,
22 non-specified grasses, and other undesirable vegetation. Weed control
23 shall be in accordance with the Weed and Pest Control Plan and occur on
24 a monthly basis during the establishment period and through the life of the
25 Contract.
- 26
27 4. Remove all trash, rocks, construction debris, and other obstructions that
28 may be detrimental to the continued establishment of future seeding.

29
30 In addition to the requirements of Section 1-07.13(1), restoration of eroded areas
31 including clean up, removal, and proper disposal of eroded material, filling and
32 raking of eroded areas with Topsoil Type A or fine compost, and re-application of
33 the specified seed, fertilizer, and mulch shall occur at no additional cost to the
34 Contracting Agency.

35
36 **8-02.3(10) Lawn Installation**

37 **8-02.3(10)A Dates and Conditions for Lawn Installation**

38 In irrigated areas, lawn installation shall not begin until the irrigation system
39 is fully operational.

40
41 Unless otherwise allowed by the Engineer, seeded lawn installation shall be
42 performed during the following time periods at the location shown:

43

Western Washington (West of the Cascade Mountain Crest)	Eastern Washington (East of the Cascade Mountain Crest)
March 1 through May 15 September 1 through October 1	October 1 through November 15
When irrigation system is operational March 1 through October 1	When irrigation system is operational March 1 through November 1

44

1 **8-02.3(10)B Lawn Seeding and Sodding**

2 The Contractor shall prepare the lawn area in accordance with Section 8-02.3(5)
3 and apply seed at the mix and rate of application as specified in the Special
4 Provisions.

5
6 The Contractor shall have the option of sodding in lieu of seeding for lawn
7 installation at no additional expense to the Contracting Agency. Seeding in lieu of
8 sodding will not be allowed.

9
10 Seed placed by hand shall be raked into the soil. Following raking, the seeded soil
11 shall be rolled with a smooth 50-pound roller. Sod strips shall be placed within 48
12 hours of being cut. Placement shall be without voids and have the end joints
13 staggered. Following placement, the sod shall be rolled with a smooth roller to
14 establish contact with the soil.

15
16 Barriers shall be erected, with warning signs where necessary, to preclude
17 pedestrian traffic access to the newly placed lawn during the establishment period.

18
19 **8-02.3(10)C Lawn Establishment**

20 Lawn establishment shall consist of caring for all new lawn areas within the limits of
21 the project.

22
23 The lawn establishment period shall begin immediately after the lawn seeding or
24 sodding has been accepted by the Engineer and shall extend to the end of four
25 mowings or 20 working days whichever is longer. The mowings shall be done in
26 accordance with Section 8-02.3(10)D.

27
28 During the lawn establishment period, the Contractor shall ensure the continuing
29 healthy growth of the turf. This care shall include keeping the project in a
30 presentable condition including, but not limited to, removal of litter, mowing,
31 trimming, removal of grass clippings, edging, fertilization, insecticide and fungicide
32 applications, weed control, watering, repairing the irrigation system, and repair and
33 reseeding all damaged areas.

34
35 Temporary barriers shall be removed only when directed by the Engineer.

36
37 All Work performed under lawn establishment shall comply with established turf
38 management practices.

39
40 Acceptance of lawn planting as specified will be based on a uniform stand of grass
41 and a uniform grade at the time of final inspection. The Contractor shall recultivate,
42 re-grade, reseed, and refertilize areas that are bare or have a poor stand of grass
43 or not having a uniform grade through any cause before final inspection at no
44 additional cost to the Contracting Agency.

45
46 **8-02.3(10)D Lawn Mowing**

47 Lawn mowing shall begin immediately after the lawn establishment period has been
48 accepted by the Engineer and shall extend to the end of the Contract or the first-
49 year plant establishment, whichever is last.

50
51 The Contractor shall accomplish the following minimum requirements:

- 52
53 1. Mow, trim, and edge as often as conditions dictate, at a minimum, once
54 per week between April and September. Maximum height of lawn shall not

1 exceed 3 inches. The cutting height shall be 2 inches. Cuttings, trimmings,
2 and edgings shall be disposed of off the project site. When the Engineer
3 allows the use of a mulching mower, trimmings may be left in place.
4

- 5 2. Water as often as conditions dictate depending on weather and soil
6 conditions.
7
8 3. Provide fertilizer, weed control, water, and other measures as necessary
9 to establish and maintain a healthy stand of grass.

10
11 **8-02.3(11) Mulch**

12 Mulches associated with seeding and planting shall be of the type specified in the
13 Special Provisions or as indicated in the Plans. The Contractor shall evenly apply mulch
14 at the rates indicated in the Plans. Mulches shall not be placed below the anticipated
15 water level of ditch slopes, pond bank slopes, and stream banks, or in areas of standing
16 or flowing water.
17

18 **8-02.3(11)A Mulch for Seeding Areas**

19 The Contractor shall furnish and evenly apply Hydraulically Applied Erosion Control
20 Product (HECP) Long Term Mulch at the rates indicated and in accordance with the
21 Manufacturer's specifications unless otherwise specified.
22

23 HECP Long Term Mulch shall be hydraulically applied at the rate of 3500 pounds
24 per acre with no more than 2000 pounds applied in any single lift. HECP mulch shall
25 not be used within the Ordinary High Water Mark.
26

27 Mulch sprayed on signs or sign Structures shall be removed the same day.
28

29 Areas not accessible by mulching equipment shall be mulched by accepted
30 hand methods.
31

32 HECP Long Term Mulch may be applied with seed and fertilizer west of the summit
33 of the Cascade Range. East of the summit of the Cascade Range, seed and
34 fertilizer shall be applied in a single application followed by the application of mulch.
35

36 **8-02.3(11)B Bark or Woodchip Mulch**

37 The Contractor shall apply bark or wood chip mulch of the type and depth specified
38 where shown in the Plans or as specified in the Special Provisions.
39

40 The Contractor shall complete final grading and placement/incorporation of soil
41 amendments within the planting area prior to placement of mulch. Areas receiving
42 bark mulch shall be bare soil or vegetation free before application, except where
43 trees and other plants are specifically identified in the Plans or designated by the
44 Engineer to be saved and protected.
45

46 Bark or wood chip mulch shall be placed to a uniform non-compacted depth of 3
47 inches over all planting areas unless otherwise specified. Mulch shall be feathered
48 to the base of the plant and 1 inch below the top of junction and valve boxes, curbs,
49 and pavement edges.
50

51 Any contamination of the mulch due to the Contractor's operations shall be
52 corrected to its former condition at no additional cost to the Contracting Agency.
53 Mulch placed to a thickness greater than specified shall be at no additional cost to
54 the Contracting Agency.

1
2 The Contractor shall keep plant material crowns, runners, and branches free of
3 mulch at all times.
4

5 **8-02.3(11)C Bark or Woodchip Mulch Rings**

6 The Contractor shall apply mulch rings around plants installed within existing
7 vegetation areas or within seeded areas as shown in the Plans. Bark or wood chip
8 mulch rings shall be applied to the surface of vegetation free amended soil in the
9 isolated plant locations where shown in the Plans or as specified in the Special
10 Provisions. Bark or wood chip mulch shall be placed to a uniform non-compacted
11 depth of 3 inches to a radius of 2 feet around all plants within interplanted plant
12 locations.
13

14 **8-02.3(12) Completion of Initial Planting**

15 Upon completion of the initial planting within a designated area, the Engineer will make
16 an inspection of all planting areas. The Engineer will notify the Contractor, in writing, of
17 any replacements or corrective action necessary to meet the plant installation
18 requirements. The Contractor shall replace all plants and associated materials rejected
19 or missing and correct unsatisfactory conditions.
20

21 Completion of the initial planting within a designated area includes the following
22 conditions:
23

- 24 1. 100 percent of each of the plant material categories are installed as shown in
25 the Plans.
- 26 2. Planting Area is cleaned up.
- 27 3. Repairs are completed, including but not limited to, full operation of the
28 irrigation system.
- 29 4. Mulch coverage is complete.
- 30 5. All weeds are controlled.
31
32
33
34
35

36 **8-02.3(13) Plant Establishment**

37 Plant establishment consists of caring for all plants and planting areas within the project
38 limits. The provisions of Sections 1-07.13(2) and 1-07.13(3) do not apply to this Section.
39

40 When the Proposal includes the bid item PSIFE____ (Plant Selection Including Plant
41 Establishment), that bid item includes one year of plant establishment Work. The first
42 year of plant establishment shall begin immediately upon written notification from the
43 Engineer of the completion of initial planting for the project. The first-year plant
44 establishment period shall be a minimum of one calendar year. The one calendar year
45 shall be extended an amount equal to any periods where the Contractor does not comply
46 with the plant establishment requirements and plan.
47

48 During the first-year plant establishment period, the Contractor shall perform all Work
49 necessary to ensure the resumption and continued growth of the transplanted material.
50 This Work shall include, but is not limited to, applying water, removing foreign, dead, or
51 rejected plant material, maintaining all planting areas in a weed-free condition, and
52 replacing all unsatisfactory plant material planted under the Contract. If plants are stolen
53 or damaged by the acts of others, the Contracting Agency will pay invoice cost only for
54 the replacement plants with no mark-up and the Contractor will be responsible for the

1 labor to install the replacement plants. Other weed control within the project limits but
2 outside of planting, lawn, or seeding areas shall be as specified in Section 8-02.3(3)C.
3

4 During the first year of plant establishment, the Contractor shall meet monthly or at an
5 agreed upon schedule with the Engineer for the purpose of joint inspection of the
6 planting material. The Contractor shall correct all unsatisfactory conditions identified by
7 the Engineer within a 10-day period immediately following the inspection. If plant
8 replacement is required, the Contractor shall, within the 10-day period, submit a plan
9 and schedule for the plant procurement and replacement to occur during the planting
10 period as designated in Section 8-02.3(8). At the end of the plant establishment period,
11 plants that do not show normal growth shall be replaced and all staking and guying that
12 remain on the project shall be removed unless otherwise allowed by the Engineer.
13

14 All automatic irrigation systems shall be operated fully automatic during the plant
15 establishment period and until final acceptance of the Contract. Payment for water used
16 to water in plants, or hand watering of plant material or lawn areas unless otherwise
17 specified, is the responsibility of the Contractor during the first-year plant
18 establishment period.
19

20 Subsequent year plant establishment periods shall begin immediately at the completion
21 of the preceding year's plant establishment period. Each subsequent plant
22 establishment period shall be one full calendar year in duration.
23

24 During the plant establishment period(s) after the first year plant establishment, the Work
25 necessary for the continued healthy and vigorous growth of all plants material shall be
26 performed as directed by the Engineer.
27

28 Payment for water used to water plants during the subsequent year(s) of plant
29 establishment will be paid under the plant establishment item.
30

31 **8-02.3(14) Plant Replacement**

32 The Contractor shall be responsible for growing or arrange to provide sufficient plants
33 for replacement of all plant material rejected through first-year plant establishment. All
34 replacement plant material shall be inspected and accepted by the Engineer prior to
35 installation. All rejected plant material shall be replaced with acceptable plants meeting
36 the specifications and installed according to the requirements of this Section at dates
37 allowed by the Engineer.
38

39 All replacement plants shall be of the same species as the plants they replace and meet
40 the requirements of Section 9-14.8 unless otherwise allowed by the Engineer. Plants
41 may vary in size reflecting one season of growth should the Contractor elect to hold plant
42 material under nursery conditions for an additional year to serve as replacement plants.
43 Replacement plant material larger than specified in the Plans shall meet the applicable
44 section requirements of the ASNS for container class, ball size, spread, and branching
45 characteristics.
46

47 **8-02.3(15) Bioengineering**

48 Bioengineering consists of using plant materials for the purpose of streambank or
49 earthen slope construction and surface stabilization. This Work may include installing
50 woody plant cuttings in various forms as well as part of streambank or earthen slope
51 construction.
52

1 **8-02.3(15)A Fascines**

2 Live fascines shall be constructed of live and dead cuttings bundled together with a
3 diameter of 8 to 18 inches. Live cuttings shall be the species shown in the Plans.
4 Dead branches may be cuttings from any woody, non-invasive plant native to the
5 project area. Dead branches may be placed within the live fascine and on the side
6 exposed to the air. Live branches shall be placed in contact with the soil along their
7 entire length. Each live fascine must contain a minimum of eight live branches. Dead
8 branches shall constitute no more than 40 percent of the total fascine content.
9

10 The total length of each live fascine shall be a minimum of 5 feet. Branches shall
11 be bundled into log-like forms and bound with biodegradable twine spaced at 1-foot
12 intervals along the entire length of the live fascine. Live fascines shall be installed
13 horizontally in a trench whose depth shall be $\frac{1}{2}$ the diameter of the live fascine.
14 Secure the live fascine with live stakes 3 feet in length and $\frac{3}{4}$ inch in diameter placed
15 at 18-inch intervals. A minimum of three live stakes shall be used per fascine. The
16 live stakes shall be driven through the live fascine vertically into the slope. The ends
17 of live fascines shall be woven together so that no gap remains between the two
18 sections of the live fascine.
19

20 Prior to being covered with soil, the fascine shall be thoroughly watered. Once the
21 fascine is covered with 6 inches of soil, the soil covering the fascine shall be
22 thoroughly watered.
23

24 When used to remedy erosion areas, live fascines shall extend a minimum of two
25 feet beyond the visible area of erosion and soil disturbance. The locations for live
26 fascines and live stake rows shall be identified in the field for review and acceptance
27 by the Engineer. The Engineer may require adjustment of fascine locations prior to
28 installation in order to best accomplish the intended functions.
29

30 Plant replacement during plant establishment for "PSIPE Live Fascine" will be
31 required for any section void of live shoots for a length of 3 feet or more.
32 Replacement shall consist of installing live stakes, spaced 1 foot apart above the
33 fascine within the area void of live shoots. Live stakes shall be of the same species
34 as the live fascine and shall have a minimum length of 3 feet and a minimum
35 diameter of $\frac{3}{4}$ inch. The requirements of Section 8-02.3(8) apply to PSIPE Live
36 Fascine.
37

38 **8-02.3(15)B Brush Mattress**

39 Live brush mattress shall be constructed of live branch cuttings, live poles, jute rope
40 and topsoil. The live cuttings and live poles shall be from the plant species
41 designated in the Plans. Live branch cuttings shall be placed with the cut ends
42 oriented down slope as shown in the Plans. Cuttings shall overlap from side to side
43 and from top to bottom as each layer is constructed. The live branches in each
44 succeeding upper layer shall overlap the adjacent lower layer by a minimum of 6
45 inches. A maximum of 20 percent of the branches may be dead branches, but the
46 live branches shall be distributed evenly to provide even rooting and growth over
47 the entire area of the brush mattress.
48

49 The Contractor shall anchor the live brush mattress to the slope using stakes and
50 jute rope as shown in the Plans. Initially, the stakes shall be installed to protrude
51 above the live brush mattress. The Contractor shall attach the jute rope to the stakes
52 and tighten the rope by tamping the stakes further into the bank, pulling the live
53 brush mattress tight against the soil surface. The Contractor shall cover the live

1 brush mattress with sufficient stockpiled topsoil to ensure good soil contact with the
2 live plant material.

3
4 Plant replacement during plant establishment for "PSIPE Live Brush Mattress" will
5 be required for any section void of live shoots for an area of 25 square feet or more.
6 Replacement shall consist of installing live stakes, spaced 3 feet apart in a triangular
7 pattern within the area void of live shoots. Live stakes shall be of the same species
8 as the live brush mattress and shall have a minimum length of 3 feet and a minimum
9 diameter of 3/4 inch. The requirements of Section 8-02.3(8) apply to PSIPE Brush
10 Mattress.

11 **8-02.3(15)C Brush Layer**

12 Brush layers shall be constructed of live branch cuttings, randomly mixed, from the
13 plant species listed under the brush layer heading in the Plans. The number of
14 branches required will vary depending on the average branch diameter and layer
15 thickness.
16

17
18 Brush layers shall be placed in a trench dug at a 45 degree incline into the slope or
19 stream bank. Two-thirds to three-fourths of the length of the live branches shall be
20 buried. Soil shall be firmly tamped in place. Succeeding layers shall be spaced as
21 detailed in the Plans. Brush layer placed in stream banks shall be angled
22 downstream.
23

24 Brush layers may include plant establishment when designated as PSIPE Brush
25 Layer. Plant replacement for PSIPE Brush Layer will be required for each section
26 void of live shoots for a continuous distance of 3 feet or more. The requirements of
27 Section 8-02.3(8) apply to PSIPE Brush Layer.
28

29 **8-02.3(16) Roadside Maintenance Under Construction**

30 When the Contract includes the item, Roadside Maintenance Under Construction, this
31 Work includes roadside mowing and ditch maintenance, and noxious weed control
32 outside of planting areas according to Section 8-02.3(3)C.
33

34 **8-02.3(16)A Roadside Mowing**

35 The Contractor shall mow designated roadside grass areas to the limits designated
36 by the Engineer. Roadside mowing is limited to slopes not steeper than 3(H) to 1(V).
37

38 The Contractor shall mow according to the following requirements:
39

- 40 1. Trim around traffic equipment, structures, planting areas, or other features
41 extending above ground preceding or simultaneously with each mowing.
42
- 43 2. Maintain grass between 4 and 12 inches in height.
44
- 45 3. Operate mowing equipment with suitable guards to prevent throwing rocks
46 or debris onto the traveled way or off of the Contracting Agency property.
47 Power driven equipment shall not cause ruts, deformation, and
48 compaction of the vegetated soil.
49
- 50 4. Removing clippings is required on the traveled way, shoulders, walkways,
51 or Structures.
52
- 53 5. Restore soil rutting to a smooth and even grade at the direction of the
54 Engineer.

1
2 **8-02.3(16)B Ditch Maintenance**

3 The Contractor shall maintain drainage for the duration of the Contract according to
4 the following requirements:
5

- 6 1. Maintain flow lines in drainage channels and roadside ditches.
- 7
- 8 2. Cutting or trimming vegetation within drainage channels to maintain
9 positive flow.
- 10
- 11 3. Remove dirt and debris from inside of culverts or any drainage area where
12 runoff has allowed accumulations and re-seed for erosion control.
- 13
- 14 4. Restore channels to previous operational condition.
15

16 **8-02.4 Measurement**

17 Topsoil, bark or woodchip mulch and soil amendments will be measured by the acre or the
18 square yard along the grade and slope of the area covered immediately after placement.
19 Weed control pre-treatment of topsoil areas, excavation, and stockpiling are included in the
20 bid item "Topsoil Type ____".
21

22 Bark or woodchip mulch rings will be measured per each.
23

24 Compost will be measured by the acre or the square yard along the grade and slope of the
25 area covered immediately after application.
26

27 Seeding, fertilizing, and mulching will be measured by the acre or the square yard by ground
28 slope measurement or through the use of design data.
29

30 Seeding and fertilizing by hand will be measured by the square yard. No adjustment in area
31 size will be made for the vegetation free zone around each plant.
32

33 Seeded lawn, sod installation, and lawn mowing will be measured along the ground slope
34 and computed in square yards of actual lawn completed, established, and accepted.
35

36 Plant selection will be measured per each.
37

38 PSIFE __ (Plant Selection Including Plant Establishment) will be measured per each.
39

40 Live Pole will be measured per each.
41

42 Live Stake Row will be measured by the linear foot along the ground slope line.
43

44 The pay quantities for plant materials will be determined by count of the number of
45 satisfactory plants in each category accepted by the Engineer.
46

47 Fascine and PSIFE live fascine will be measured by the linear foot along the ground slope
48 line.
49

50 Brush mattress and PSIFE live brush mattress will be measured by the surface square yard
51 along the ground slope line.
52

53 Brush layer and PSIFE brush layer will be measured by the linear foot along the ground slope
54 line.

1
2 Water will be measured in accordance with Section 2-07.4. Measurement will be made of
3 only that water hauled in tank trucks or similar equipment.
4

5 **8-02.5 Payment**

6 Payment will be made for each of the following listed Bid items that are included in the
7 Proposal:
8

9 "Project Area Weed and Pest Control" will be paid in accordance with Section 1-09.6.
10 For the purpose of providing a common Proposal for all Bidders, the Contracting Agency
11 entered an amount for "Project Area Weed and Pest Control" in the Proposal to become
12 a part of the total Bid by the Contractor. Payment under this item will be made only when
13 the Work is not already covered by other items.
14

15 "Topsoil Type ____", per acre.

16 The unit Contract price per acre for "Topsoil Type ____" shall be full payment for all costs
17 for the specified Work.
18

19 "Fine Compost", per acre or per square yard.

20 "Medium Compost", per acre or per square yard.

21 "Coarse Compost", per acre or per square yard.

22 The unit Contract price per acre for "Fine Compost", "Medium Compost" or "Coarse
23 Compost" shall be full pay for furnishing and spreading the compost onto the existing
24 soil.
25

26 "Soil Amendment", per acre.

27 The unit Contract price per acre for "Soil Amendment" shall be full pay for furnishing and
28 incorporating the soil amendment into the existing soil.
29

30 "Plant Selection ____", per each.

31 The unit Contract price for "Plant Selection ____", per each shall be full pay for all Work
32 to perform the work as specified within the planting area prior to planting for weed
33 control, planting area preparation and installation of plants with initial watering.
34

35 As the plants that do not include plant establishment are obtained, propagated, and
36 grown, partial payments will be made as follows:
37

38 Payment of 15 percent of the unit Contract price per each when the plant materials
39 have been contracted, propagated, and are growing under nursery conditions. The
40 Contractor shall provide the Engineer with certification that the plant material has
41 been procured or contracted for delivery to the project for planting within the time
42 limits of the project. The certification shall state the location, quantity, and size of all
43 material.
44

45 Payment will be increased to 100 percent of the unit Contract price per each for
46 contracted plant material at the completion of the initial planting.
47

48 All partial payments shall be limited to the actual number of healthy vigorous plants
49 that meet the stage requirements, limited to plan quantity. Previous partial payments
50 made for materials rejected or missing will be deducted from future payments due
51 the Contractor.
52

53 "PSIPE ____", per each.

1 The unit Contract price for "PSIPE ____", per each, shall be full pay for all Work necessary
2 to perform as specified within the planting area for weed control and planting area
3 preparation, planting, cleanup, and water necessary to complete planting operations as
4 specified to the end of first year plant establishment.
5

6 As the plants that include plant establishment are obtained, propagated, and grown,
7 partial payments will be made as follows after inspection by the Engineer:
8

9 Payment of 5 percent of the unit Contract price, per each, when the plant materials
10 have been contracted, propagated, and are growing under nursery conditions. The
11 Contractor shall provide the Engineer with certification that the plant material has
12 been procured or contracted for delivery to the project for planting within the time
13 limits of the project. The certification shall state the location, quantity, and size of all
14 material.
15

16 Payment will be increased to 15 percent of the unit Contract price, per each, upon
17 completion of the initial weed control and planting area preparation Work.
18

19 Payment will be increased to 60 percent of the unit Contract price per each for the
20 contracted plant material in a designated unit area when planted.
21

22 Payment will be increased to 70 percent of the unit Contract price per each for
23 contracted plant material at the completion of the initial planting.
24

25 Payment will be increased to the appropriate percentage upon reaching the
26 following plant establishment milestones:
27

28	June 30th	80 percent
29		
30	September 30th	90 percent
31		
32	Completion of first-year plant establishment or after all	100 percent
33	replacement plants have been installed, whichever is	
34	later.	
35		

36 Plant establishment milestones are achieved when planting areas meet conditions
37 described in Section 8-02.3(13).
38

39 "Seeding, Fertilizing and Mulching", per acre.
40

41 "Seeding and Fertilizing", per acre or per square yard.
42

43 "Seeding and Fertilizing by Hand", per square yard.
44

45 "Second Application of Fertilizer", per acre.
46

47 "Seeding and Mulching", per acre.
48

49 "Seeded Lawn Installation", per square yard.
50

51 "Sod Installation", per square yard.
52

53 "Lawn Mowing", per square yard.
54

The unit Contract price per square yard for "Seeded Lawn Installation" or "Sod
Installation" shall be full pay for all costs necessary to prepare the area, plant or sod the
lawn, erect barriers, control weeds, and establish lawn areas and for furnishing all labor,

1 tools, equipment, and materials necessary to complete the Work as specified and shall
2 be paid in the following sequence for healthy, vigorous lawn:

3
4 Completion of Lawn Planting 60 percent of individual areas

5
6 Mid Lawn Establishment (after two mowings) 85 percent of individual areas

7
8 Completion of Lawn Establishment 100 percent of individual areas
9 (after four mowings)

10
11 "Plant Establishment Year ____" will be paid in accordance with Section 1-09.6.
12 For the purpose of providing a common Proposal for all Bidders, the Contracting Agency
13 entered an amount for "Plant Establishment - ____ Year" in the Proposal to become a
14 part of the total Bid by the Contractor.

15
16 "Live Pole", per each.

17
18 "Live Stake Row", per linear foot.

19
20 "Bark or Wood Chip Mulch", per acre.

21
22 "Bark or Wood Chip Mulch Rings", per each.

23 The unit Contract price per acre for "Bark or Wood Chip Mulch" shall be full pay for
24 furnishing and spreading the mulch onto the existing soil.

25
26 "Fascine" and "PSIPE Live Fascine", per linear foot.

27 "Brush Mattress" and "PSIPE Live Brush Mattress", per square yard.

28 "Brush Layer" and "PSIPE Brush Layer" per linear foot.

29 When PSIPE is included with Fascine, Brush Mattress, or Brush Layer, the payment
30 schedule for PSIPE ____ will apply.

31
32 "Roadside Maintenance under Construction" will be paid in accordance with Section 1-
33 09.6.

34 For the purpose of providing a common Proposal for all Bidders, the Contracting Agency
35 has entered an amount for "Roadside Maintenance Under Construction" in the Proposal
36 to become a part of the total Bid by the Contractor.

37
38 "Water", per M Gal.
39
40

41 **Section 9-05, Drainage Structures and Culverts**
42 **January 7, 2019**

43 **9-05.3(1)A End Design and Joints**

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

45
46 The joints and gasket material shall meet the requirements of ASTM C990.
47

48 **9-05.3(1)C Age at Shipment**

49 The last sentence of the first paragraph is revised to read:
50

1 Unless it is tested and accepted at an earlier age, it shall not be considered ready for
2 shipment sooner than 28 days after manufacture when made with Type II portland cement or
3 blended hydraulic cement, nor sooner than 7 days when made with Type III portland cement.
4

5 **9-05.7(3) Concrete Storm Sewer Pipe Joints**

6 The second sentence is revised to read:
7

8 The joints and gasket material shall meet the requirements of ASTM C990.
9

10 **9-05.7(4)A Hydrostatic Pressure on Pipes in Straight Alignment**

11 The first sentence is revised to read:
12

13 Hydrostatic pressure tests on pipes in straight alignment shall be made in accordance with
14 the procedure outlined in Section 10 of ASTM C990, except that they shall be performed on
15 an assembly consisting of not less than three nor more than five pipe sections selected from
16 stock by the Engineer and assembled in accordance with standard installation instructions
17 issued by the manufacturer.
18

19 **9-05.24(1) Polypropylene Culvert Pipe and Storm Sewer Pipe**

20 This section is revised to read:
21

22 Polypropylene culvert and storm sewer pipe shall conform to the following requirements:
23

- 24 1. For dual wall pipe sizes up to 60 inches: ASTM F2881 or AASHTO M 330, Type S
25 or Type D.
- 26 2. For double or triple wall pipe sizes up to 60 inches: ASTM F2764.
- 27 3. Fittings shall be factory welded, injection molded, or PVC.
28

29 **9-05.24(2) Polypropylene Sanitary Sewer Pipe**

30 This section is revised to read:
31

32 Polypropylene sanitary sewer pipe shall conform to the following requirements:
33

- 34 1. For pipe sizes up to 60 inches: ASTM F2764.
- 35 2. Fittings shall be factory welded, injection molded, or PVC.
36

37 **Section 9-14, Erosion Control and Roadside Planting** 38 **August 6, 2018**

39 **9-14.4(2) Hydraulically Applied Erosion Control Products (HECPs)**

40 In Table 1, the last four rows are deleted.
41

42 **9-14.4(2)A Long-Term Mulch**

43 The first paragraph is supplemented with the following:
44

45 Products containing cellulose fiber produced from paper or paper components will not be
46 accepted.
47

48 Table 2 is supplemented with the following new rows:
49
50
51

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

9-14.4(2)B Moderate-Term Mulch

This section is revised to read:

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

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

9-14.4(2)C Short-Term Mulch

This section is revised to read:

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

INFORMATIONAL COPY ONLY NOT FOR BIDDING

1 **SPECIAL PROVISIONS**

2
3 The following Special Provisions are made a part of this contract and supersede any
4 conflicting provisions of the 2014 Standard Specifications for Road, Bridge, and Municipal
5 Construction, and the foregoing Amendments to the Standard Specifications.
6

7 Several types of Special Provisions are included in this contract; General, Region, Bridges
8 and Structures, and Project Specific. Special Provisions types are differentiated as follows:
9

10 (date)	General Special Provision
11 (*****)	Notes a revision to a General Special Provision 12 and also notes a Project Specific Special 13 Provision.
14 (Regions ¹ date)	Region Special Provision
15 (BSP date)	Bridges and Structures Special Provision

16
17 **General Special Provisions** are similar to Standard Specifications in that they typically
18 apply to many projects, usually in more than one Region. Usually, the only difference from
19 one project to another is the inclusion of variable project data, inserted as a "fill-in".
20

21 **Region Special Provisions** are commonly applicable within the designated Region.
22 Region
23 designations are as follows:

24	<u>Regions¹</u>	
25	ER	Eastern Region
26	NCR	North Central Region
27	NWR	Northwest Region
28	OR	Olympic Region
29	SCR	South Central Region
30	SWR	Southwest Region
31		
32	WSF	Washington State Ferries Division

33
34
35 **Bridges and Structures Special Provisions** are similar to Standard Specifications in that
36 they typically apply to many projects, usually in more than one Region. Usually, the only
37 difference from one project to another is the inclusion of variable project data, inserted as a
38 "fill-in".
39

40 **Project Specific Special Provisions** normally appear only in the contract for which
41 they were developed.
42

43 **DIVISION 1 GENERAL REQUIREMENTS**

44 **DESCRIPTION OF WORK**

45
46 (*****)
47 This contract provides for the reconstruction of 1.00 miles of two lane county road in
48 Grant County, WA, and includes roadway excavation, embankment compaction, crushed
49 surfacing base course, crushed surfacing top course, seeding and fertilizing, and other
50 work all in accordance with the attached Contract Plans, these Contract Provisions and
51 the Standard Specifications.
52
53

54 **DEFINITIONS AND TERMS**

1 **1-01.3 Definitions**

2 (January 4, 2016 APWA GSP)

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

7 **Dates**

8 ***Bid Opening Date***

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

10 ***Award Date***

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

13 ***Contract Execution Date***

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

15 ***Notice to Proceed Date***

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

17 ***Substantial Completion Date***

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

23 ***Physical Completion Date***

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

27 ***Completion Date***

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

32 ***Final Acceptance Date***

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

35 Supplement this Section with the following:

36
37 All references in the Standard Specifications, Amendments, or WSDOT General Special
38 Provisions, to the terms "Department of Transportation", "Washington State Transportation
39 Commission", "Commission", "Secretary of Transportation", "Secretary", "Headquarters", and
40 "State Treasurer" shall be revised to read "Contracting Agency".

41
42 All references to the terms "State" or "state" shall be revised to read "Contracting Agency"
43 unless the reference is to an administrative agency of the State of Washington, a State
44 statute or regulation, or the context reasonably indicates otherwise.

45
46 All references to "State Materials Laboratory" shall be revised to read "Contracting Agency
47 designated location".

48
49 All references to "final contract voucher certification" shall be interpreted to mean the
50 Contracting Agency form(s) by which final payment is authorized, and final completion and
51 acceptance granted.

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Additive

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

Alternate

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

Business Day

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

Contract Bond

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

Contract Documents

See definition for "Contract".

Contract Time

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

Notice of Award

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

Notice to Proceed

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

Traffic

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

BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this section and replace it with the following:

1-02.1 Qualifications of Bidder

(January 24, 2011 APWA GSP)

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

4 **1-02.2 Plans and Specifications**

5 *(June 27, 2011 APWA GSP)*

6

7 Delete this section and replace it with the following:

8

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

11

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

14

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.

15

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

18

19 **1-02.5 Proposal Forms**

20 *(July 31, 2017 APWA GSP)*

21

22 Delete this section and replace it with the following:

23

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

34

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

38 **1-02.6 Preparation of Proposal**

39 *(June 27, 2011 APWA GSP)*

1 Supplement the second paragraph with the following:

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

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

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

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

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

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

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

16

17 (August 4, 2004)

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

19

20 **1-02.7 Bid Deposit**

21 *(March 8, 2013 APWA GSP)*

22

23 Supplement this section with the following:

24

25 Bid bonds shall contain the following:

26

1. Contracting Agency-assigned number for the project;

27

2. Name of the project;

28

3. The Contracting Agency named as obligee;

29

4. The amount of the bid bond stated either as a dollar figure or as a percentage which
30 represents five percent of the maximum bid amount that could be awarded;

31

5. Signature of the bidder's officer empowered to sign official statements. The signature
32 of the person authorized to submit the bid should agree with the signature on the bond,
33 and the title of the person must accompany the said signature;

34

6. The signature of the surety's officer empowered to sign the bond and the power of
35 attorney.

36

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

39

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

41

1 **1-02.9 Delivery of Proposal**

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

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

5
6 Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project
7 Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as
8 otherwise required in the Bid Documents, to ensure proper handling and delivery.

9
10 If the project has FHWA funding and requires UDBE Written Confirmation Document(s) or
11 Good Faith Effort (GFE) Documentation, then to be considered responsive, the Bidder shall
12 submit Written Confirmation Documentation from each UDBE firm listed on the Bidder's
13 completed UDBE Utilization Certification, form 272-056U, as required by Section 1-02.6.
14 The UDBE Written Confirmation Document(s) and/or GFE (if any) shall be received either
15 with the Bid Proposal or as a Supplement to the Bid. The document(s) shall be received **no**
16 **later than 24 hours** (not including Saturdays, Sundays and Holidays) after the time for
17 delivery of the Bid Proposal.

18
19 The Bidder shall submit to the Contracting Agency a signed "Certification of Compliance
20 with Wage Payment Statutes" document where the Bidder under penalty of perjury verifies
21 that the Bidder is in compliance with responsible bidder criteria in RCW 39.04.350
22 subsection (1) (g), as required per Section 1-02.14. The "Certification of Compliance with
23 Wage Payment Statutes" document shall be received either with the Bid Proposal or **no**
24 **later than 24 hours** (not including Saturdays, Sundays and Holidays) after the time for
25 delivery of the Bid Proposal.

26
27 If submitted after the Bid Proposal is due, the document(s) must be submitted in a sealed
28 envelope labeled the same as for the Proposal, with "Supplemental Information" added. All
29 other information required to be submitted with the Bid Proposal must be submitted with the
30 Bid Proposal itself, at the time stated in the Call for Bids.

31
32 The Contracting Agency will not open or consider any Bid Proposal that is received after the
33 time specified in the Call for Bids for receipt of Bid Proposals, or received in a location other
34 than that specified in the Call for Bids. The Contracting Agency will not open or consider
35 any "Supplemental Information" (UDBE confirmations, GFE documentation, or Certification
36 of Compliance with Wage Payment Statutes) that is received after the time specified above,
37 or received in a location other than that specified in the Call for Bids.

38
39 **Public Opening Of Proposals**

40 Section 1-02.12 is supplemented with the following:

41
42 *(*****)*

43 *Date Of Opening Bids*

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

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

48
49 The bid opening date for this project is **May 14, 2019**. Bids received will be publicly opened
50 and read after **1:30 P.M.** on this date.

51
52 **Irregular Proposals**

1 **1-02.13 Irregular Proposals**

2 *(June 20, 2017 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 an Underutilized Disadvantaged
 - 19 Business Enterprise Certification, if applicable, as required in Section 1-02.6;
 - 20 i. The Bidder fails to submit written confirmation from each UDBE firm listed on the
 - 21 Bidder's completed UDBE Utilization Certification that they are in agreement with
 - 22 the bidder's UDBE participation commitment, if applicable, as required in Section
 - 23 1-02.6, 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 UDBE Good Faith Effort documentation, if applicable,
 - 26 as 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 the
 - 31 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

44 **AWARD AND EXECUTION OF CONTRACT**

45
46 **1-03.3 Execution of Contract**

47 *(October 1, 2005 APWA GSP)*

48
49 Revise this section to read:

1 Copies of the Contract Provisions, including the unsigned Form of Contract, will be available
2 for signature by the successful bidder on the first business day following award. The number
3 of copies to be executed by the Contractor will be determined by the Contracting Agency.
4

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

11 Until the Contracting Agency executes a contract, no proposal shall bind the Contracting
12 Agency nor shall any work begin within the project limits or within Contracting Agency-
13 furnished sites. The Contractor shall bear all risks for any work begun outside such areas
14 and for any materials ordered before the contract is executed by the Contracting Agency.
15

16 If the bidder experiences circumstances beyond their control that prevents return of the
17 contract documents within the calendar days after the award date stated above, the
18 Contracting Agency may grant up to a maximum of 5 (five) additional calendar days for
19 return of the documents, provided the Contracting Agency deems the circumstances warrant
20 it.
21

22 **1-03.4 Contract Bond**

23 (December 8, 2014 APWA GSP)
24

25 Revise the first paragraph to read:
26

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

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

1 the president or vice president, unless accompanied by written proof of the authority
2 of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution,
3 power of attorney, or a letter to such effect signed by the president or vice president).
4

5 SCOPE OF THE WORK

6 7 **1-04.2 Coordination of Contract Documents, Plans, Special Provisions, 8 Specifications, and Addenda**

9 *(March 13, 2012 APWA GSP)*

10
11 Revise the second paragraph to read:

12
13 Any inconsistency in the parts of the contract shall be resolved by following this order of
14 precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

- 15 1. Addenda,
- 16 2. Proposal Form,
- 17 3. Special Provisions,
- 18 4. Contract Plans,
- 19 5. Amendments to the Standard Specifications,
- 20 6. Standard Specifications,
- 21 7. Contracting Agency's Standard Plans or Details (if any), and
- 22 8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

23 Control of Work

24 25 26 **1-05.7 Removal of Defective and Unauthorized Work**

27 *(October 1, 2005 APWA GSP)*

28
29 Supplement this section with the following:

30
31 If the Contractor fails to remedy defective or unauthorized work within the time specified in a
32 written notice from the Engineer, or fails to perform any part of the work required by the
33 Contract Documents, the Engineer may correct and remedy such work as may be identified
34 in the written notice, with Contracting Agency forces or by such other means as the
35 Contracting Agency may deem necessary.

36
37 If the Contractor fails to comply with a written order to remedy what the Engineer determines
38 to be an emergency situation, the Engineer may have the defective and unauthorized work
39 corrected immediately, have the rejected work removed and replaced, or have work the
40 Contractor refuses to perform completed by using Contracting Agency or other forces. An
41 emergency situation is any situation when, in the opinion of the Engineer, a delay in its
42 remedy could be potentially unsafe, or might cause serious risk of loss or damage to the
43 public.

44
45 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and
46 remedying defective or unauthorized work, or work the Contractor failed or refused to
47 perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from
48 monies due, or to become due, the Contractor. Such direct and indirect costs shall include in
49 particular, but without limitation, compensation for additional professional services required,
50 and costs for repair and replacement of work of others destroyed or damaged by correction,
51 removal, or replacement of the Contractor's unauthorized work.
52

1 No adjustment in contract time or compensation will be allowed because of the delay in the
2 performance of the work attributable to the exercise of the Contracting Agency's rights
3 provided by this Section.
4

5 The rights exercised under the provisions of this section shall not diminish the Contracting
6 Agency's right to pursue any other avenue for additional remedy or damages with respect to
7 the Contractor's failure to perform the work as required.
8

9 **1-05.11 Final Inspection**

10
11 Delete this section and replace it with the following:
12

13 **1-05.11 Final Inspections and Operational Testing**

14 *(October 1, 2005 APWA GSP)*
15

16 **1-05.11(1) Substantial Completion Date**

17
18 When the Contractor considers the work to be substantially complete, the Contractor shall
19 so notify the Engineer and request the Engineer establish the Substantial Completion Date.
20 The Contractor's request shall list the specific items of work that remain to be completed in
21 order to reach physical completion. The Engineer will schedule an inspection of the work
22 with the Contractor to determine the status of completion. The Engineer may also establish
23 the Substantial Completion Date unilaterally.
24

25 If, after this inspection, the Engineer concurs with the Contractor that the work is
26 substantially complete and ready for its intended use, the Engineer, by written notice to the
27 Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer
28 does not consider the work substantially complete and ready for its intended use, the
29 Engineer will, by written notice, so notify the Contractor giving the reasons therefor.
30

31 Upon receipt of written notice concurring in or denying substantial completion, whichever is
32 applicable, the Contractor shall pursue vigorously, diligently and without unauthorized
33 interruption, the work necessary to reach Substantial and Physical Completion. The
34 Contractor shall provide the Engineer with a revised schedule indicating when the
35 Contractor expects to reach substantial and physical completion of the work.
36

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

40 **1-05.11(2) Final Inspection and Physical Completion Date**

41
42 When the Contractor considers the work physically complete and ready for final inspection,
43 the Contractor by written notice, shall request the Engineer to schedule a final inspection.
44 The Engineer will set a date for final inspection. The Engineer and the Contractor will then
45 make a final inspection and the Engineer will notify the Contractor in writing of all particulars
46 in which the final inspection reveals the work incomplete or unacceptable. The Contractor
47 shall immediately take such corrective measures as are necessary to remedy the listed
48 deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption
49 until physical completion of the listed deficiencies. This process will continue until the
50 Engineer is satisfied the listed deficiencies have been corrected.
51

52 If action to correct the listed deficiencies is not initiated within 7 days after receipt of the
53 written notice listing the deficiencies, the Engineer may, upon written notice to the

1 Contractor, take whatever steps are necessary to correct those deficiencies pursuant to
2 Section 1-05.7.

3 The Contractor will not be allowed an extension of contract time because of a delay in the
4 performance of the work attributable to the exercise of the Engineer's right hereunder.
5

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

11 12 **1-05.11(3) Operational Testing**

13
14 It is the intent of the Contracting Agency to have at the Physical Completion Date a
15 complete and operable system. Therefore when the work involves the installation of
16 machinery or other mechanical equipment; street lighting, electrical distribution or signal
17 systems; irrigation systems; buildings; or other similar work it may be desirable for the
18 Engineer to have the Contractor operate and test the work for a period of time after final
19 inspection but prior to the physical completion date. Whenever items of work are listed in the
20 Contract Provisions for operational testing they shall be fully tested under operating
21 conditions for the time period specified to ensure their acceptability prior to the Physical
22 Completion Date. During and following the test period, the Contractor shall correct any items
23 of workmanship, materials, or equipment which prove faulty, or that are not in first class
24 operating condition. Equipment, electrical controls, meters, or other devices and equipment
25 to be tested during this period shall be tested under the observation of the Engineer, so that
26 the Engineer may determine their suitability for the purpose for which they were installed.
27 The Physical Completion Date cannot be established until testing and corrections have been
28 completed to the satisfaction of the Engineer.
29

30 The costs for power, gas, labor, material, supplies, and everything else needed to
31 successfully complete operational testing, shall be included in the unit contract prices
32 related to the system being tested, unless specifically set forth otherwise in the proposal.
33

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

36 37 **Superintendents, Labor and Equipment of Contractor**

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

39
40 *(*****)*

41 Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to
42 Section 1-02.1 and 1-02.14, it will take these performance reports into account.
43

44 **Cooperation With Other Contractors**

45 Section 1-05.14 is supplemented with the following:

46
47 *(March 13, 1995)*

48 *Other Contracts Or Other Work*

49 It is anticipated that the following work adjacent to or within the limits of this project will be
50 performed by others during the course of this project and will require coordination of the
51 work:
52

- 1 1. Utility relocations and/or normal maintenance work by telephone and power
- 2 companies.
- 3 2. Normal maintenance work by Grant County Road crews.
- 4 3. Normal maintenance work by irrigation district crews.
- 5

6 **1-05.15 Method of Serving Notices**
7 *(March 25, 2009 APWA GSP)*

8 Revise the second paragraph to read:

9

10 All correspondence from the Contractor shall be directed to the Project Engineer. All

11 correspondence from the Contractor constituting any notification, notice of protest, notice of

12 dispute, or other correspondence constituting notification required to be furnished under the

13 Contract, must be in paper format, hand delivered or sent via mail delivery service to the

14 Project Engineer's office. Electronic copies such as e-mails or electronically delivered

15 copies of correspondence will not constitute such notice and will not comply with the

16 requirements of the Contract.

17

18

19 Add the following new section:

20

21 **1-05.16 Water and Power**
22 *(October 1, 2005 APWA GSP)*

23

24 The Contractor shall make necessary arrangements, and shall bear the costs for power and

25 water necessary for the performance of the work, unless the contract includes power and

26 water as a pay item.

27 Add the following new section:

28

29 **1-05.17 Oral Agreements**
30 *(October 1, 2005 APWA GSP)*

31

32 No oral agreement or conversation with any officer, agent, or employee of the Contracting

33 Agency, either before or after execution of the contract, shall affect or modify any of the

34 terms or obligations contained in any of the documents comprising the contract. Such oral

35 agreement or conversation shall be considered as unofficial information and in no way

36 binding upon the Contracting Agency, unless subsequently put in writing and signed by the

37 Contracting Agency.

38

39

40 **LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

41

42 **1-07.1 Laws to be Observed**
43 *(October 1, 2005 APWA GSP)*

44

45 Supplement this section with the following:

46

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

48 apply.

49

1 The Washington State Department of Labor and Industries shall be the sole and paramount
2 administrative agency responsible for the administration of the provisions of the Washington
3 Industrial Safety and Health Act of 1973 (WISHA).
4

5 The Contractor shall maintain at the project site office, or other well known place at the
6 project site, all articles necessary for providing first aid to the injured. The Contractor shall
7 establish, publish, and make known to all employees, procedures for ensuring immediate
8 removal to a hospital, or doctor's care, persons, including employees, who may have been
9 injured on the project site. Employees should not be permitted to work on the project site
10 before the Contractor has established and made known procedures for removal of injured
11 persons to a hospital or a doctor's care.
12

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

23 **1-07.2 State Taxes**

24
25 Delete this section, including its sub-sections, in its entirety and replace it with the following:
26

27 **1-07.2 State Sales Tax** 28 *(June 27, 2011 APWA GSP)* 29

30 The Washington State Department of Revenue has issued special rules on the State sales
31 tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor
32 should contact the Washington State Department of Revenue for answers to questions in
33 this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid
34 on a misunderstood tax liability.
35

36 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
37 amounts. In some cases, however, state retail sales tax will not be included. Section 1-
38 07.2(2) describes this exception.
39

40 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a
41 FHWA-funded Project) only if the Contractor has obtained from the Washington State
42 Department of Revenue a certificate showing that all contract-related taxes have been paid
43 (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor
44 any amount the Contractor may owe the Washington State Department of Revenue,
45 whether the amount owed relates to this contract or not. Any amount so deducted will be
46 paid into the proper State fund.
47

48 **1-07.2(1) State Sales Tax — Rule 171** 49

50 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets,
51 roads, etc., which are owned by a municipal corporation, or political subdivision of the state,
52 or by the United States, and which are used primarily for foot or vehicular traffic. This
53 includes storm or combined sewer systems within and included as a part of the street or

1 road drainage system and power lines when such are part of the roadway lighting system.
2 For work performed in such cases, the Contractor shall include Washington State Retail
3 Sales Taxes in the various unit bid item prices, or other contract amounts, including those
4 that the Contractor pays on the purchase of the materials, equipment, or supplies used or
5 consumed in doing the work.

6 7 **1-07.2(2) State Sales Tax — Rule 170**

8
9 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or
10 existing buildings, or other structures, upon real property. This includes, but is not limited to,
11 the construction of streets, roads, highways, etc., owned by the state of Washington; water
12 mains and their appurtenances; sanitary sewers and sewage disposal systems unless such
13 sewers and disposal systems are within, and a part of, a street or road drainage system;
14 telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above
15 streets or roads, unless such power lines become a part of a street or road lighting system;
16 and installing or attaching of any article of tangible personal property in or to real property,
17 whether or not such personal property becomes a part of the realty by virtue of installation.

18
19 For work performed in such cases, the Contractor shall collect from the Contracting Agency,
20 retail sales tax on the full contract price. The Contracting Agency will automatically add this
21 sales tax to each payment to the Contractor. For this reason, the Contractor shall not
22 include the retail sales tax in the unit bid item prices, or in any other contract amount subject
23 to Rule 170, with the following exception.

24
25 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or
26 a subcontractor makes on the purchase or rental of tools, machinery, equipment, or
27 consumable supplies not integrated into the project. Such sales taxes shall be included in
28 the unit bid item prices or in any other contract amount.

29 30 **1-07.2(3) Services**

31
32 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract
33 wholly for professional or other services (as defined in Washington State Department of
34 Revenue Rules 138 and 244).

35 36 **1-07.7 Load Limits**

37 Section 1-07.7 is supplemented with the following:

38
39 (March 13, 1995)

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

43 44 **1-07.9 Wages**

45 46 **General**

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

48
49 The State rates incorporated in this contract are applicable to all construction
50 activities associated with this contract.
51

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1-07.13 Contractor's Responsibility for Work

Repair of Damage

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

(August 6, 2001)

The Contractor shall promptly repair all damage to either temporary or permanent work as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2), or 1-07.13(3), payment will be made in accordance with Section 1-04.4. Payment will be limited to repair of damaged work only. No payment will be made for delay or disruption of work.

1-07.17 Utilities And Similar Facilities

Section 1-07.17 is supplemented with the following:

(*****)

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

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

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

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

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

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

<http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-DigLaw.aspx>

The Contractor shall attend a mandatory utility preconstruction meeting with the Engineer, all affected Subcontractors, and all utility owners and their Contractors prior to beginning onsite work.

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

- 4 • Grant County PUD, Jaime Esparza
5 30 C Street SW,
6 Ephrata, WA 98823, (509) 754-5088 Ext. 2156
7 jesparz@gcpud.org
- 8 • CenturyLink, Mike Brown
9 Phone (509) 839-6651; Fax (509) 839-6625;
10 mike.brown@centurylink.com
- 11 • East Columbia Basin Irrigation District, Nate Andreini
12 nandreini@ecbid.org

13
14 (*****)

15 ***Vibratory Rollers over USBR Crossings***

16 Vibratory rollers shall not be used within 50 feet on each side of each USBR crossing as
17 staked in the field.
18

19 **1-07.18 Public Liability and Property Damage Insurance**

20
21 Delete this section in its entirety, and replace it with the following:
22

23 **1-07.18 Public Liability and Property Damage Insurance**

24
25 Delete this section in its entirety, and replace it with the following:
26

27 **1-07.18 Insurance**

28 *(January 4, 2016 APWA GSP)*
29

30 **1-07.18(1) General Requirements**

- 31
- 32 A. The Contractor shall procure and maintain the insurance described in all subsections of
33 section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of
34 not less than A- VII and licensed to do business in the State of Washington. The
35 Contracting Agency reserves the right to approve or reject the insurance provided, based on
36 the insurer's financial condition.
37
 - 38 B. The Contractor shall keep this insurance in force without interruption from the
39 commencement of the Contractor's Work through the term of the Contract and for thirty (30)
40 days after the Physical Completion date, unless otherwise indicated below.
41
 - 42 C. If any insurance policy is written on a claims made form, its retroactive date, and that of all
43 subsequent renewals, shall be no later than the effective date of this Contract. The policy
44 shall state that coverage is claims made, and state the retroactive date. Claims-made form
45 coverage shall be maintained by the Contractor for a minimum of 36 months following the
46 Completion Date or earlier termination of this Contract, and the Contractor shall annually
47 provide the Contracting Agency with proof of renewal. If renewal of the claims made form of
48 coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase
49 an extended reporting period ("tail") or execute another form of guarantee acceptable to the
50 Contracting Agency to assure financial responsibility for liability for services performed.
51

1 D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella
2 Liability insurance policies shall be primary and non-contributory insurance as respects the
3 Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance,
4 self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be
5 excess of the Contractor's insurance and shall not contribute with it.
6

7 E. The Contractor shall provide the Contracting Agency and all additional insureds with written
8 notice of any policy cancellation, within two business days of their receipt of such notice.

9
10 F. The Contractor shall not begin work under the Contract until the required insurance has
11 been obtained and approved by the Contracting Agency
12

13 G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a
14 material breach of contract, upon which the Contracting Agency may, after giving five
15 business days' notice to the Contractor to correct the breach, immediately terminate the
16 Contract or, at its discretion, procure or renew such insurance and pay any and all premiums
17 in connection therewith, with any sums so expended to be repaid to the Contracting Agency
18 on demand, or at the sole discretion of the Contracting Agency, offset against funds due the
19 Contractor from the Contracting Agency.
20

21 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of
22 the Contract and no additional payment will be made.
23

24 **1-07.18(2) Additional Insured**

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

- 28 ▪ the Contracting Agency and its officers, elected officials, employees, agents, and
29 volunteers
30

31 The above-listed entities shall be additional insured(s) for the full available limits of liability
32 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor
33 are greater than those required by this Contract, and irrespective of whether the Certificate of
34 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those
35 maintained by the Contractor.
36

37 For Commercial General Liability insurance coverage, the required additional insured
38 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations
39 and CG 20 37 10 01 for completed operations.
40

41 **1-07.18(3) Subcontractors**

42 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that
43 complies with all applicable requirements of the Contractor-provided insurance as set forth
44 herein, except the Contractor shall have sole responsibility for determining the limits of coverage
45 required to be obtained by Subcontractors.
46

47 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in
48 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that

1 section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10
2 01 for ongoing operations and CG 20 37 10 01 for completed operations.

3
4 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
5 Agency evidence of insurance and copies of the additional insured endorsements of each
6 Subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.
7

8 **1-07.18(4) Verification of Coverage**

9 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and
10 endorsements for each policy of insurance meeting the requirements set forth herein when the
11 Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand
12 such verification of coverage with these insurance requirements or failure of Contracting Agency
13 to identify a deficiency from the insurance documentation provided shall not be construed as a
14 waiver of Contractor's obligation to maintain such insurance.
15

16 Verification of coverage shall include:

- 17 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
- 18 2. Copies of all endorsements naming Contracting Agency and all other entities listed in
19 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit
20 a copy of any blanket additional insured clause from its policies instead of a separate
21 endorsement.
- 22 3. Any other amendatory endorsements to show the coverage required herein.
- 23 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these
24 requirements – actual endorsements must be submitted.
25

26 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting
27 Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required
28 on this Project, a full and certified copy of that policy is required when the Contractor delivers
29 the signed Contract for the work.
30

31 **1-07.18(5) Coverages and Limits**

32 The insurance shall provide the minimum coverages and limits set forth below. Contractor's
33 maintenance of insurance, its scope of coverage, and limits as required herein shall not be
34 construed to limit the liability of the Contractor to the coverage provided by such insurance, or
35 otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.
36

37 All deductibles and self-insured retentions must be disclosed and are subject to approval by the
38 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured
39 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a
40 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-
41 insured retention shall be the responsibility of the Contractor.
42

43 **1-07.18(5)A Commercial General Liability**

44 Commercial General Liability insurance shall be written on coverage forms at least as broad as
45 ISO occurrence form CG 00 01, including but not limited to liability arising from premises,
46 operations, stop gap liability, independent contractors, products-completed operations, personal
47 and advertising injury, and liability assumed under an insured contract. There shall be no
48 exclusion for liability arising from explosion, collapse or underground property damage.
49

1 The Commercial General Liability insurance shall be endorsed to provide a per project general
2 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.
3

4 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's
5 completed operations for at least three years following Substantial Completion of the Work.
6

7 Such policy must provide the following minimum limits:

8 \$1,000,000 Each Occurrence

9 \$2,000,000 General Aggregate

10 \$2,000,000 Products & Completed Operations Aggregate

11 \$1,000,000 Personal & Advertising Injury each offence

12 \$1,000,000 Stop Gap / Employers' Liability each accident
13

14 **1-07.18(5)B Automobile Liability**

15 Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be
16 written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the
17 transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48
18 endorsements.
19

20 Such policy must provide the following minimum limit:

21 \$1,000,000 Combined single limit each accident
22

23 **1-07.18(5)C Workers' Compensation**

24 The Contractor shall comply with Workers' Compensation coverage as required by the Industrial
25 Insurance laws of the State of Washington.
26

27 Section 1-07.18 is supplemented with the following:
28

29 **1-07.23 Public Convenience and Safety**

30 **Construction Under Traffic**

31 Section 1-07.23(1) is supplemented with the following:
32

33 **(January 2, 2012)**

34 **Work Zone Clear Zone**

35 The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The
36 WZCZ applies only to temporary roadside objects introduced by the Contractor's
37 operations and does not apply to preexisting conditions or permanent Work. Those work
38 operations that are actively in progress shall be in accordance with adopted and
39 approved Traffic Control Plans, and other contract requirements.
40

41 During nonworking hours equipment or materials shall not be within the WZCZ unless
42 they are protected by permanent guardrail or temporary concrete barrier. The use of
43 temporary concrete barrier shall be permitted only if the Engineer approves the
44 installation and location.
45

46 During actual hours of work, unless protected as described above, only materials
47 absolutely necessary to construction shall be within the WZCZ and only construction

1 vehicles absolutely necessary to construction shall be allowed within the WZCZ or
2 allowed to stop or park on the shoulder of the roadway.

3
4 The Contractor's nonessential vehicles and employees private vehicles shall not be
5 permitted to park within the WZCZ at any time unless protected as described above.

6
7 Deviation from the above requirements shall not occur unless the Contractor has
8 requested the deviation in writing and the Engineer has provided written approval.

9
10 Minimum WZCZ distances are measured from the edge of traveled way and will be
11 determined as follows:

12	13	14	15	16	17	18	19	20
	Regulatory		Distance from					
	<u>Posted Speed</u>		<u>Traveled Way</u>					
			<u>(Feet)</u>					
	35 mph or less		10 *					
	40 mph		15					
	45 to 55 mph		20					
	60 mph or greater		30					
	* or 2-feet beyond the outside edge of sidewalk							

21
22 **Minimum Work Zone Clear Zone Distance**

23
24 (*****)

25 **Payment**

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

29
30 **PROSECUTION AND PROGRESS**

31 Add the following new section:

32
33 **1-08.0 Preliminary Matters**

34 (May 25, 2006 APWA GSP)

35
36 Add the following new section:

37
38 **1-08.0(1) Preconstruction Conference**

39 (October 10, 2008 APWA GSP)

40
41 Prior to the Contractor beginning the work, a preconstruction conference will be held
42 between the Contractor, the Engineer and such other interested parties as may be invited.

43 The purpose of the preconstruction conference will be:

- 44
- 45 1. To review the initial progress schedule;
 - 46 2. To establish a working understanding among the various parties associated or
47 affected by the work;
 - 48 3. To establish and review procedures for progress payment, notifications, approvals,
49 submittals, etc.;
 4. To establish normal working hours for the work;

5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

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

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

Add the following new section:

1-08.0(2) Hours of Work

(*****)

Except in the case of emergency or unless otherwise approved by the Contracting Agency, the normal straight time working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m. of a working day with a maximum 1-hour lunch break and a 5-day work week. The normal straight time 8-hour working period for the Contract shall be established at the preconstruction conference or prior to the Contractor commencing the work.

Written permission from the Engineer is required, if a Contractor desires to perform work on holidays, Saturdays, or Sundays; before 7:00 a.m. or after 6:00 p.m. on any day; or longer than an 8-hour period on any day. The Contractor shall apply in writing to the Engineer for such permission, no later than noon on the working day prior to the day for which the Contractor is requesting permission to work.

Permission to work between the hours of 10:00 p.m. and 7:00 a.m. during weekdays and between the hours of 10:00 p.m. and 9:00 a.m. on weekends or holidays may also be subject to noise control requirements. Approval to continue work during these hours may be revoked at any time the Contractor exceeds the Contracting Agency's noise control regulations or complaints are received from the public or adjoining property owners regarding the noise from the Contractor's operations. The Contractor shall have no claim for damages or delays should such permission be revoked for these reasons.

Permission to work Saturdays, Sundays, holidays, or other than the agreed upon normal straight time working hours Monday through Friday may be given subject to certain other conditions set forth by the Contracting Agency or Engineer. These conditions may include but are not limited to:

- The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees when in the opinion of the Engineer, such work necessitates their presence.
- On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times.
- Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
- Considering multiple work shifts as multiple working days with respect to contract time, even though the multiple shifts occur in a single 24-hour period.

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1-08.1 Subcontracting

Section 1-08.1 is supplemented with the following:

(October 12, 1998)

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

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

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

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

(July 23, 2015 APWA GSP)

Delete the eighth paragraph and replace it with the following:

On all projects funded with federal assistance the Contractor shall submit "Quarterly Report of Amounts Credited as DBE Participation" (form 422-102 EF) on a quarterly basis, in which DBE Work is accomplished, for every quarter in which the Contract is active or upon completion of the project, as appropriate. The quarterly reports are due on the 20th of April, July, October, and January for the four respective quarters.

Subcontract Completion and Return of Retainage Withheld

Section 1-08.1(1) is revised to read:

(August 4, 2014)

The following procedures shall apply to all subcontracts entered into as a part of this Contract:

Requirements

- 1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not later than ten days after receipt of payment from the Contracting Agency for work satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's interest therein.

- 1 2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor
2 shall be made within 30 days after Subcontractor's Work is satisfactorily completed.
3
4 3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when
5 all task and requirements of the Subcontract have been accomplished and including
6 any required documentation and material testing.
7
8 4. Failure by a Prime Contractor or Subcontractor to comply with these requirements
9 may result in one or more of the following:
10
11 a. Withholding of payments until the Prime Contractor or Subcontractor complies
12
13 b. Failure to comply shall be reflected in the Prime Contractor's Performance
14 Evaluation
15
16 c. Cancellation, Termination, or Suspension of the Contract, in whole or in part
17
18 d. Other sanctions as provided by the subcontract or by law under applicable
19 prompt pay statutes.
20
21

22 **Conditions**

23 This clause does not create a contractual relationship between the Contracting Agency
24 and any Subcontractor as stated in Section 1-08.1. Also, it is not intended to bestow
25 upon any Subcontractor, the status of a third-party beneficiary to the Contract between
26 the Contracting Agency and the Contractor.
27

28 **Payment**

29 The Contractor will be solely responsible for any additional costs involved in paying
30 retainage to the Subcontractors. Those costs shall be incidental to the respective Bid
31 Items.
32

33 **1-08.4 Prosecution Of Work**

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

35
36 (*****)

37 The Contractor shall begin work on **June 4, 2019**, unless otherwise approved by the
38 Engineer.
39

40 **1-08.5 Time For Completion**

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

42
43 (*****)

44 Contract time shall begin on the first working day. The first working day shall be June 4,
45 2019, unless otherwise approved by the Engineer.
46

47 Section 1-08.5 is supplemented with the following:

48
49 (March 13, 1995)

50 This project shall be physically completed within **20 working days**.
51

52 **1-08.9 Liquidated Damages**

1 (August 14, 2013 APWA GSP)

2
3 Revise the fourth paragraph to read:

4
5 When the Contract Work has progressed to Substantial Completion as defined in the
6 Contract, the Engineer may determine that the work is Substantially Complete. The
7 Engineer will notify the Contractor in writing of the Substantial Completion Date. For
8 overruns in Contract time occurring after the date so established, the formula for liquidated
9 damages shown above will not apply. For overruns in Contract time occurring after the
10 Substantial Completion Date, liquidated damages shall be assessed on the basis of direct
11 engineering and related costs assignable to the project until the actual Physical Completion
12 Date of all the Contract Work. The Contractor shall complete the remaining Work as
13 promptly as possible. Upon request by the Project Engineer, the Contractor shall furnish a
14 written schedule for completing the physical Work on the Contract.
15

16 Measurement and Payment

17 Payments

18
19
20 Section 1-09.9 is supplemented with the following:

21
22 (March 13, 1995)

23 The quantity of the following items to be paid for on this project shall be the quantity shown
24 in the Proposal, unless changes are made in accordance with Section 1-04.4 which affect
25 this quantity. The quantity shown in the Proposal will be adjusted by the amount of the
26 change and will be paid for as specified in Section 1-04.4.
27

28 *** "Roadway Excavation Incl. Haul" "Embankment Compaction"***

29
30 The quantities in the Proposal are listed only for the convenience of the Contractor in
31 determining the volume of work involved and are not guaranteed to be accurate. The
32 prospective bidders shall verify these quantities before submitting a bid. No adjustments
33 other than for approved changes will be made in the quantity even though the actual
34 quantities required may deviate from those listed.
35

36 The unit contract price for these items shall be full pay to construct and complete this
37 portion of the work.
38
39

40 1-09.13 Claims Resolution

41 1-09.13(3) Claims \$250,000 or Less

42 (October 1, 2005 APWA GSP)

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

45
46 The Contractor and the Contracting Agency mutually agree that those claims that total
47 \$250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by
48 nonbinding ADR processes, shall be resolved through litigation unless the parties mutually
49 agree in writing to resolve the claim through binding arbitration.
50

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

2 (October 1, 2005 APWA GSP)

3
4 Revise the third paragraph to read:

5
6 The Contracting Agency and the Contractor mutually agree to be bound by the decision of
7 the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in
8 the Superior Court of the county in which the Contracting Agency's headquarters are
9 located. The decision of the arbitrator and the specific basis for the decision shall be in
10 writing. The arbitrator shall use the contract as a basis for decisions.

11
12 **TEMPORARY TRAFFIC CONTROL**

13 **General**

14
15 Section 1-10.1 is supplemented with the following:

16 (April 1, 2013)

17 The Contracting Agency will provide the following labor, equipment and/or materials
18 resources to the Contractor for use on the project.

19
20 *** Class A Traffic Signs as outlined in the included Construction Sign Plan and Sign
21 Table ***

22
23 The Contractor shall notify the Engineer when each resource is to be utilized and shall
24 provide a minimum of *** 5 (five) *** working days advance notice to allow any
25 necessary arrangements to be made.

26
27 **1-10.2 Traffic Control Management**

28 **General**

29
30 Section 1-10.2(1) is supplemented with the following:

31
32 (December 1, 2008)

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

36
37 The Northwest Laborers-Employers Training Trust
38 27055 Ohio Ave.
39 Kingston, WA 98346
40 (360) 297-3035

41
42 Evergreen Safety Council
43 401 Pontius Ave. N.
44 Seattle, WA 98109
45 1-800-521-0778 or (206) 382-4090

46
47 The American Traffic Safety Services Association
48 15 Riverside Parkway, Suite 100
49 Fredericksburg, Virginia 22406-1022
50 Training Dept. Toll Free (877) 642-4637

1-10.2(2) Traffic Control Plans

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

(*****)

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

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

The Contractor will not be permitted to close Baseline.5-SE Road. One-way traffic must be kept open during working hours and two-way traffic must be restored at the end of each working day for local traffic. Access to County road intersections, local farms and residences shall be kept open at all times.

1-10.3 Traffic Control Labor, Procedures and Devices

1-10.3(3) Traffic Control Devices

Construction Signs

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

(*****)

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

Signs shall be taken down and returned to Grant County Sign Shop by the Contractor when their need has ceased as determined by the Engineer. Due to County Force BST placement on this project, the signs will likely stay up until after those operations have ceased. The value of signs furnished by the Contracting Agency to the Contractor is fixed at \$10.00 per square foot. The value of such signs which are damaged or not returned as provided in Sections 1-10.1 and 1-10.3(3)A will be deducted from payment due or to become due the Contractor.

Wood Sign Posts

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

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

1	6x6	21.0	25.0
2	6x8	26.0	31.0

3
4 Two Post Installation
5 (For signs 5 feet or greater in width)
6

7	<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
8	4x4	-	16.0
9	4x6	17.0	36.0
10	6x6	37.0	46.0
11	6x8	47.0	75.0 *

12
13 * The Engineer will determine the post size for signs greater than 75
14 square feet.
15

16 **Barricades**

17 Section 1-10.3(3)D is supplemented with the following:
18

19 (*****)

20 The barricades, provided by the contractor, shall be Type III and constructed in
21 accordance with the details shown in the MUTCD and the Standard Plans. The
22 barricade width shall be eight (8) feet.
23

24 As may be indicated in the Signing Plan, Traffic Control Plans, or the Contract
25 Provisions, the Contractor may be required to install signs, warning lights, or both, on
26 barricades.
27

28 **1-10.4 Measurement**

29 Section 1-10.4 is supplemented with the following:
30

31 (*****)

32 No unit of measurement will be made for any of the items contained in the Traffic Control
33 Plan or Section 1-10 of the Standard Specifications.
34

35 **1-10.5 Payment**

36 Section 1-10.5(1) is supplemented with the following:
37

38 (*****)

39 No additional compensation will be paid to the Contractor for any cost or expense incurred
40 as a result of the requirements of this provision and all costs shall be considered incidental
41 to and included in other applicable contract items.
42

43 **DIVISION 2 EARTHWORK**

44 **CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

45 **2-01.1 Description**

46
47
48 Section 2-01.1 is supplemented with the following:

49 (March 13, 1995)

1 Clearing and grubbing on this project shall be performed within the 60 foot County right
2 of way between Station 10+17 and Station 63+24.01. All trees and fences located within
3 this right of way shall be removed by the contractor.
4

5 **2-01.5 Payment**

6 Section 2-01.5 is supplemented with the following:

7
8 (*****)

9 The lump sum price for "Clearing and Grubbing" shall be full pay for all work described in
10 this section.
11

12 **ROADWAY EXCAVATION AND EMBANKMENT**

13 **Construction Requirements**

14 **Disposal Of Surplus Material**

15
16 Section 2-03.3(7)A is supplemented with the following:

17
18 (*****)

19 A waste site has not been provided by the County for the disposal of excess material.
20

21 **DIVISION 4 BASES**

22 **BALLAST AND CRUSHED SURFACING**

23 **Construction Requirements**

24 **Equipment**

25
26
27 The first sentence of Section 4-04.3(1) is revised to read:

28
29 (*****)

30 All equipment necessary for the satisfactory performance of this construction shall be on
31 the project and approved by the Engineer prior to beginning work. The Contractor shall
32 demonstrate that equipment of sufficient size, number, and reliability has been provided
33 to meet the project schedule submitted by the Contractor, if requested by the Engineer.
34

35 **Placing and Spreading**

36
37 The third paragraph of Section 4-04.3(4) is supplemented with the following:

38
39 (*****)

40 The Contractor shall fill each hauling vehicle with the same quantity of crushed
41 aggregate. This is necessary in order to provide consistent spreads within the limits of
42 the specific section determined by the Engineer.
43

44 The Contractor shall place the material in such a way as to minimize the impact of the
45 hauling vehicles. Hauling over any of the surfacing materials prior to processing shall
46 not be permitted.
47

1 **Miscellaneous Requirement**

2 The second sentence of the first paragraph of Section 4-04.3(7) is revised to read:

3
4 (*****)

5 Each course of surfacing material shall be placed in its entirety before placing the
6 succeeding course unless otherwise authorized by the Engineer. The Contractor shall
7 repair any segregated areas by reprocessing the effected section of each course before
8 placing any additional material.

9
10 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

11
12 **EROSION CONTROL AND WATER POLLUTION CONTROL**

13 **Construction Requirements**

14
15 **Mulching**

16
17 Section 8-01.3(2)D is supplemented with the following:

18
19 (*****)

20 A 50%/50% mix of Wood cellulose fiber suitable for use with a hydroseeder and Hydro-
21 Straw with Tackifier (Hydrostraw Guar Plus or approved equal) shall be applied at a rate
22 of 2,000 pounds per acre. 50/50 mix shall be sufficiently mixed in the truck prior to
23 application.

24
25
26 **DIVISION 9 MATERIALS**

27
28 **EROSION CONTROL AND ROADSIDE PLANTING**

29
30 **9-14.2 Seed**

31 Section 9-14.2 is supplemented with the following:

32
33 (*****)

34 The following Roadside seed mix is approved for application on this project.

36 Kind and variety of	37 % By	38 Minimum %	39 Minimum %
40 Seed in mixture	41 Weight	42 Pure Seed	43 Germination
44 Special Eastern Washington Roadside Mix Containing*:			
45 Bluegrass, Sherman Big	10	9.5	70
46 Wheatgrass, Crested, Nordan	70	68.5	85
47 Wheatgrass, Thickspike, Critana	10	9.5	85
48 Sandburg	5	4.5	
Sheep Fescue	5	4.5	
Weed Seed		2.0 (max)	
Inert and other crop		<u>3.5 (max)</u>	
Total		100.0	

1 *Special Eastern Washington Roadside Mix shall be applied at the rate of twenty-one
2 (21) pounds per acre on all areas to be seeded.

3
4 **9-14.3 Fertilizer**

5 Section 9-14.3 is supplemented with the following:

6
7 (*****)

8 The Contractor shall use 16-16-16 slow release fertilizer, and it shall be applied at the
9 rate of 125 pounds per acre.

10
11 **(April 1, 2019)**

12 **Standard Plans**

13 The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01
14 transmitted under Publications Transmittal No. PT 16-048, effective August 6, 2018 is made a
15 part of this contract.
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PROPOSAL

To: Board of County Commissioners
Grant County, Washington

Date: _____, 2018

This certifies that the undersigned has examined the location of **BASELINE.5-SE ROAD RECONSTRUCTION PROJECT, CRP 18-02, 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.

BASELINE.5-SE ROAD RECONSTRUCTION PROJECT

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	Clearing and Grubbing	At ////////.//// Per Lump Sum	.
GRADING				
3	1,746 C.Y.	Roadway Excavation	At . . Per Cubic Yard	.
4	874	Embankment Compaction	At . . Per Cubic Yard	.
DRAINAGE				
	130 L.F.	Plain Steel Culvert Pipe 0.064" Th. - 12" Diameter	At . . Per Linear Foot	.
6	90 L.F.	Plain Steel Culvert Pipe 0.064" Th. - 18" Diameter	At . . Per Linear Foot	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
----------	---------------	------------------	---------------------------------	------------------------------

SURFACING

7	3,800 Ton	Crushed Surfacing Base Course	At Per Ton	. .
8	2,800 Ton	Crushed Surfacing Top Course	At Per Ton	. .

OTHER ITEMS

9	1 Lump Sum	SPCC Plan	At Per Lump Sum	. .
10	1 Lump Sum	Trimming and Cleanup	At Per Lump Sum	. .
11	2 Acre	Seeding, Fertilizing and Mulching, With Roadside Mix	At Acre	. .
12	-\$1.00 Est.	Minor Change	At Est.	-\$1.00 .

Project Total	.
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INFORMATIONAL COPY ONLY - NOT FOR BIDDING

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 have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-421-9071

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.

Revised 6/14

From DOT Form 272-036I EF
07/2011

Certification of Compliance with Wage Payment Statutes

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (7/25/2017), the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

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

Bidder's Business Name

Signature of Authorized Official*

Printed Name

Title

Date

City

State

Check One:

Sole Proprietorship Partnership Joint Venture Corporation

State of Incorporation: _____ if not a corporation, State where business entity was formed:

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

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

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: _____, 2018

RE: **BASELINE.5-SE ROAD RECONSTRUCTION PROJECT, CRP 18-02**

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 reconstruction of 1.00 miles of two lane county road in Grant County, WA, and includes roadway excavation, embankment compaction, crushed surfacing base course, crushed surfacing top course, seeding and fertilizing, 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) _____
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

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 **BASELINE.5-SE ROAD RECONSTRUCTION PROJECT, CRP 18-02**, located in Grant County, Washington, as proposed in a bid opened **1:30 P.M., Tuesday, May 14, 2019** 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 _____, 2018

Signature

Print Name

Firm Name

Address

City State Zip

() _____
Phone

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

____ day of _____, 2018

Deputy Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
OF GRANT COUNTY, WASHINGTON

this ____ day of _____, 2018

Chair

Member

Member

INFORMATIONAL COPY ONLY - NOT FOR BIDDING

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 _____, 2018.

The conditions of the above obligation are such that:

WHEREAS, on **May 14, 2019**, 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 **BASELINE.5-SE ROAD RECONSTRUCTION PROJECT, CRP 18-02**, 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

_____, 2018

Deputy Prosecuting Attorney

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INFORMATIONAL COPY ONLY - NOT FOR BIDDING

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.

INFORMATIONAL COPY ONLY - NOT FOR BIDDING

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: 4/23/2019

County	Trade	Job Classification	Wage	Holiday	Overtime	Note
Grant	<u>Flaggers</u>	Journey Level	\$37.19	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Air And Hydraulic Track Drill	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Raker	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Roller, Walking	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brick Pavers	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Hog Feeder	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Machine	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Caisson Worker, Free Air	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Carpenter Tender	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Finisher Tender	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Handler	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Chain Saw Operator & Faller	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Clean-up Laborer	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Compaction Equipment	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Crewman	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Saw, Walking	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Signalman	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Stack	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Confined Space Attendant	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Crusher Feeder	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition Torch	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dope Pot Fireman, Non-mechanical	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Driller Helper (when Required To Move & Position Machine)	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Drills With Dual Masts	\$40.11	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dry Stack Walls	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dumpman	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Erosion Control Laborer	\$39.29	<u>7B</u>	<u>1M</u>	

Grant	<u>Laborers</u>	Final Detail Cleanup (i.e., Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup)	\$37.19	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Firewatch	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Form Cleaning Machine Feeder, Stacker	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Form Setter, Paving	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	General Laborer	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Grade Checker	\$41.82	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Grout Machine Header Tender	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Guard Rail	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Gunite	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hazardous Waste Worker (level A)	\$40.11	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hazardous Waste Worker (level B)	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hazardous Waste Worker (level C)	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hazardous Waste Worker (level D)	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Hdpe Or Similar Liner Installer	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	High Scaler	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Jackhammer Operator Miner, Class "b"	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Laser Beam Operator	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "a"	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "c"	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Miner, Class "d"	\$40.11	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Monitor Operator, Air Track Or Similar Mounting	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Mortar Mixer	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nipper	\$39.29	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nozzleman	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pavement Breaker, 90 Lbs. & Over	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pavement Breaker, Under 90 Lbs.	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipelayer	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipelayer, Corrugated Metal Culvert And Multi-plate	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pipewrapper	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Plasterer Tenders	\$39.83	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Pot Tender	\$39.56	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Powderman	\$41.48	<u>7B</u>	<u>1M</u>
Grant	<u>Laborers</u>	Powderman Helper	\$39.56	<u>7B</u>	<u>1M</u>

Grant	<u>Laborers</u>	Power Buggy Operator	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Power Tool Operator, Gas, Electric, Pneumatic	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Railroad Equipment, Power Driven, Except Dual Mobile	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Railroad Power Spiker Or Puller, Dual Mobile	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Remote Equipment Operator	\$40.11	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Remote Equipment Operator (i.e. Compaction And Demolition)	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Rigger/signal Person	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Riprap Person	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Rodder & Spreader	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Sandblast Tailhoseman	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Scaffold Erector, Wood Or Steel	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Stake Jumper	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Structural Mover	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tailhoseman (water Nozzle)	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Timber Bucker & Faller (by Hand)	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Track Laborer (rr)	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Traffic Control Laborer	\$37.19	<u>7B</u>	<u>1M</u>	<u>8T</u>
Grant	<u>Laborers</u>	Traffic Control Supervisor	\$38.19	<u>7B</u>	<u>1M</u>	<u>8S</u>
Grant	<u>Laborers</u>	Trencher, Shawnee	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Trenchless Technology Technician	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Truck Loader	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tugger Operator	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Vibrators, All	\$39.83	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wagon Drills	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Water Pipe Liner	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Welder, Electric, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$40.11	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Well-point Person	\$39.29	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wheelbarrow, Power Driven	\$39.56	<u>7B</u>	<u>1M</u>	
Grant	<u>Power Equipment Operators</u>	A-frame Truck (2 Or More Drums)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	A-frame Truck (single Drum)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Asphalt Plant Operator	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Refrigeration Plant (under 1000 Ton)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Automatic Subgrader (ditches & Trimmers)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backfillers (cleveland & Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw & Under)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw To 110,000 Gw)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (over 110,000 Gw)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3 Yds & Over)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bagley Or Stationary Scraper	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant (over 4 Units)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Finishing Machine	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Loader (kocal Or Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt-crete Conveyors With Power Pack Or Similar	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bending Machine	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bit Grinders	\$43.46	<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	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blade Operator (motor Patrol & Attachments)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blower Operator (cement)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boat Operator	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bob Cat (skid Steer)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bolt Threading Machine	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boom Cats (side)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boring Machine (earth)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bump Cutter (wayne, Saginaw Or Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cableway Controller (dispatcher)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cableway Operators	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Canal Lining Machine (concrete)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Carrydeck & Boom Truck (under 25 Tons)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cement Hog	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Clamshell, Dragline	\$46.36	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compactor (self-propelled With Blade)	\$44.99	<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)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Cleaning / Decontamination Machine Operator	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pump Boon Truck	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Saw (multiple Cut)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Slip Form Paver	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crane Oiler - Driver (cdl Required) & Cable Tender, Mucking Machine	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$44.71	<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	\$44.99	<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	\$45.26	<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.	\$46.36	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crusher Feeder	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crusher, Grizzle & Screening Plant Operator	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Curb Extruder (asphalt Or Concrete)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Deck Engineer	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Deck Hand	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Derricks & Stifflegs (65 Tons & Over)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Derricks & Stifflegs (under 65 Tons)				
Grant	<u>Power Equipment Operators</u>	Distributor Leverman	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Ditch Witch Or Similar	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dope Pots (power Agitated	\$43.78	<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	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer / Tractors (d-6 & Equivalent & Over)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer, 834 R/t & Similar	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drill Doctor	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Driller Licensed	\$46.36	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drillers Helper	\$43.46	<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)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drills (churn, Core, Calyx Or Diamond)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt (holland Type)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevator Hoisting Materials	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Equipment Serviceman, Greaser & Oiler	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fireman & Heater Tender	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Generator Plant Engineers (diesel Or Electric)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gin Trucks (pipeline)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Grade Checker	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gunite Combination Mixer & Compressor	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Mechanic	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Welder	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Heavy Equipment Robotics Operator	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Helicopter Pilot	\$46.36	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Helper, Mechanic Or Welder, H.D	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoe Ram	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist (2 Or More Drums Or Tower Hoist)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist, Single Drum	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Hydraulic Platform Trailers (goldhofer, Shaurely And Similar)				
Grant	<u>Power Equipment Operators</u>	Hydro-seeder, Mulcher, Nozzleman	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Batch Tank Operator (recycle Train)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Brain Operator (recycle Train)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$45.26	<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.)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (bucket Elevators And Conveyors)	\$43.78	<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.)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead & Front- end, Under 4 Yds.. R/t)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead And Front- end, 10 Yds. & Over)	\$46.36	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Locomotive Engineer	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Longitudinal Float	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Master Environmental Maintenance Technician	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixer (portable - Concrete)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixermobile	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mobile Crusher Operator (recycle Train)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mucking Machine	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Multiple Dozer Units With Single Blade	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pavement Breaker, Hydra- hammer & Similar	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving (dual Drum)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving Machine (asphalt And Concrete)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Piledriving Engineers	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Plant Oiler	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Posthole Auger Or Punch	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Power Broom	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pump (grout Or Jet)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pumpman	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Quad-track Or Similar Equipment	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Ballast Regulation Operator (self-propelled)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Power Tamper Operator (self-propelled)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Railroad Tamper Jack Operator (self-propelled)				
Grant	<u>Power Equipment Operators</u>	Railroad Track Liner Operator (self-propelled)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (1000 Tons & Over)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (under 1000 Ton)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rollerman (finishing Asphalt Pavement)	\$44.99	<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	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Roto Mill (pavement Grinder)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rotomill Groundsman	\$44.55	<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)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Scrapers, All, Rubber-tired	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Screed Operator	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (3 Yds. & Over)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (under 3 Yds.)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$44.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Soil Stabilizer (p & H Or Similar)	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spray Curing Machine (concrete)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Box (self-propelled)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Machine	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Steam Cleaner	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Straddle Buggy (ross & Similar On Construction Job Only)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Surface Heater & Planer Machine	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Traverse Finish Machine	\$44.39	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Trenching Machines (7 Ft. Depth & Over)	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Trenching Machines (under 7 Ft. Depth Capacity)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tug Boat Operator	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tugger Operator	\$43.78	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Turnhead (with Re-screening)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Turnhead Operator	\$44.39	<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)	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vactor Guzzler, Super Sucker	\$44.99	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Blasting Machine Operator	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Drill (reverse Circulation Drill Under 8" Bit)	\$44.55	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Welding Machine	\$43.46	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Whirleys & Hammerheads, All	\$45.26	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Truck Drivers</u>	Asphalt Mix Over 20 Yards	\$44.69	<u>5D</u>	<u>1V</u>	<u>8M</u>
Grant	<u>Truck Drivers</u>	Asphalt Mix To 20 Yards	\$44.52	<u>5D</u>	<u>1V</u>	<u>8M</u>
Grant	<u>Truck Drivers</u>	Dump Truck	\$44.52	<u>5D</u>	<u>1V</u>	<u>8M</u>
Grant	<u>Truck Drivers</u>	Dump Truck & Trailer	\$44.69	<u>5D</u>	<u>1V</u>	<u>8M</u>
Grant	<u>Truck Drivers</u>	Other Trucks	\$44.41	<u>5D</u>	<u>1V</u>	<u>8M</u>

Benefit Code Key – Effective 3/3/2019 thru 8/30/2019

Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
 - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
 - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
 - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
 - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

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

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
 - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
 - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
 - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
 - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
 - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
 - C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Overtime Codes Continued

3. E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

Overtime Codes Continued

4. D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

- E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

Benefit Code Key – Effective 3/3/2019 thru 8/30/2019

4. L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- M. All hours worked on Sunday and Holidays shall be paid at double the hourly rate. Any employee reporting to work less than nine (9) hours from their previous quitting time shall be paid for such time at time and one-half times the hourly rate.
- N. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays, and all work performed between the hours of midnight (12:00 AM) and eight AM (8:00 AM) every day shall be paid at double the hourly rate of wage.
- O. All hours worked between midnight Friday to midnight Sunday shall be paid at one and one-half the hourly rate of wage. After an employee has worked in excess of eight (8) continuous hours in any one or more calendar days, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of six (6) hours or more. All hours worked on Holidays shall be paid at double the hourly rate of wage.
- P. All hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage.
- Q. The first four (4) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday shall be paid at double the hourly rate. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. All hours worked on Saturdays and Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- T. The first two (2) hours of overtime for hours worked Monday-Friday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. For work on Saturday which is scheduled prior to the end of shift on Friday, the first six (6) hours work shall be paid at one and one-half times the hourly rate of wage, and all hours over (6) shall be paid double the hourly rate of wage. For work on Saturday which was assigned following the close of shift on Friday, all work shall be paid at double the hourly rate of wage.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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).

Holiday Codes Continued

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

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Day On Christmas Eve Day. (9 1/2).

Holiday Codes Continued

6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
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.

Holiday Codes Continued

7. H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.

Holiday Codes Continued

7. T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
15. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8) Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- B. Holidays: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. (9)
- C. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8)
- D. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and the day after Christmas.

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Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- 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.

Note Codes Continued

8. V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.

- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.

- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.

When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

**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 vanded 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 vanded grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		X
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		X
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		X
6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		X
7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		X

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

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

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

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

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

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

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

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

See RCW 39.12.010

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

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

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

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

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

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

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

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

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

WAC 296-127-018 Agency filings affecting this section

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

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

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

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

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

(ii) At multiple points at the project; or

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

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

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

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

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

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

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

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

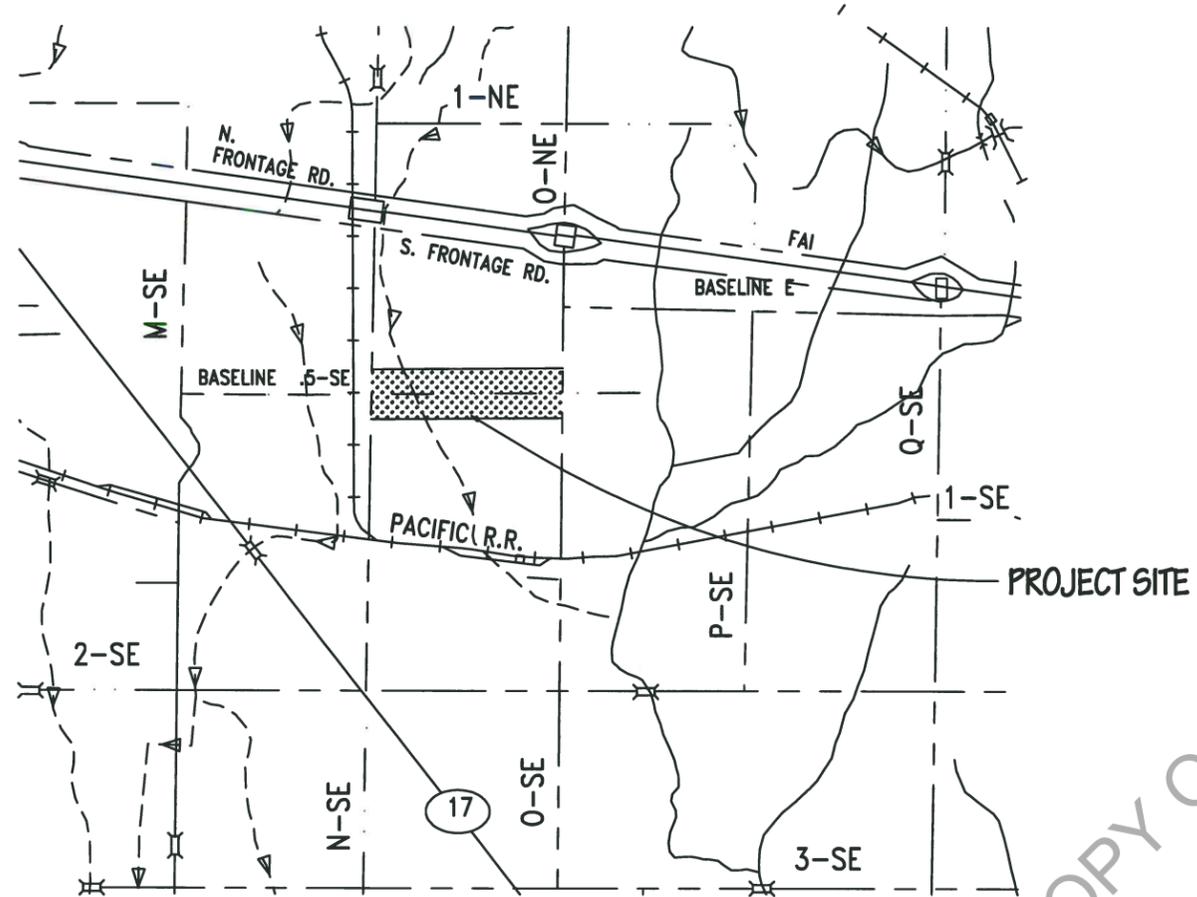
(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

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

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

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

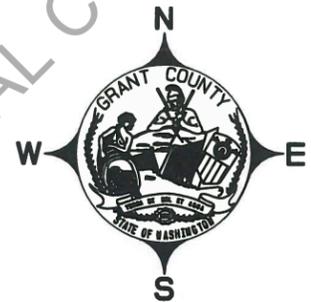
BASELINE.5-SE ROAD RECONSTRUCTION



SHEET	DESCRIPTION
1	INDEX & VICINITY MAP
2	SUMMARY OF QUANTITIES
3	STRUCTURE NOTES
4 - 7	PLAN AND PROFILE
7	TYPICAL X-SECTION
8	CONSTRUCTION SIGN PLAN

LEGEND

- POWER POLE
- CONTROL POINT
- TELEPHONE PED.
- MAILBOX
- x-x- FENCE LINE
- T- TELEPHONE LINE
- CULVERT
- E- POWER LINE
- W- WATER LINE



Grant County
Board Of Commissioners
 Richard Stevens, District No. 1
 Tom Taylor, District No. 2 (Chair)
 Cindy Carter, District No. 3

GRANT COUNTY PUBLIC WORKS DEPARTMENT
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BASELINE.5 - SE ROAD
RECONSTRUCTION

CRP 18-02

DESIGNED BY:	BOB BERSANTI
CHECKED BY:	JEFF TINCHER
APPROVED BY:	JEFF TINCHER
REVISIONS BY:	
DATE REVISED:	4/22/2019
FEDERAL AID NO.:	



DATE: 4/25/2019

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 8

SUMMARY OF QUANTITIES

CRP 18-02
 BASELINE.5-SE
 STA. 10+17
 TO
 STA. 63+24.01

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM DESCRIPTION					
PREPARATION								
1	1	L.S.	Mobilization	1				
2	1	L.S.	Clearing & Grubbing	1				
GRADING								
3	1,746	C.Y.	Roadway Excavation Including Haul	1,746				
4	874	C.Y.	Embankment Compaction	874				
DRAINAGE								
5	130	L.F.	Plain Steel Culver Pipe 0.064" Th. - 12" Diameter	130				
6	90	L.F.	Plain Steel Culver Pipe 0.064" Th. - 18" Diameter	90				
SURFACING								
7	3,800	TON	Crushed Surfacing Base Course	3,800				
8	2,800	TON	Crushed Surfacing Top Course	2,800				
OTHER ITEMS								
9	1	L.S.	Spill Prevention, Control, and Countermeasure (SPCC) Plan	1				
10	1	L.S.	Trimming and Cleanup	1				
11	2	ACRE	Seeding, Fertilizing and Mulching with Roadside Mix	2				
12	-1.00	Dol.	Minor Change	-1.00				

NOTE: For Special Features See Special Provisions.

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STRUCTURE NOTES

NOTE: THE FIRST NUMBER OF THE "CODE" REFERS TO THE PLAN SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	LOCATION	R/L	ELEV.	MISC.	Fl. St. Culvert Pipe 12" Dia. 0.064" Th.	Fl. St. Culvert Pipe 18" Dia. 0.064" Th.	Crushed Maintenance Rock							Monument	REMARKS
					L.F.	L.F.									
4-1	STA. 11+70 TO 11+90	L	PLAN	F			2								EACH 4
4-2	STA. 12+60 TO 12+80	L	PLAN	F			2								4
4-3	STA. 13+40 TO 13+60	R	PLAN	F			2								4
4-4	STA. 13+80 TO 14+00	L	PLAN	F			2								4
4-5	STA. 18+60 TO 18+80	L	PLAN	F	30		2								4
4-6	STA. 19+90 TO 20+20	L	PLAN	F	40		3								4
4-7	STA. 13+40 TO 13+60	R	PLAN	F		30	2								4
4-8	STA. 24+10 TO 24+30	L	PLAN	O&M			2								4
5-1	STA. 25+40 TO 25+60	R	PLAN	O&M			2								4
5-2	STA. 25+805 TO 26+00	L	PLAN	O&M			2								4
5-3	STA. 26+10 TO 26+30	R	PLAN	O&M			2								4
5-4	STA. 30+30 TO 30+60	R	PLAN	F			2								4
5-5	STA. 33+40 TO 33+60	L	PLAN	F	30		2								4
5-6	STA. 36+05 TO 36+45	L	PLAN	F			2								4
5-7	STA. 38+10 TO 38+30	L	PLAN	F			2								4
6-1	STA. 42+90 TO 43+10	L	PLAN	O&M			2								4
6-2	STA. 44+20 TO 44+40	R	PLAN	F			2								4
6-3	STA. 44+30 TO 44+50	L	PLAN	F			2								4
6-4	STA. 45+90 TO 46+20	L	PLAN	F			3								4
6-5	STA. 47+90 TO 48+10	R	PLAN	O&M			2								4
6-6	STA. 52+90 TO 53+10	L	PLAN	F			2								4
6-7	STA. 54+00 TO 54+20	R	PLAN	F			2								4
6-8	STA. 55+30 TO 55+60	R	PLAN	F			3								4
6-9	STA. 56+10 TO 56+40	L	PLAN	F			3								4
7-1	STA. 57+10 TO 57+40	R	PLAN	F			3								4
7-2	STA. 61+60 TO 61+80	L	PLAN	F	30		2								4
7-3	STA. 61+60 TO 61+80	R/L	PLAN	CROSS		60									1,2,3

GENERAL NOTES

- Miscellaneous
- MON = Monument
 - CROSS = Crossing Pipe
 - R = Residential
 - F = Farm
 - PLAN = Elevation on Plans
 - O&M = O&M Road
 - BD = Bottom of Ditch
 - C = Commercial

1. Field adjust termini as directed by the engineer.
2. Install 3:1 beveled end sections per standard plans.
3. Remove existing culvert and salvage to the contractor.
4. Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.
5. Remove existing monument, if necessary, and case and cover and salvage to contractor.
6. Install monument and case and cover per standard plans

NOTE: For Special Features See Special Provisions.

Page Total

60 60 81

2

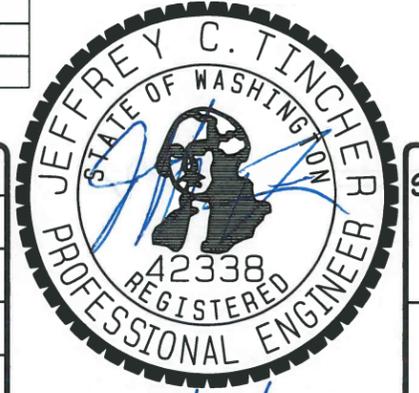
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BASELINE.5 - SE ROAD
RECONSTRUCTION

CRP 18-02

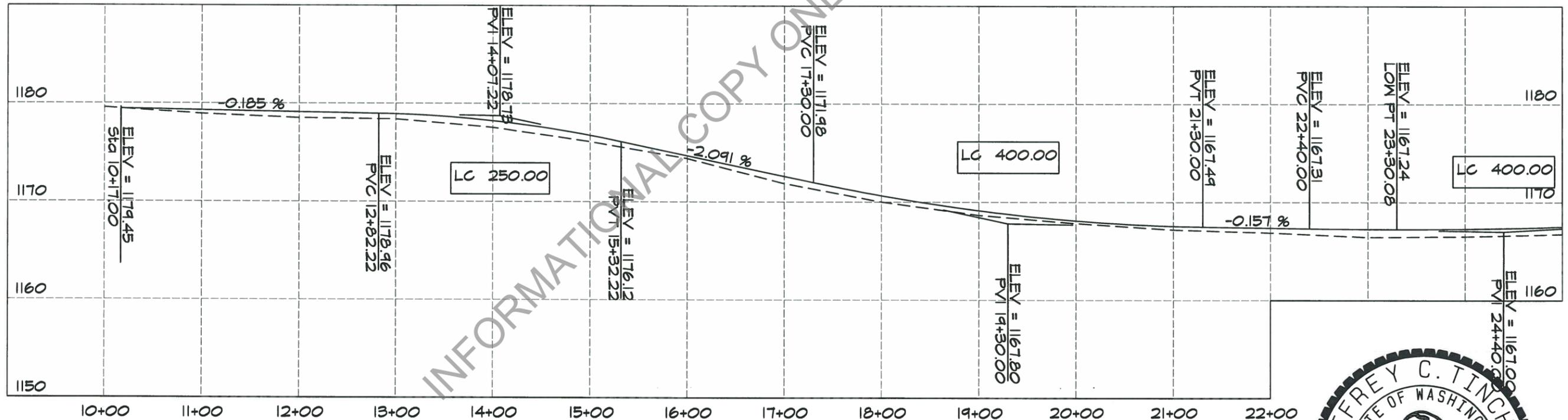
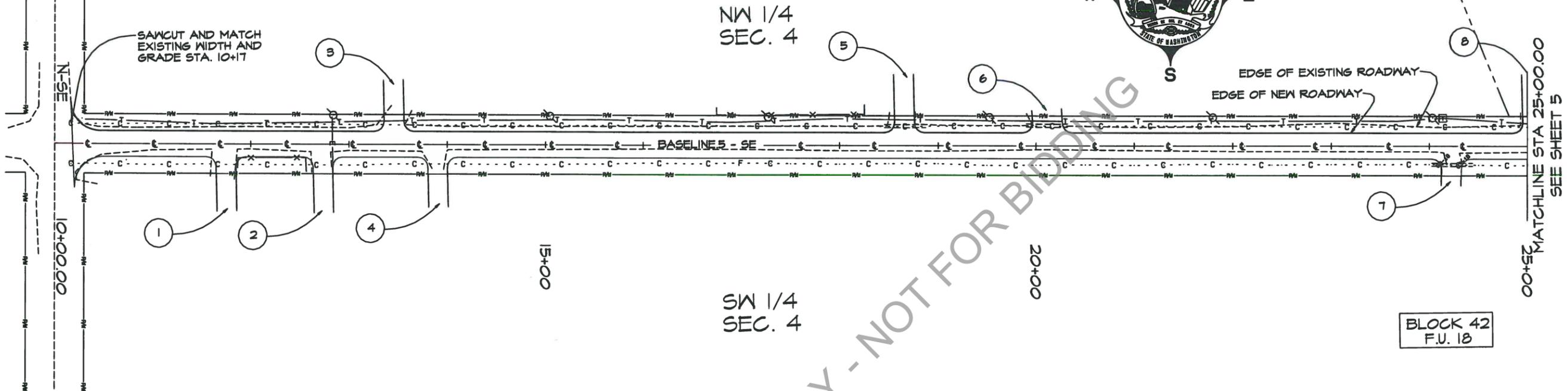
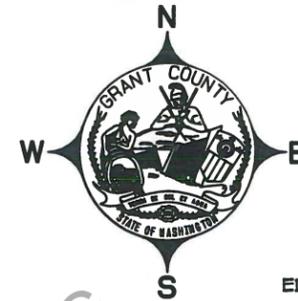
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APPROVED BY: JEFF TINCHER
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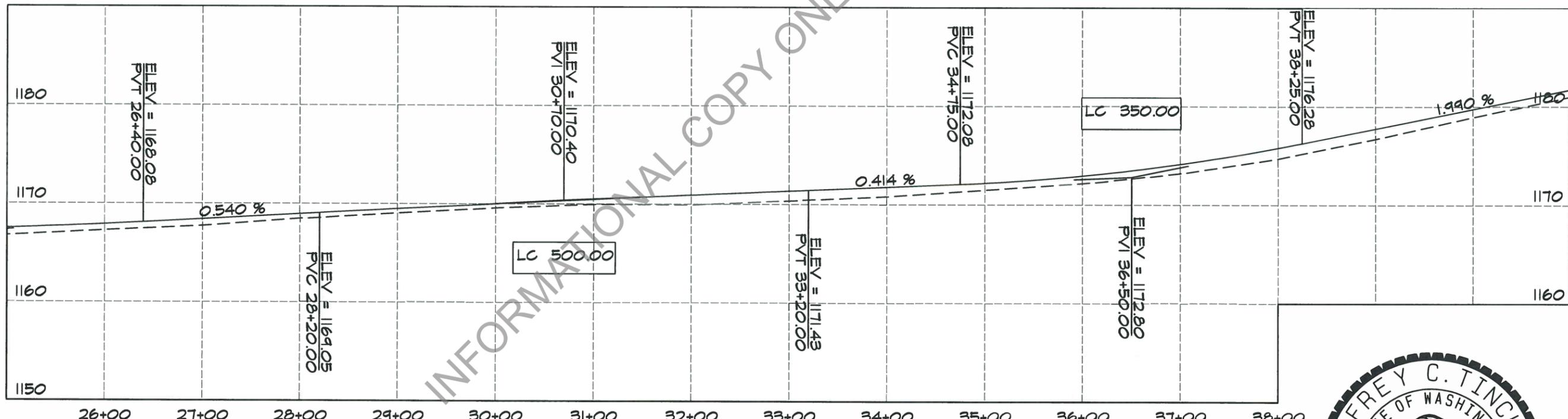
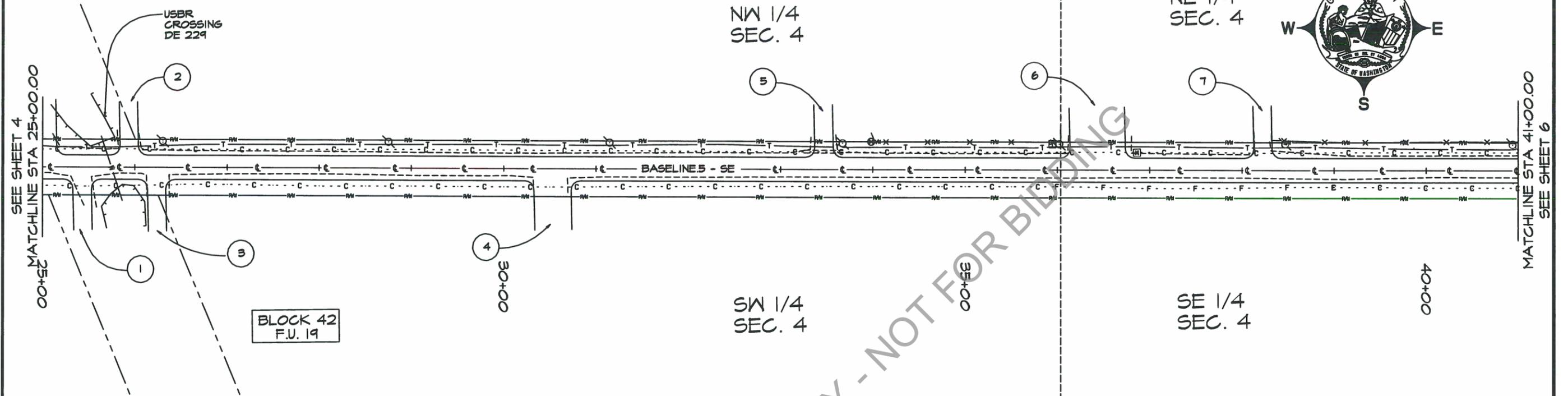
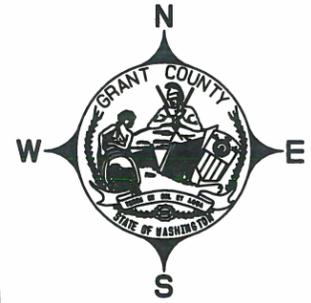
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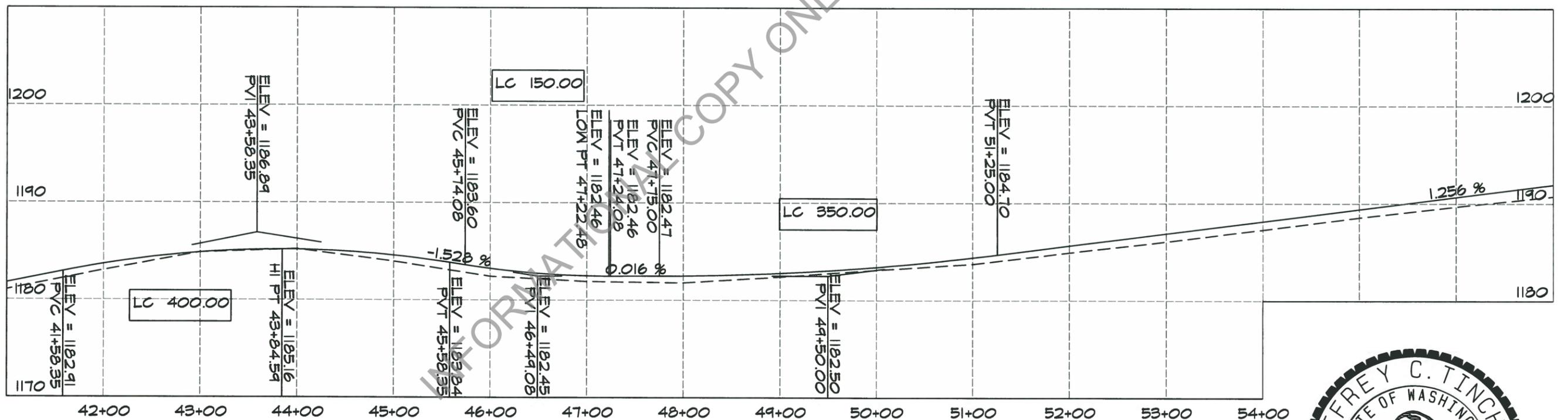
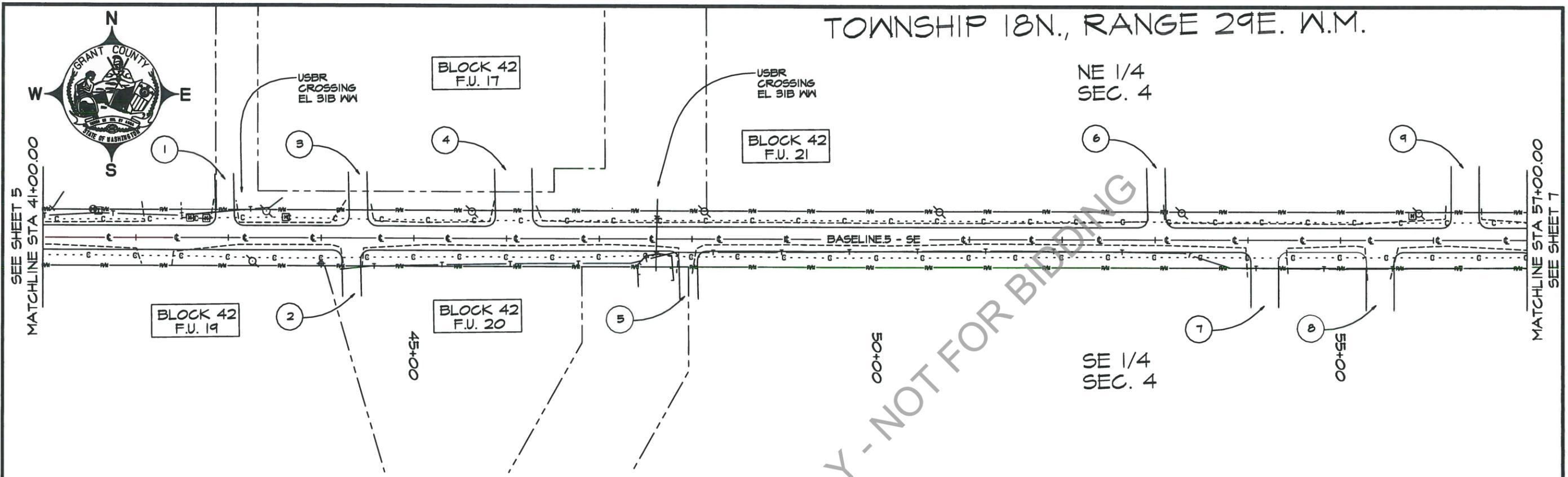
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TOWNSHIP 18N., RANGE 29E. W.M.



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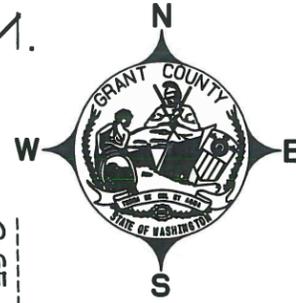
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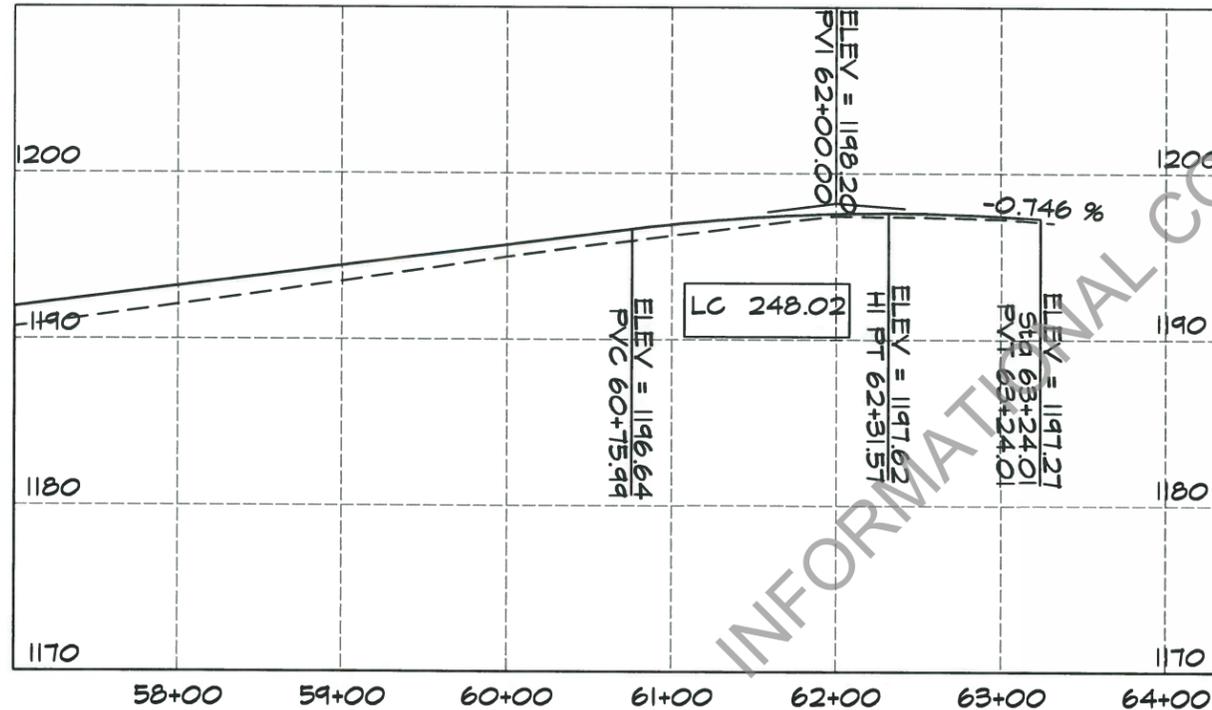
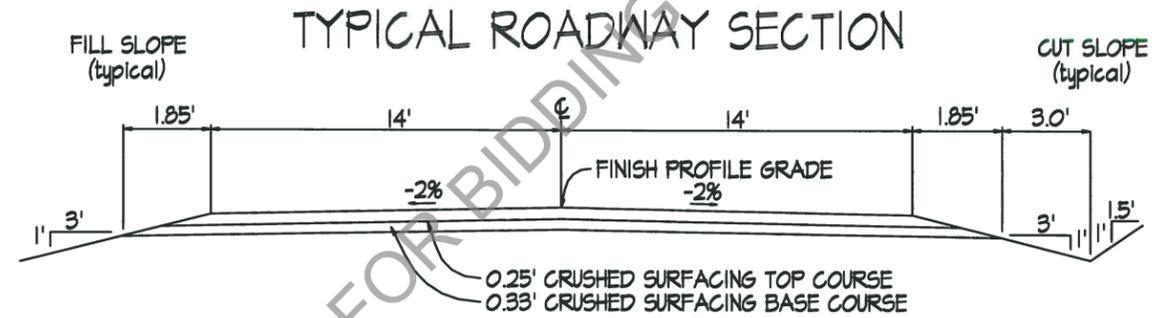
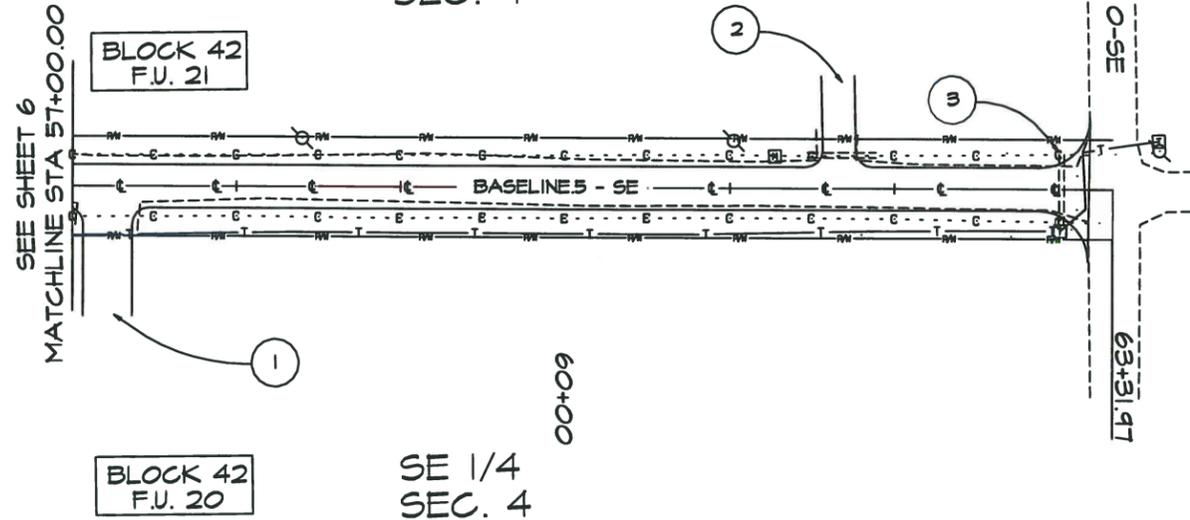
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TOWNSHIP 18N., RANGE 29E. W.M.



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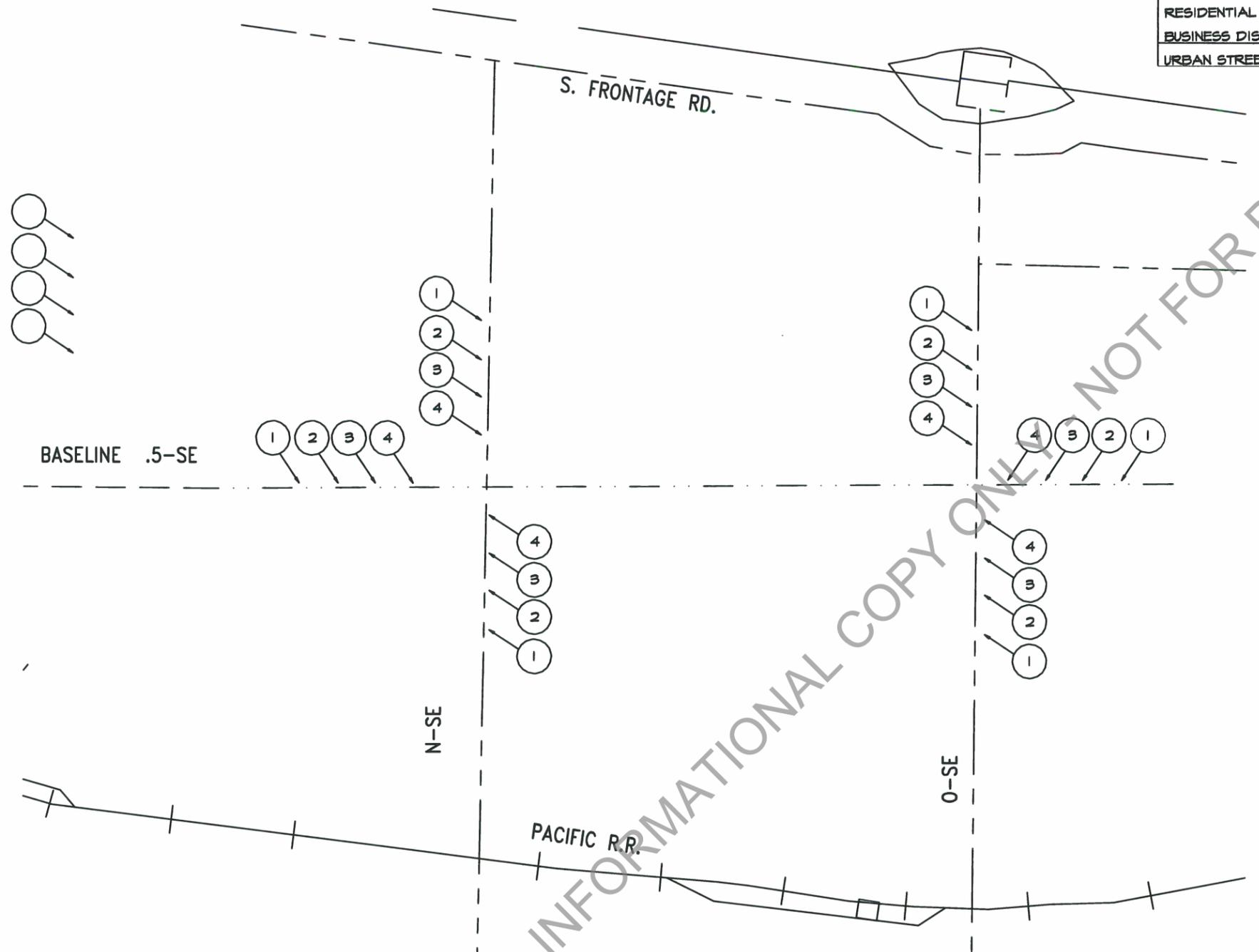
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SIGN SPACING = X (FEET)		
RURAL HIGHWAYS	60/65 MPH	800+/-
RURAL ROADS	45/55 MPH	500+/-
RURAL ROADS & URBAN ARTERIALS	30/40 MPH	350+/-
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200+/-
BUSINESS DISTRICTS		
URBAN STREETS	25 MPH/LESS	100+/-



- | | | |
|---|-----------|---|
| ① | QTY.
4 | 36" 36"
ROAD WORK AHEAD
BASELINE.5-SE
W20-1 |
| ② | 4 | 36" 36"
ROAD CLOSED AHEAD
W20-3 |
| ③ | 4 | 60"
30" BASELINE.5-SE
CLOSED TO THRU TRAFFIC
G11-1 |
| ④ | 4 | 30"
24" MOTORCYCLES
USE EXTREME CAUTION
W21-1701P |

ALL SIGNS SHALL BE BLACK AND ORANGE

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BASELINE.5 - SE ROAD RECONSTRUCTION

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SHEET 8 OF 8