

Lewis County  
Department of Public Works  
Engineering Division

**CONTRACT  
PROVISIONS AND PLANS  
FOR THE:  
SILVERBROOK ROAD  
IMPROVEMENTS PROJECT**

**COUNTY ROAD PROJECT NO. 2184  
FEMA PROJECT NO. DR-4242-2-R (HMGP)**

July 2019

Lewis County Public Works  
2025 NE Kresky Ave.  
Chehalis, WA 98532-2626



BOARD OF COUNTY COMMISSIONERS

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18		
19		
20		



1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2018 Standard  
3 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 supersede  
8 any conflicting provisions of the Standard Specifications. For informational purposes, the date following  
9 each Amendment title indicates the implementation date of the Amendment or the latest date of revision.  
10

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

14 **Section 1-02, Bid Procedures and Conditions**

15 April 2, 2018

16 **1-02.6 Preparation of Proposal**

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

- 18  
19 1. A unit price for each item (omitting digits more than two places to the right of the decimal point),  
20

21 In the third sentence of the fourth paragraph, "WSDOT Form 422-031" is revised to read "WSDOT Form  
22 422-031U".  
23

24 The following is inserted after the third sentence of the fourth paragraph:  
25

26 Bidders shall submit a UDBE Broker Agreement documenting the fees or commissions charged by  
27 the Broker for any Broker listed on the UDBE Utilization Certification in accordance with the Special  
28 Provisions. Bidders shall submit a completed UDBE Trucking Credit Form for each UDBE Trucking  
29 firm listed on the UDBE Utilization Certification in accordance with the Special Provisions. WSDOT  
30 Form 272-058 is available for this purpose.  
31

32 The following new paragraph is inserted before the last paragraph:  
33

34 The Bidder shall submit with their Bid a completed Contractor Certification Wage Law Compliance  
35 form (WSDOT Form 272-009). Failure to return this certification as part of the Bid Proposal package  
36 will make this Bid Nonresponsive and ineligible for Award. A Contractor Certification of Wage Law  
37 Compliance form is included in the Proposal Forms.  
38

39 **SECTION 1-05, CONTROL OF WORK**

40 April 2, 2018

41 **1-05.9 Equipment**

42 The following new paragraph is inserted before the first paragraph:  
43

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

4  
5 This section is supplemented with the following:

6  
7 Upon completion of the Work, the Contractor shall completely remove all loose dirt and vegetative  
8 debris from equipment before removing it from the job site.

## 10 **SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

11 April 2, 2018

### 12 **1-07.5 Environmental Regulations**

13 This section is supplemented with the following new subsections:

#### 14 **1-07.5(5) U.S. Army Corps of Engineers**

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

17  
18  
19 If a U.S. Army Corps of Engineers permit is noted in Section 1-07.6 of the Special Provisions, the  
20 Contractor shall retain a copy of the permit or the verification letter (in the case of a Nationwide  
21 Permit) on the worksite for the life of the Contract. The Contractor shall provide copies of the permit  
22 or verification letter to all subcontractors involved with the authorized work prior to their  
23 commencement of any work in waters of the U.S.

#### 24 **1-07.5(6) U.S. Fish/Wildlife Services and National Marine Fisheries Service**

25 The Contracting Agency will provide fish exclusion and handling services if the Work dictates.  
26 However, if the Contractor discovers any fish stranded by the project and a Contracting Agency  
27 biologist is not available, they shall immediately release the fish into a flowing stream or open water.  
28  
29

### 30 **1-07.5(1) General**

31 The first sentence is deleted and replaced with the following:

32  
33 No Work shall occur within areas under the jurisdiction of resource agencies unless authorized in  
34 the Contract.

35  
36 The third paragraph is deleted.

### 37 38 **1-07.5(2) State Department of Fish and Wildlife**

39 This section is revised to read:

40  
41 In doing the Work, the Contractor shall:

- 42  
43 1. Not degrade water in a way that would harm fish, wildlife, or their habitat.
- 44  
45 2. Not place materials below or remove them from the ordinary high water line except as may  
46 be specified in the Contract.

3. Not allow equipment to enter waters of the State except as specified in the Contract.
4. Revegetate in accordance with the Plans, unless the Special Provisions permit otherwise.
5. Prevent any fish-threatening silt buildup on the bed or bottom of any body of water.
6. Ensure continuous stream flow downstream of the Work area.
7. Dispose of any project debris by removal, burning, or placement above high-water flows.
8. Immediately notify the Engineer and stop all work causing impacts, if at any time, as a result of project activities, fish are observed in distress or a fish kill occurs.

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

#### **1-07.7(1) General**

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

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

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

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

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

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

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

In items 1 through 10, the revision dates are deleted.

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

In this section, “creed” is revised to read “religion”.

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

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

1. The Contractor shall maintain a Work site that is free of harassment, humiliation, fear, hostility and intimidation at all times. Behaviors that violate this requirement include but are not limited to:

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

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

This section is supplemented with the following:

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

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

The first sentence is revised to read:

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

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

Item number 1 is supplemented with the following new sentence:

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



1 **INTRODUCTION**

2  
3 The following Special Provisions are made a part of this contract and supersede any conflicting  
4 provisions of the 2018 Standard Specifications for Road, Bridge, and Municipal Construction, and the  
5 foregoing Amendments to the Standard Specifications.

6  
7 The said Standard Specifications and Amendments thereto, the WSDOT Standard Plans, and WSDOT  
8 Construction Manual, together with the Special Provisions and the attached plans hereinafter contained,  
9 covering all work specified under this contract are incorporated and hereby made a part of this contract.  
10 The Special Provisions hereinafter contained shall supersede any conflicting provisions of the Standard  
11 Specifications and Amendments thereto, the WSDOT Standard Plans, and WSDOT Construction Manual.

12  
13 Several types of Special Provisions are included in this contract; General, Region, Bridges and  
14 Structures, and Project Specific. Special Provisions types are differentiated as follows:

- 15 (date) General Special Provision
- 16 (\*\*\*\*\*) Notes a revision to a General Special Provision
- 17 and also notes a Project Specific Special Provision.
- 18 (APWA GSP) American Public Works Association General Special Provision

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

24  
25 **Project Specific Special Provisions** normally appear only in the contract for which they were  
26 developed.

27  
28 The following paragraph pertaining to the Standard Specifications shall obtain and be made a part of  
29 this contract:

30  
31 Wherever the word “State” or “Contracting Agency” is used it shall mean Lewis County; that  
32 wherever the words “Secretary (Secretary of Transportation)” are used they shall mean Lewis  
33 County Engineer; that wherever the words “State Treasurer” are used they shall mean Lewis  
34 County Treasurer; that wherever the words “State Auditor” are used they shall mean Lewis  
35 County Auditor; that wherever the words “Motor Vehicle Fund” are used they shall mean Lewis  
36 County Road Fund.

37  
38 **SPECIAL PROVISIONS**

39 **DIVISION 1**  
40 **GENERAL REQUIREMENTS**

41  
42 **1-01, DESCRIPTION OF WORK**

43 (March 13, 1995)

44  
45 This contract provides for the improvement of \*\*\* Silverbrook Road by installing a traffic detour, removing  
46 and replacing the existing culvert, installing gabion cribbing, guardrail, paving with HMA, \*\*\* and other  
47 related work, all in accordance with the attached Contract Plans, these Contract Provisions, and the  
48 Standard Specifications.

1  
2 **1-01.3 Definitions**  
3 *(January 4, 2016 APWA GSP)*

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

7  
8 **Dates**

9 ***Bid Opening Date***

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

11 ***Award Date***

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

14 ***Contract Execution Date***

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

16 ***Notice to Proceed Date***

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

18 ***Substantial Completion Date***

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

24 ***Physical Completion Date***

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

28 ***Completion Date***

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

33 ***Final Acceptance Date***

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

35  
36 Supplement this Section with the following:

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

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

46  
47 All references to "State Materials Laboratory" shall be revised to read "Contracting Agency  
48 designated location".  
49

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

3  
4 **Additive**

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

7  
8 **Alternate**

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

12  
13 **Business Day**

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

15  
16 **Contract Bond**

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

20  
21 **Contract Documents**

22 See definition for “Contract”.

23  
24 **Contract Time**

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

27  
28 **Notice of Award**

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

31  
32 **Notice to Proceed**

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

36  
37 **Traffic**

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

40  
41 **1-02, BID PROCEDURES AND CONDITIONS**

42  
43 **1-02.1 Prequalification of Bidders**

44  
45 Delete this Section and replace it with the following:

46  
47 **1-02.1 Qualifications of Bidder**  
48 *(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  
3 works project.

#### 4 **1-02.2 Plans and Specifications**

5 (\*\*\*\*\*)

6  
7  
8 The first paragraph of section 1-02.2 is revised to read:

9  
10 Copies of the plans and specifications are on file in the office of:

11  
12 Lewis County Public Works Department  
13 2025 N.E. Kresky Avenue  
14 Chehalis, Washington 98532  
15 (360) 740-2612  
16

17 The second paragraph of section 1-02.2 is revised to read:

18  
19 Prospective bidders may obtain plans and specifications from Lewis County Public  
20 Works Department in Chehalis, Washington or download from Lewis County Website at  
21 [www.lewiscountywa.gov](http://www.lewiscountywa.gov).

#### 22 **1-02.6 Preparation Of Proposal**

23  
24 (August 2, 2004)

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

#### 26 27 **1-02.12 Public Opening Of Proposal**

28 (\*\*\*\*\*)

29 Section 1-02.12 is supplemented with the following:

##### 30 31 **Date and Time of Bid Opening**

32 The Board of County Commissioners of Lewis County or designee, will open sealed proposals and  
33 publicly read them aloud on or after 11:00 a.m. on **July 23, 2019**, at the Lewis County Courthouse,  
34 Chehalis, Washington, for the Silverbrook Road Improvements Project, CRP 2184.

##### 35 36 37 **SEALED BIDS MUST BE DELIVERED BY OR BEFORE** 38 **11:00 A.M. on Tuesday, July 23, 2019**

39 (Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.  
40 **Bids submitted after 11:00 AM will not be considered for this project.**)

##### 41 42 **Delivery and Marking of Sealed Bid Proposals**

43 Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners  
44 (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **11:00**  
45 **a.m.** on the date specified for opening, and in an envelope clearly marked: **“SEALED BID FOR**  
46 **THE SILVERBROOK ROAD IMPROVEMENTS PROJECT, CRP 2184, TO BE OPENED ON OR**  
47 **AFTER 11:00 A.M. ON JULY 23, 2019”.**

#### 48 49 **1-02.13 Irregular Proposals**

1 (June 20, 2017 APWA GSP)

2  
3 Delete this section and replace it with the following:

- 4  
5 1. A Proposal will be considered irregular and will be rejected if:
- 6 a. The Bidder is not prequalified when so required;
  - 7 b. The authorized Proposal form furnished by the Contracting Agency is not used or is  
8 altered;
  - 9 c. The completed Proposal form contains any unauthorized additions, deletions, alternate  
10 Bids, or conditions;
  - 11 d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into  
12 the Contract;
  - 13 e. A price per unit cannot be determined from the Bid Proposal;
  - 14 f. The Proposal form is not properly executed;
  - 15 g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as  
16 required in Section 1-02.6;
  - 17 h. The Bidder fails to submit or properly complete an Underutilized Disadvantaged  
18 Business Enterprise Certification, if applicable, as required in Section 1-02.6;
  - 19 i. The Bidder fails to submit written confirmation from each UDBE firm listed on the  
20 Bidder's completed UDBE Utilization Certification that they are in agreement with the  
21 bidder's UDBE participation commitment, if applicable, as required in Section 1-02.6, or  
22 if the written confirmation that is submitted fails to meet the requirements of the Special  
23 Provisions;
  - 24 j. The Bidder fails to submit UDBE Good Faith Effort documentation, if applicable, as  
25 required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate  
26 that a Good Faith Effort to meet the Condition of Award was made;
  - 27 k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material  
28 terms of the Bid invitation; or
  - 29 l. More than one Proposal is submitted for the same project from a Bidder under the same  
30 or different names.
- 31  
32 2. A Proposal may be considered irregular and may be rejected if:
- 33 a. The Proposal does not include a unit price for every Bid item;
  - 34 b. Any of the unit prices are excessively unbalanced (either above or below the amount of  
35 a reasonable Bid) to the potential detriment of the Contracting Agency;
  - 36 c. Receipt of Addenda is not acknowledged;
  - 37 d. A member of a joint venture or partnership and the joint venture or partnership submit  
38 Proposals for the same project (in such an instance, both Bids may be rejected); or
  - 39 e. If Proposal form entries are not made in ink.

40  
41 **1-02.14 Disqualification of Bidders**

42 *(July 31, 2017 APWA GSP, Option B)*

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

45  
46 A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder  
47 responsibility criteria in RCW 39.04.350(1), as amended; or does not meet Supplemental Criteria  
48 1-7 listed in this Section.

49  
50 The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility  
51 criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence that the Bidder meets  
52 Supplemental Criteria 3-7 shall be provided by the Bidder as stated later in this Section.

1  
2 In addition, the Bidder shall submit to the Contracting Agency a signed “Certification of  
3 Compliance with Wage Payment Statutes” document where the Bidder under penalty of perjury  
4 verifies that the Bidder is in compliance with responsible bidder criteria in RCW 39.04.350  
5 subsection (1)(g). A form appropriate for “Certification of Compliance with Wage Payment  
6 Statutes” will be provided by the Contracting Agency in the Bid Documents. The form provided in  
7 the Bid Documents shall be submitted with the Bid as stated in Section 1-02.9.  
8

9 **1. Delinquent State Taxes**

- 10  
11 A Criterion: The Bidder shall not owe delinquent taxes to the Washington State  
12 Department of Revenue without a payment plan approved by the Department of  
13 Revenue.  
14  
15 B. Documentation: The Bidder shall not be listed on the Washington State Department of  
16 Revenue’s “Delinquent Taxpayer List” website:  
17 <http://dor.wa.gov/content/fileandpaytaxes/latefiling/dtlwest.aspx> , or if they are so listed,  
18 they must submit a written payment plan approved by the Department of Revenue, to  
19 the Contracting Agency by the deadline listed below.  
20

21 **2. Federal Debarment**

- 22  
23 A Criterion: The Bidder shall not currently be debarred or suspended by the Federal  
24 government.  
25  
26 B. Documentation: The Bidder shall not be listed as having an “active exclusion” on the  
27 U.S. government’s “System for Award Management” database ([www.sam.gov](http://www.sam.gov)).  
28

29 **3. Subcontractor Responsibility**

- 30  
31 A Criterion: The Bidder’s standard subcontract form shall include the subcontractor  
32 responsibility language required by RCW 39.06.020, and the Bidder shall have an  
33 established procedure which it utilizes to validate the responsibility of each of its  
34 subcontractors. The Bidder’s subcontract form shall also include a requirement that  
35 each of its subcontractors shall have and document a similar procedure to determine  
36 whether the sub-tier subcontractors with whom it contracts are also “responsible”  
37 subcontractors as defined by RCW 39.06.020.  
38  
39 B. Documentation: The Bidder, if and when required as detailed below, shall submit a copy  
40 of its standard subcontract form for review by the Contracting Agency, and a written  
41 description of its procedure for validating the responsibility of subcontractors with which  
42 it contracts.  
43

44 **4. Claims Against Retainage and Bonds**

- 45  
46 A Criterion: The Bidder shall not have a record of excessive claims filed against the  
47 retainage or payment bonds for public works projects in the three years prior to the bid  
48 submittal date, that demonstrate a lack of effective management by the Bidder of making  
49 timely and appropriate payments to its subcontractors, suppliers, and workers, unless  
50 there are extenuating circumstances and such circumstances are deemed acceptable to  
51 the Contracting Agency.  
52

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

- 5 • Name of project
- 6 • The owner and contact information for the owner;
- 7 • A list of claims filed against the retainage and/or payment bond for any of the
- 8 projects listed;
- 9 • A written explanation of the circumstances surrounding each claim and the ultimate
- 10 resolution of the claim.
- 11
- 12

13 **5. Public Bidding Crime**

14  
15 A. Criterion: The Bidder and/or its owners shall not have been convicted of a crime  
16 involving bidding on a public works contract in the five years prior to the bid submittal  
17 date.

18  
19 B. Documentation: The Bidder, if and when required as detailed below, shall sign a  
20 statement (on a form to be provided by the Contracting Agency) that the Bidder and/or  
21 its owners have not been convicted of a crime involving bidding on a public works  
22 contract.

23  
24 **6. Termination for Cause / Termination for Default**

25  
26 A. Criterion: The Bidder shall not have had any public works contract terminated for cause  
27 or terminated for default by a government agency in the five years prior to the bid  
28 submittal date, unless there are extenuating circumstances and such circumstances are  
29 deemed acceptable to the Contracting Agency.

30  
31 B. Documentation: The Bidder, if and when required as detailed below, shall sign a  
32 statement (on a form to be provided by the Contracting Agency) that the Bidder has not  
33 had any public works contract terminated for cause or terminated for default by a  
34 government agency in the five years prior to the bid submittal date; or if Bidder was  
35 terminated, describe the circumstances. .

36  
37 **7. Lawsuits**

38  
39 A. Criterion: The Bidder shall not have lawsuits with judgments entered against the Bidder  
40 in the five years prior to the bid submittal date that demonstrate a pattern of failing to  
41 meet the terms of contracts, unless there are extenuating circumstances and such  
42 circumstances are deemed acceptable to the Contracting Agency

43  
44 B. Documentation: The Bidder, if and when required as detailed below, shall sign a  
45 statement (on a form to be provided by the Contracting Agency) that the Bidder has not  
46 had any lawsuits with judgments entered against the Bidder in the five years prior to the  
47 bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, or  
48 shall submit a list of all lawsuits with judgments entered against the Bidder in the five  
49 years prior to the bid submittal date, along with a written explanation of the  
50 circumstances surrounding each such lawsuit. The Contracting Agency shall evaluate  
51 these explanations to determine whether the lawsuits demonstrate a pattern of failing to  
52 meet of terms of construction related contracts

1  
2 As evidence that the Bidder meets Supplemental Criteria 3-7 stated above, the apparent low  
3 Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day  
4 following the bid submittal deadline, a written statement verifying that the Bidder meets  
5 supplemental criteria 3-7 together with supporting documentation (sufficient in the sole judgment  
6 of the Contracting Agency) demonstrating compliance with Supplemental Criteria 3-7. The  
7 Contracting Agency reserves the right to request further documentation as needed from the low  
8 Bidder and documentation from other Bidders as well to assess Bidder responsibility and  
9 compliance with all bidder responsibility criteria. The Contracting Agency also reserves the right  
10 to obtain information from third-parties and independent sources of information concerning a  
11 Bidder's compliance with the mandatory and supplemental criteria, and to use that information in  
12 their evaluation. The Contracting Agency may consider mitigating factors in determining whether  
13 the Bidder complies with the requirements of the supplemental criteria.  
14

15 The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria  
16 shall include any documents or facts obtained by Contracting Agency (whether from the Bidder or  
17 third parties) including but not limited to: (i) financial, historical, or operational data from the  
18 Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the  
19 Bidder has worked, or other public agencies or private enterprises; and (iii) any additional  
20 information obtained by the Contracting Agency which is believed to be relevant to the matter.  
21

22 If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria  
23 above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in  
24 writing, with the reasons for its determination. If the Bidder disagrees with this determination, it  
25 may appeal the determination within two (2) business days of the Contracting Agency's  
26 determination by presenting its appeal and any additional information to the Contracting Agency.  
27 The Contracting Agency will consider the appeal and any additional information before issuing its  
28 final determination. If the final determination affirms that the Bidder is not responsible, the  
29 Contracting Agency will not execute a contract with any other Bidder until at least two business  
30 days after the Bidder determined to be not responsible has received the Contracting Agency's  
31 final determination.  
32

33 Request to Change Supplemental Bidder Responsibility Criteria Prior to Bid: Bidders with  
34 concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility Criteria  
35 may make or submit requests to the Contracting Agency to modify the criteria. Such requests  
36 shall be in writing, describe the nature of the concerns, and propose specific modifications to the  
37 criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5)  
38 business days prior to the bid submittal deadline and address the request to the Project Engineer  
39 or such other person designated by the Contracting Agency in the Bid Documents.  
40

#### 41 **1-02.15 Pre Award Information** 42 (August 14, 2013 APWA GSP)

43  
44 Revise this section to read:  
45

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

- 48 1. A complete statement of the origin, composition, and manufacture of any or all materials to be  
49 used,
- 50 2. Samples of these materials for quality and fitness tests,



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

## **1-03, AWARD AND EXECUTION OF CONTRACT**

### **1-03.4 Contract Bond**

*(July 23, 2015 APWA GSP)*

Delete the first paragraph and replace it with the following:

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

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

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

*(March 13, 1995)*

1 **1-05.7 Removal Of Defective And unauthorized Work**

2 (October 1, 2005 APWA GSP)

3  
4 Supplement this section with the following:

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

10  
11 If the Contractor fails to comply with a written order to remedy what the Engineer determines to be  
12 an emergency situation, the Engineer may have the defective and unauthorized work corrected  
13 immediately, have the rejected work removed and replaced, or have work the Contractor refuses to  
14 perform completed by using Contracting Agency or other forces. An emergency situation is any  
15 situation when, in the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or  
16 might cause serious risk of loss or damage to the public.

17  
18 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remedying  
19 defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid by  
20 the Contractor. Payment will be deducted by the Engineer from monies due, or to become due, the  
21 Contractor. Such direct and indirect costs shall include in particular, but without limitation,  
22 compensation for additional professional services required, and costs for repair and replacement of  
23 work of others destroyed or damaged by correction, removal, or replacement of the Contractor's  
24 unauthorized work.

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

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

33  
34 **1-05.13 Superintendents, Labor and Equipment of Contractor**

35 (August 14, 2013 APWA GSP)

36  
37 Delete the sixth and seventh paragraphs of this section.

38  
39 **1-05.15 Method of Serving Notices**

40 (March 25, 2009 APWA GSP)

41 Revise the second paragraph to read:

42  
43 All correspondence from the Contractor shall be directed to the Project Engineer. All  
44 correspondence from the Contractor constituting any notification, notice of protest, notice of dispute,  
45 or other correspondence constituting notification required to be furnished under the Contract, must  
46 be in paper format, hand delivered or sent via mail delivery service to the Project Engineer's office.  
47 Electronic copies such as e-mails or electronically delivered copies of correspondence will not  
48 constitute such notice and will not comply with the requirements of the Contract.

49  
50 **1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

1  
2 **1-07.2 State Taxes**  
3

4 Delete this section, including its sub-sections, in its entirety and replace it with the following:  
5

6 **1-07.2 State Sales Tax**

7 *(June 27, 2011 APWA GSP)*  
8

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

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

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

26 **1-07.2(1) State Sales Tax — Rule 171**  
27

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

37 **1-07.2(2) State Sales Tax — Rule 170**  
38

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

49 For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail  
50 sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to  
51 each payment to the Contractor. For this reason, the Contractor shall not include the retail sales  
52 tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following  
53 exception.  
54

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

5  
6 **1-07.2(3) Services**

7  
8 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly  
9 for professional or other services (as defined in Washington State Department of Revenue Rules  
10 138 and 244).

11  
12 **1-07.5 Environmental Regulations**

13 Section 1-07.5 is supplemented with the following:

14  
15 **(September 20, 2010)**

16 **Environmental Commitments**

17 The following Provisions summarize the requirements, in addition to those required elsewhere in the  
18 Contract, imposed upon the Contracting Agency by the various documents referenced in the **Special**  
19 **Provision Permits and Licenses**. Throughout the work, the Contractor shall comply with the  
20 following requirements:

21  
22 **(\*\*\*\*\*)**

23 **U.S. Army Corps of Engineers**

24 Section 1-07.5(2) is supplemented with the following:

25  
26 **(April 2, 2018)**

27 The following Provisions summarize the requirements, in addition to those required elsewhere in the  
28 Contract, imposed upon the Contracting Agency by the U.S. Army Corps of Engineers. Throughout  
29 the work, the Contractor shall comply with the following requirements:

30  
31 **(February 25, 2013)**

32 The Contractor shall retain a copy of the most recent U.S. Army Corps of Engineers Nationwide  
33 Permit Verification Letter, conditions, and permit drawings on the worksite for the life of the Contract  
34 (See Special Provision titled Permits and Licenses). The Contractor shall provide copies of the items  
35 above listed to all Sub-Contractors involved with the authorized work prior to their commencement  
36 of any work.

37  
38 **(February 25, 2013)**

39 Temporary structures and dewatering of areas under the jurisdiction of the U.S. Army Corps of  
40 Engineers must maintain normal downstream flows and prevent upstream and downstream flooding  
41 to the maximum extent practicable.

42  
43 **(April 2, 2018) 2**

44 All costs to comply with this special provision are incidental to the Contract and are the responsibility  
45 of the Contractor. The Contractor shall include all related costs in the associated bid prices of the  
46 Contract.

47  
48 **1-07.6 Permits and Licenses**

49 Section 1-07.6 is supplemented with the following:

50  
51 **(\*\*\*\*\*)**

1 The Contracting Agency has obtained the below-listed permit(s) for this project. A copy of permit  
2 provisions are attached as Appendix E. Copies of these permits, including a copy of the Transfer of  
3 Coverage form, when applicable, are required to be onsite at all times.

4  
5 Contact with the permitting agencies, concerning the below-listed permit(s), shall be made through  
6 the Engineer with the exception of when the Construction Stormwater General Permit coverage is  
7 transferred to the Contractor, direct communication with the Department of Ecology is allowed. The  
8 Contractor shall be responsible for obtaining Ecology's approval for any Work requiring additional  
9 approvals (e.g. Request for Chemical Treatment Form). The Contractor shall obtain additional  
10 permits as necessary. All costs to obtain and comply with additional permits shall be included in the  
11 applicable Bid items for the Work involved.

12  
13 (\*\*\*\*\*)

NAME OF DOCUMENT	PERMITTING AGENCY	PERMIT REFERENCE NO.
SEPA	LEWIS COUNTY	DNS
FILL & GRADE	LEWIS COUNTY	TBD

14  
15 **1-07.7 Load Limits**

16 Section 1-07.7 is supplemented with the following:

17  
18 (\*\*\*\*\*)

19 If the source of materials provided by the Contractor necessitates hauling over roads other than  
20 Lewis County roads, the Contractor shall, at the Contractor's expense, make all arrangements for  
21 the use of the haul routes.

22  
23 Any vehicle providing material paid for by the ton, on the project, will provide licensed tonnage for  
24 that vehicle.

25  
26 **1-07.9 Wages**

27  
28 **General**

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

30  
31 (\*\*\*\*\*)

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

34  
35 (April 2, 2007)

36 **Application of Wage Rates for the Occupation of Landscape Construction**

37 State prevailing wage rates for public works contracts are included in this contract and show a  
38 separate listing for the occupation:

39  
40 Landscape Construction, which includes several different occupation descriptions such as:  
41 Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment Operators,  
42 and Landscaping or Planting Laborers.

43  
44 In addition, federal wage rates that are included in this contract may also include occupation  
45 descriptions in Federal Occupational groups for work also specifically identified with landscaping  
46 such as:

1 Laborers with the occupation description, Landscaping or Planting, or

2  
3 Power Equipment Operators with the occupation description, Mulch Seeding Operator.

4  
5 If Federal wage rates include one or more rates specified as applicable to landscaping work,  
6 then Federal wage rates for all occupation descriptions, specific or general, must be considered  
7 and compared with corresponding State wage rates. The higher wage rate, either State or  
8 Federal, becomes the minimum wage rate for the work performed in that occupation.

9  
10 Contractors are responsible for determining the appropriate crafts necessary to perform the  
11 contract work. If a classification considered necessary for performance of the work is missing  
12 from the Federal Wage Determination applicable to the contract, the Contractor shall initiate a  
13 request for approval of a proposed wage and benefit rate. The Contractor shall prepare and  
14 submit Standard Form 1444, Request for Authorization of Additional Classification and Wage  
15 Rate available at <http://www.wdol.gov/docs/sf1444.pdf> , and submit the completed form to the  
16 Project Engineer’s office. The presence of a classification wage on the Washington State  
17 Prevailing Wage Rates For Public Works Contracts does not exempt the use of form 1444 for  
18 the purpose of determining a federal classification wage rate.

19  
20 **1-07.11 Requirements For Nondiscrimination**

21 Section 1-07.11 is supplemented with the following:

22  
23 (August 5, 2013)

24 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order  
25 11246)

- 26  
27 1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard Federal  
28 Equal Employment Opportunity Construction Contract Specifications set forth herein.  
29  
30 2. The goals and timetables for minority and female participation set by the Office of Federal  
31 Contract Compliance Programs, expressed in percentage terms for the Contractor's  
32 aggregate work force in each construction craft and in each trade on all construction work in  
33 the covered area, are as follows:

34  
35 Women - Statewide

<u>Timetable</u>	<u>Goal</u>
Until further notice	6.9%

40 Minorities - by Standard Metropolitan Statistical Area (SMSA)

41  
42 Spokane, WA:

43 SMSA Counties:

44 Spokane, WA 2.8

45 WA Spokane.

46 Non-SMSA Counties 3.0

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

1	Richland, WA	
2	SMSA Counties:	
3	Richland Kennewick, WA	5.4
4	WA Benton; WA Franklin.	
5	Non-SMSA Counties	3.6
6	WA Walla Walla.	
7		
8	Yakima, WA:	
9	SMSA Counties:	
10	Yakima, WA	9.7
11	WA Yakima.	
12	Non-SMSA Counties	7.2
13	WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	
14		
15	Seattle, WA:	
16	SMSA Counties:	
17	Seattle Everett, WA	7.2
18	WA King; WA Snohomish.	
19	Tacoma, WA	6.2
20	WA Pierce.	
21	Non-SMSA Counties	6.1
22	WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA	
23	Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA	
24	Whatcom.	
25		
26	Portland, OR:	
27	SMSA Counties:	
28	Portland, OR-WA	4.5
29	WA Clark.	
30	Non-SMSA Counties	3.8
31	WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	
32		

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

38  
39 The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-  
40 4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative  
41 action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to  
42 meet the goals. The hours of minority and female employment and training must be  
43 substantially uniform throughout the length of the contract, in each construction craft and in  
44 each trade, and the Contractor shall make a good faith effort to employ minorities and women  
45 evenly on each of its projects. The transfer of minority or female employees or trainees from  
46 Contractor to Contractor or from project to project for the sole purpose of meeting the  
47 Contractor's goal shall be a violation of the contract, the Executive Order and the regulations  
48 in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours  
49 performed.

- 50  
51 3. The Contractor shall provide written notification to the Office of Federal Contract Compliance  
52 Programs (OFCCP) within 10 working days of award of any construction subcontract in

1 excess of \$10,000 or more that are Federally funded, at any tier for construction work under  
2 the contract resulting from this solicitation. The notification shall list the name, address and  
3 telephone number of the Subcontractor; employer identification number of the Subcontractor;  
4 estimated dollar amount of the subcontract; estimated starting and completion dates of the  
5 subcontract; and the geographical area in which the contract is to be performed. The  
6 notification shall be sent to:

7  
8 U.S. Department of Labor  
9 Office of Federal Contract Compliance Programs Pacific Region  
10 Attn: Regional Director  
11 San Francisco Federal Building  
12 90 – 7<sup>th</sup> Street, Suite 18-300  
13 San Francisco, CA 94103(415) 625-7800 Phone  
14 (415) 625-7799 Fax

15  
16 Additional information may be found at the U.S. Department of Labor website:  
17 <http://www.dol.gov/ofccp/TAguides/ctaguide.htm>

- 18  
19 4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is  
20 as designated herein.

21  
22 Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive  
23 Order 11246)

- 24  
25 1. As used in these specifications:

- 26  
27 a. Covered Area means the geographical area described in the solicitation from which  
28 this contract resulted;  
29  
30 b. Director means Director, Office of Federal Contract Compliance Programs, United  
31 States Department of Labor, or any person to whom the Director delegates authority;  
32  
33 c. Employer Identification Number means the Federal Social Security number used on  
34 the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;  
35  
36 d. Minority includes:  
37  
38 (1) Black, a person having origins in any of the Black Racial Groups of Africa.  
39  
40 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican,  
41 Puerto Rican, Cuban, Central American, South American, or other Spanish  
42 origin.  
43  
44 (3) Asian or Pacific Islander, a person having origins in any of the original  
45 peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and  
46 Samoa.  
47  
48 (4) American Indian or Alaskan Native, a person having origins in any of the  
49 original peoples of North America, and who maintain cultural identification  
50 through tribal affiliation or community recognition.  
51



- 1 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work  
2 involving any construction trade, it shall physically include in each subcontract in excess of  
3 \$10,000 the provisions of these specifications and the Notice which contains the applicable  
4 goals for minority and female participation and which is set forth in the solicitations from which  
5 this contract resulted.  
6
- 7 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by  
8 the U.S. Department of Labor in the covered area either individually or through an  
9 association, its affirmative action obligations on all work in the Plan area (including goals and  
10 timetables) shall be in accordance with that Plan for those trades which have unions  
11 participating in the Plan. Contractors must be able to demonstrate their participation in and  
12 compliance with the provisions of any such Hometown Plan. Each Contractor or  
13 Subcontractor participating in an approved Plan is individually required to comply with its  
14 obligations under the EEO clause, and to make a good faith effort to achieve each goal under  
15 the Plan in each trade in which it has employees. The overall good faith performance by other  
16 Contractors or Subcontractors toward a goal in an approved Plan does not excuse any  
17 covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan  
18 goals and timetables.  
19
- 20 4. The Contractor shall implement the specific affirmative action standards provided in  
21 paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from  
22 which this contract resulted are expressed as percentages of the total hours of employment  
23 and training of minority and female utilization the Contractor should reasonably be able to  
24 achieve in each construction trade in which it has employees in the covered area. Covered  
25 construction contractors performing construction work in geographical areas where they do  
26 not have a Federal or federally assisted construction contract shall apply the minority and  
27 female goals established for the geographical area where the work is being performed. The  
28 Contractor is expected to make substantially uniform progress in meeting its goals in each  
29 craft during the period specified.  
30
- 31 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with  
32 whom the Contractor has a collective bargaining agreement, to refer either minorities or  
33 women shall excuse the Contractor's obligations under these specifications, Executive Order  
34 11246, or the regulations promulgated pursuant thereto.  
35
- 36 6. In order for the nonworking training hours of apprentices and trainees to be counted in  
37 meeting the goals, such apprentices and trainees must be employed by the Contractor during  
38 the training period, and the Contractor must have made a commitment to employ the  
39 apprentices and trainees at the completion of their training, subject to the availability of  
40 employment opportunities. Trainees must be trained pursuant to training programs approved  
41 by the U.S. Department of Labor.  
42
- 43 7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity.  
44 The evaluation of the Contractor's compliance with these specifications shall be based upon  
45 its effort to achieve maximum results from its action. The Contractor shall document these  
46 efforts fully, and shall implement affirmative action steps at least as extensive as the following:  
47
  - 48 a. Ensure and maintain a working environment free of harassment, intimidation, and  
49 coercion at all sites, and in all facilities at which the Contractor's employees are  
50 assigned to work. The Contractor, where possible, will assign two or more women to  
51 each construction project. The Contractor shall specifically ensure that all foremen,  
52 superintendents, and other on-site supervisory personnel are aware of and carry out

1 the Contractor's obligation to maintain such a working environment, with specific  
2 attention to minority or female individuals working at such sites or in such facilities.

- 3
- 4 b. Establish and maintain a current list of minority and female recruitment sources,  
5 provide written notification to minority and female recruitment sources and to  
6 community organizations when the Contractor or its unions have employment  
7 opportunities available, and maintain a record of the organizations' responses.  
8
- 9 c. Maintain a current file of the names, addresses and telephone numbers of each  
10 minority and female off-the-street applicant and minority or female referral from a  
11 union, a recruitment source or community organization and of what action was taken  
12 with respect to each such individual. If such individual was sent to the union hiring  
13 hall for referral and was not referred back to the Contractor by the union or, if  
14 referred, not employed by the Contractor, this shall be documented in the file with the  
15 reason therefor, along with whatever additional actions the Contractor may have  
16 taken.  
17
- 18 d. Provide immediate written notification to the Director when the union or unions with  
19 which the Contractor has a collective bargaining agreement has not referred to the  
20 Contractor a minority person or woman sent by the Contractor, or when the  
21 Contractor has other information that the union referral process has impeded the  
22 Contractor's efforts to meet its obligations.  
23
- 24 e. Develop on-the-job training opportunity and/or participate in training programs for the  
25 area which expressly include minorities and women, including upgrading programs  
26 and apprenticeship and trainee programs relevant to the Contractor's employment  
27 needs, especially those programs funded or approved by the U.S. Department of  
28 Labor. The Contractor shall provide notice of these programs to the sources  
29 compiled under 7b above.  
30
- 31 f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions  
32 and training programs and requesting their cooperation in assisting the Contractor in  
33 meeting its EEO obligations; by including it in any policy manual and collective  
34 bargaining agreement; by publicizing it in the company newspaper, annual report,  
35 etc.; by specific review of the policy with all management personnel and with all  
36 minority and female employees at least once a year; and by posting the company  
37 EEO policy on bulletin boards accessible to all employees at each location where  
38 construction work is performed.  
39
- 40 g. Review, at least annually, the company's EEO policy and affirmative action  
41 obligations under these specifications with all employees having any responsibility for  
42 hiring, assignment, layoff, termination or other employment decisions including  
43 specific review of these items with on-site supervisory personnel such as  
44 Superintendents, General Foremen, etc., prior to the initiation of construction work at  
45 any job site. A written record shall be made and maintained identifying the time and  
46 place of these meetings, persons attending, subject matter discussed, and  
47 disposition of the subject matter.  
48
- 49 h. Disseminate the Contractor's EEO policy externally by including it in any advertising  
50 in the news media, specifically including minority and female news media, and  
51 providing written notification to and discussing the Contractor's EEO policy with other

1 Contractors and Subcontractors with whom the Contractor does or anticipates doing  
2 business.

- 3
- 4 i. Direct its recruitment efforts, both oral and written to minority, female and community  
5 organizations, to schools with minority and female students and to minority and  
6 female recruitment and training organizations serving the Contractor's recruitment  
7 area and employment needs. Not later than one month prior to the date for the  
8 acceptance of applications for apprenticeship or other training by any recruitment  
9 source, the Contractor shall send written notification to organizations such as the  
10 above, describing the openings, screening procedures, and tests to be used in the  
11 selection process.
- 12
- 13 j. Encourage present minority and female employees to recruit other minority persons  
14 and women and where reasonable, provide after school, summer and vacation  
15 employment to minority and female youth both on the site and in other areas of a  
16 Contractor's work force.
- 17
- 18 k. Validate all tests and other selection requirements where there is an obligation to do  
19 so under 41 CFR Part 60-3.
- 20
- 21 l. Conduct, at least annually, an inventory and evaluation of all minority and female  
22 personnel for promotional opportunities and encourage these employees to seek or  
23 to prepare for, through appropriate training, etc., such opportunities.
- 24
- 25 m. Ensure that seniority practices, job classifications, work assignments and other  
26 personnel practices, do not have a discriminatory effect by continually monitoring all  
27 personnel and employment related activities to ensure that the EEO policy and the  
28 Contractor's obligations under these specifications are being carried out.
- 29
- 30 n. Ensure that all facilities and company activities are nonsegregated except that  
31 separate or single-user toilet and necessary changing facilities shall be provided to  
32 assure privacy between the sexes.
- 33
- 34 o. Document and maintain a record of all solicitations of offers for subcontracts from  
35 minority and female construction contractors and suppliers, including circulation of  
36 solicitations to minority and female contractor associations and other business  
37 associations.
- 38
- 39 p. Conduct a review, at least annually, of all supervisors' adherence to and  
40 performance under the Contractor's EEO policies and affirmative action obligations.

- 41
- 42 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling  
43 one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor  
44 association, joint contractor-union, contractor-community, or other similar group of which the  
45 Contractor is a member and participant, may be asserted as fulfilling any one or more of the  
46 obligations under 7a through 7p of this Special Provision provided that the Contractor actively  
47 participates in the group, makes every effort to assure that the group has a positive impact on  
48 the employment of minorities and women in the industry, ensure that the concrete benefits of  
49 the program are reflected in the Contractor's minority and female work-force participation,  
50 makes a good faith effort to meet its individual goals and timetables, and can provide access  
51 to documentation which demonstrate the effectiveness of actions taken on behalf of the

1 Contractor. The obligation to comply, however, is the Contractor's and failure of such a group  
2 to fulfill an obligation shall not be a defense for the Contractor's noncompliance.  
3

- 4 9. A single goal for minorities and a separate single goal for women have been established. The  
5 Contractor, however, is required to provide equal employment opportunity and to take  
6 affirmative action for all minority groups, both male and female, and all women, both minority  
7 and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a  
8 particular group is employed in substantially disparate manner (for example, even though the  
9 Contractor has achieved its goals for women generally, the Contractor may be in violation of  
10 the Executive Order if a specific minority group of women is underutilized).  
11
- 12 10. The Contractor shall not use the goals and timetables or affirmative action standards to  
13 discriminate against any person because of race, color, religion, sex, or national origin.  
14
- 15 11. The Contractor shall not enter into any subcontract with any person or firm debarred from  
16 Government contracts pursuant to Executive Order 11246.  
17
- 18 12. The Contractor shall carry out such sanctions and penalties for violation of these  
19 specifications and of the Equal Opportunity Clause, including suspensions, terminations and  
20 cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive  
21 Order 11246, as amended, and its implementing regulations by the Office of Federal Contract  
22 Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties  
23 shall be in violation of these specifications and Executive Order 11246, as amended.  
24
- 25 13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific  
26 affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of  
27 this Special Provision, so as to achieve maximum results from its efforts to ensure equal  
28 employment opportunity. If the Contractor fails to comply with the requirements of the  
29 Executive Order, the implementing regulations, or these specifications, the Director shall  
30 proceed in accordance with 41 CFR 60-4.8.  
31
- 32 14. The Contractor shall designate a responsible official to monitor all employment related activity  
33 to ensure that the company EEO policy is being carried out, to submit reports relating to the  
34 provisions hereof as may be required by the government and to keep records. Records shall  
35 at least include, for each employee, their name, address, telephone numbers, construction  
36 trade, union affiliation if any, employee identification number when assigned, social security  
37 number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of  
38 changes in status, hours worked per week in the indicated trade, rate of pay, and locations at  
39 which the work was performed. Records shall be maintained in an easily understandable and  
40 retrievable form; however, to the degree that existing records satisfy this requirement, the  
41 Contractors will not be required to maintain separate records.  
42
- 43 15. Nothing herein provided shall be construed as a limitation upon the application of other laws  
44 which establish different standards of compliance or upon the application of requirements for  
45 the hiring of local or other area residents (e.g., those under the Public Works Employment Act  
46 of 1977 and the Community Development Block Grant Program).  
47
- 48 16. Additional assistance for Federal Construction Contractors on contracts administered by  
49 Washington State Department of Transportation or by Local Agencies may be found at:  
50

51 Washington State Dept. of Transportation  
52 Office of Equal Opportunity

1 PO Box 47314  
2 310 Maple Park Ave. SE  
3 Olympia WA  
4 98504-7314  
5 Ph: 360-705-7090  
6 Fax: 360-705-6801  
7 <http://www.wsdot.wa.gov/equalopportunity/default.htm>

8  
9 **1-07.17 Utilities And Similar Facilities**

10 (April 2, 2007)

11 Section 1-07.17 is supplemented with the following:

12  
13 Locations and dimensions shown in the Plan for existing facilities are in accordance with available  
14 information obtained without uncovering, measuring, or other verification.

15  
16 The following addresses and telephone numbers of utility companies known or suspected of having  
17 facilities within the project limits are supplied for the Contractor's convenience:

18  
19 **Lewis County P.U.D. No. 1**  
20 **321 NW Pacific Avenue**  
21 **Chehalis, WA 98532**  
22 **Telephone (360) 748-9261**

23  
24 **Century Link**  
25 **711 Capitol Way south, STE 307**  
26 **Olympia, WA 98501**  
27 **Telephone No: (360) 754-5920**

28  
29  
30 The Contractor shall call the Underground locate service (800-424-5555) two to ten days prior to  
31 construction at each project site. The Contractor shall notify the Utility Owner of any utilities that are  
32 within two feet of the planned construction. The above list of Utility Owners may not be complete. As  
33 per RCW 19.122 it shall be the Contractors responsibility to contact the owners of utilities known or  
34 suspected of having services close to the project site.

35  
36 **1-07.18 Public Liability and Property Damage Insurance**

37  
38 Delete this section in its entirety, and replace it with the following:

39  
40 **1-07.18 Insurance**

41 *(January 4, 2016 APWA GSP)*

42  
43 **1-07.18(1) General Requirements**

- 44 A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-  
45 07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-:  
46 VII and licensed to do business in the State of Washington. The Contracting Agency reserves the  
47 right to approve or reject the insurance provided, based on the insurer's financial condition.
- 48  
49 B. The Contractor shall keep this insurance in force without interruption from the commencement of  
50 the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical  
51 Completion date, unless otherwise indicated below.
- 52

- 1 C. If any insurance policy is written on a claims made form, its retroactive date, and that of all  
2 subsequent renewals, shall be no later than the effective date of this Contract. The policy shall  
3 state that coverage is claims made, and state the retroactive date. Claims-made form coverage  
4 shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or  
5 earlier termination of this Contract, and the Contractor shall annually provide the Contracting  
6 Agency with proof of renewal. If renewal of the claims made form of coverage becomes  
7 unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period  
8 (“tail”) or execute another form of guarantee acceptable to the Contracting Agency to assure  
9 financial responsibility for liability for services performed.  
10
- 11 D. The Contractor’s Automobile Liability, Commercial General Liability and Excess or Umbrella Liability  
12 insurance policies shall be primary and non-contributory insurance as respects the Contracting  
13 Agency’s insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or  
14 self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor’s  
15 insurance and shall not contribute with it.  
16
- 17 E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of  
18 any policy cancellation, within two business days of their receipt of such notice.  
19
- 20 G. The Contractor shall not begin work under the Contract until the required insurance has been  
21 obtained and approved by the Contracting Agency  
22
- 23 H. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material  
24 breach of contract, upon which the Contracting Agency may, after giving five business days’ notice  
25 to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion,  
26 procure or renew such insurance and pay any and all premiums in connection therewith, with any  
27 sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of  
28 the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.  
29
- 30 I. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the  
31 Contract and no additional payment will be made.  
32

33 **1-07.18(2) Additional Insured**

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

- 37 ■ the Contracting Agency and its officers, elected officials, employees, agents, and volunteers  
38

39 The above-listed entities shall be additional insured(s) for the full available limits of liability  
40 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are  
41 greater than those required by this Contract, and irrespective of whether the Certificate of  
42 Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those  
43 maintained by the Contractor.  
44

45 For Commercial General Liability insurance coverage, the required additional insured  
46 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and  
47 CG 20 37 10 01 for completed operations.  
48

49 **1-07.18(3) Subcontractors**

50 The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that  
51 complies with all applicable requirements of the Contractor-provided insurance as set forth herein,

1 except the Contractor shall have sole responsibility for determining the limits of coverage required  
2 to be obtained by Subcontractors.

3  
4 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in 1-07.18(2)  
5 as additional insureds, and provide proof of such on the policies as required by that section as  
6 detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing  
7 operations and CG 20 37 10 01 for completed operations.

8  
9 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency  
10 evidence of insurance and copies of the additional insured endorsements of each Subcontractor of  
11 every tier as required in 1-07.18(4) Verification of Coverage.

#### 12 13 **1-07.18(4) Verification of Coverage**

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

20  
21 Verification of coverage shall include:

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

29  
30 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a  
31 full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this  
32 Project, a full and certified copy of that policy is required when the Contractor delivers the signed  
33 Contract for the work.

#### 34 35 **1-07.18(5) Coverages and Limits**

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

40  
41 All deductibles and self-insured retentions must be disclosed and are subject to approval by the  
42 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured  
43 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a  
44 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured  
45 retention shall be the responsibility of the Contractor.

#### 46 47 **1-07.18(5)A Commercial General Liability**

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

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

3  
4 The Commercial General Liability insurance shall be endorsed to provide a per project general  
5 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

6  
7 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's  
8 completed operations for at least three years following Substantial Completion of the Work.

9  
10 Such policy must provide the following minimum limits:

- 11 \$1,000,000 Each Occurrence
- 12 \$2,000,000 General Aggregate
- 13 \$2,000,000 Products & Completed Operations Aggregate
- 14 \$1,000,000 Personal & Advertising Injury each offence
- 15 \$1,000,000 Stop Gap / Employers' Liability each accident

16  
17 **1-07.18(5)B Automobile Liability**

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

21  
22 Such policy must provide the following minimum limit:

- 23 \$1,000,000 Combined single limit each accident

24  
25 **1-07.18(5)C Workers' Compensation**

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

28  
29 **1-07.23, Public Convenience and Safety**

30  
31 **1-07.23(1) Construction Under Traffic**

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

33  
34 (January 2, 2012)

35 **Work Zone Clear Zone**

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

41  
42 During nonworking hours equipment or materials shall not be within the WZCZ unless they  
43 are protected by permanent guardrail or temporary concrete barrier. The use of temporary  
44 concrete barrier shall be permitted only if the Engineer approves the installation and  
45 location.

46  
47 During actual hours of work, unless protected as described above, only materials absolutely  
48 necessary to construction shall be within the WZCZ and only construction vehicles  
49 absolutely necessary to construction shall be allowed within the WZCZ or allowed to stop  
50 or park on the shoulder of the roadway.



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

3  
4 Deviation from the above requirements shall not occur unless the Contractor has requested  
5 the deviation in writing and the Engineer has provided written approval.

6  
7 Minimum WZCZ distances are measured from the edge of traveled way and will be  
8 determined as follows:

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

9  
10 \* or 2-feet beyond the outside edge of sidewalk

11  
12 **Minimum Work Zone Clear Zone Distance**

13  
14 **1-08, PROSECUTION AND PROGRESS**

15  
16 **1-08.0 Preliminary Matters**  
17 (May 25, 2006 APWA GSP)

18 Add the following new section:

19  
20  
21 **1-08.0(1) Preconstruction Conference**  
22 (October 10, 2008 APWA GSP)

23  
24 Prior to the Contractor beginning the work, a preconstruction conference will be held between the  
25 Contractor, the Engineer and such other interested parties as may be invited. The purpose of the  
26 preconstruction conference will be:

- 27
- 28 1. To review the initial progress schedule;
  - 29 2. To establish a working understanding among the various parties associated or affected by the work;
  - 30 3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
  - 31 4. To establish normal working hours for the work;
  - 32 5. To review safety standards and traffic control; and
  - 33 6. To discuss such other related items as may be pertinent to the work.

34  
35  
36 The Contractor shall prepare and submit at the preconstruction conference the following:

- 37
- 38 1. A breakdown of all lump sum items;
  - 39 2. A preliminary schedule of working drawing submittals; and
  - 40 3. A list of material sources for approval if applicable.

1 Add the following new section:  
2

3 **1-08.0(2) Hours of Work**  
4 *(December 8, 2014 APWA GSP)*  
5

6 Except in the case of emergency or unless otherwise approved by the Engineer, the normal working  
7 hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m.  
8 Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the  
9 normal working hours stated above, the request must be submitted in writing prior to the  
10 preconstruction conference, subject to the provisions below. The working hours for the Contract  
11 shall be established at or prior to the preconstruction conference.  
12

13 All working hours and days are also subject to local permit and ordinance conditions (such as noise  
14 ordinances).  
15

16 If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a  
17 written request to the Engineer for consideration. This request shall state what hours are being  
18 requested, and why. Requests shall be submitted for review no later than 3 working days prior to the  
19 day(s) the Contractor is requesting to change the hours.  
20

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

- 23 1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency  
24 for the costs in excess of straight-time costs for Contracting Agency representatives who  
25 worked during such times. (The Engineer may require designated representatives to be  
26 present during the work. Representatives who may be deemed necessary by the Engineer  
27 include, but are not limited to: survey crews; personnel from the Contracting Agency's  
28 material testing lab; inspectors; and other Contracting Agency employees or third party  
29 consultants when, in the opinion of the Engineer, such work necessitates their presence.)
- 30 2. Considering the work performed on Saturdays, Sundays, and holidays as working days with  
31 regard to the contract time.
- 32 3. Considering multiple work shifts as multiple working days with respect to contract time even  
33 though the multiple shifts occur in a single 24-hour period.
- 34 4. If a 4-10 work schedule is requested and approved the non-working day for the week will be  
35 charged as a working day.
- 36 5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded  
37 properly on certified payroll  
38

39 **1-08.1 Subcontracting**  
40 *(February 16, 2018 APWA GSP)*  
41

42 The eighth and ninth paragraphs are revised to read:  
43

44 On all projects, the Contractor shall certify to the actual amount received from the Contracting Agency  
45 and amounts paid to all firms that were used as Subcontractors, lower tier subcontractors,  
46 manufacturers, regular dealers, or service providers on the Contract. This includes all Disadvantaged,  
47 Minority, Small, Veteran or Women's Business Enterprise firms. This Certification shall be submitted  
48 to the Engineer on a monthly basis each month between Execution of the Contract and Physical  
49 Completion of the Contract using the application available at: <https://wsdot.diversitycompliance.com>.

1 A monthly report shall be submitted for every month between Execution of the Contract and Physical  
2 Completion regardless of whether payments were made or work occurred.

3  
4 The Contractor shall comply with the requirements of RCW 39.04.250, 39.76.011, 39.76.020, and  
5 39.76.040, in particular regarding prompt payment to Subcontractors. Whenever the Contractor  
6 withholds payment to a Subcontractor for any reason including disputed amounts, the Contractor  
7 shall provide notice within 10 calendar days to the Subcontractor with a copy to the Contracting  
8 Agency identifying the reason for the withholding and a clear description of what the Subcontractor  
9 must do to have the withholding released. Retainage withheld by the Contractor prior to completion  
10 of the Subcontractors work is exempt from reporting as a payment withheld and is not included in the  
11 withheld amount. The Contracting Agency's copy of the notice to Subcontractor for deferred payments  
12 shall be submitted to the Engineer concurrently with notification to the Subcontractor.

13  
14 Section 1-08.1 is supplemented with the following:

15  
16 (October 12, 1998)

17 Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to  
18 the Engineer a certification (WSDOT Form 420-004) that a written agreement between the  
19 Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor has  
20 been executed. This certification shall also guarantee that these subcontract agreements include  
21 all the documents required by the Special Provision **Federal Agency Inspection**.

22  
23 A Subcontractor or lower tier Subcontractor will not be permitted to perform any work under the  
24 contract until the following documents have been completed and submitted to the Engineer:

- 25  
26 1. Request to Sublet Work (Form 421-012), and  
27 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid  
28 Projects (Form 420-004).

29  
30 The Contractor's records pertaining to the requirements of this Special Provision shall be open to  
31 inspection or audit by representatives of the Contracting Agency during the life of the contract and  
32 for a period of not less than three years after the date of acceptance of the contract. The Contractor  
33 shall retain these records for that period. The Contractor shall also guarantee that these records of  
34 all Subcontractors and lower tier Subcontractors shall be available and open to similar inspection or  
35 audit for the same time period.

36  
37 **1-08.1(1) Subcontract Completion and Return of Retainage Withheld**

38 Section 1-08.1(1) is revised to read:

39  
40 (June 27, 2011)

41 The following procedures shall apply to all subcontracts entered into as a part of this Contract:

42  
43 **Requirements**

- 44 1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not later  
45 than ten (10) days after receipt of payment from the Contracting Agency for work  
46 satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's interest  
47 therein.  
48  
49 2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor shall  
50 be made within 30 days after Subcontractor's Work is satisfactorily completed.

- 1           3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when all  
2 task and requirements of the Subcontract have been accomplished and including any  
3 required documentation and material testing.  
4  
5           4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may  
6 result in one or more of the following:  
7  
8           a. Withholding of payments until the Prime Contractor or Subcontractor complies  
9  
10           b. Failure to comply shall be reflected in the Prime Contractor's Performance Evaluation  
11  
12           c. Cancellation, Termination, or Suspension of the Contract, in whole or in part  
13  
14           d. Other sanctions as provided by the subcontractor or by law under applicable prompt  
15 pay statutes.  
16

### 17 **Conditions**

18 This clause does not create a contractual relationship between the Contracting Agency and any  
19 Subcontractor as stated in Section 1-08.1. Also, it is not intended to bestow upon any  
20 Subcontractor, the status of a third-party beneficiary to the Contract between the Contracting  
21 Agency and the Contractor.  
22

### 23 **Payment**

24 The Contractor will be solely responsible for any additional costs involved in paying retainage  
25 to the Subcontractors. Those costs shall be incidental to the respective Bid Items.  
26

### 27 **1-08.3(2)A Type A Progress Schedule** 28 *(March 13, 2012 APWA GSP)*

29  
30 Revise this section to read:

31  
32 The Contractor shall submit ~~\$\$\$~~ copies of a Type A Progress Schedule no later than one week  
33 before the preconstruction conference, or some other mutually agreed upon submittal time. The  
34 schedule may be a critical path method (CPM) schedule, bar chart, or other standard schedule  
35 format. Regardless of which format used, the schedule shall identify the critical path. The Engineer  
36 will evaluate the Type A Progress Schedule and approve or return the schedule for corrections  
37 within 15 calendar days of receiving the submittal.  
38

### 39 **Contractor's Weekly Activities**

40 *(\*\*\*\*\*)*

41  
42 The Contractor shall submit a weekly schedule to the Engineer. The schedule shall indicate the  
43 Contractor's proposed activities for the forthcoming week along with the hours of work. This will  
44 permit the Engineer to more effectively provide the contract engineering and inspection for the  
45 Contractor's operations.  
46

47 The written weekly activity schedule shall be submitted to the Engineer or a designated assistant  
48 before the end of the last shift on the next to the last working day of the week preceding the indicated  
49 activities, or other mutually agreeable time.  
50

1 If the Contractor proceeds with work not indicated on the weekly activity schedule, or in a sequence  
2 differing from that which has been shown on the schedule, the Engineer may require the Contractor  
3 to delay unscheduled activities until they are included on a subsequent weekly activity schedule.

4  
5 Separately, and in addition to the weekly schedule, the Contractor shall submit weekly a summary  
6 of project activities to the Engineer. The summary of activities shall include a report of the nature  
7 and progress of each of the major activities that were advanced on the project within the previous  
8 week.

9  
10 It shall be sufficiently detailed that a composite history of the project develops. The locations and  
11 approximate quantity guardrail and traffic control work shall be reported. Unusual activity, and  
12 conditions or events that may affect the course of the project shall also be reported.

#### 13 **1-08.4 Prosecution of Work**

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

#### 16 **1-08.4 Notice to Proceed and Prosecution of Work**

17  
18 *(July 23, 2015 APWA GSP)*

19  
20 Notice to Proceed will be given after the contract has been executed and the contract bond and  
21 evidence of insurance have been approved and filed by the Contracting Agency. The Contractor  
22 shall not commence with the work until the Notice to Proceed has been given by the Engineer. The  
23 Contractor shall commence construction activities on the project site within ten days of the Notice to  
24 Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the  
25 work to the physical completion date within the time specified in the contract. Voluntary shutdown  
26 or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to  
27 complete the work within the time(s) specified in the contract.

28  
29 When shown in the Plans, the first order of work shall be the installation of high visibility fencing to  
30 delineate all areas for protection or restoration, as described in the Contract. Installation of high  
31 visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and  
32 traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor  
33 shall request the Engineer to inspect the fence. No other work shall be performed on the site until  
34 the Contracting Agency has accepted the installation of high visibility fencing, as described in the  
35 Contract.

#### 36 37 **1-08.5 Time for Completion**

38  
39 *(September 12, 2016 APWA GSP, Option B)*

40  
41 Revise the third and fourth paragraphs to read:

42  
43 Contract time shall begin on the first working day following the \$\$14 \$\$ calendar day after the  
44 Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then contract  
45 time shall begin on the first working day when onsite work begins.

46  
47 Each working day shall be charged to the contract as it occurs, until the contract work is physically  
48 complete. If substantial completion has been granted and all the authorized working days have been  
49 used, charging of working days will cease. Each week the Engineer will provide the Contractor a  
50 statement that shows the number of working days: (1) charged to the contract the week before; (2)  
51 specified for the physical completion of the contract; and (3) remaining for the physical completion of  
52 the contract. The statement will also show the nonworking days and any partial or whole day the

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

9  
10 Revise the sixth paragraph to read:

11  
12 The Engineer will give the Contractor written notice of the completion date of the contract after all  
13 the Contractor's obligations under the contract have been performed by the Contractor. The  
14 following events must occur before the Completion Date can be established:

- 15 1. The physical work on the project must be complete; and
- 16 2. The Contractor must furnish all documentation required by the contract and required by law, to  
17 allow the Contracting Agency to process final acceptance of the contract. The following  
18 documents must be received by the Project Engineer prior to establishing a completion date:
  - 19 a. Certified Payrolls (per Section 1-07.9(5)).
  - 20 b. Material Acceptance Certification Documents
  - 21 c. Monthly Reports of Amounts Credited as DBE Participation, as required by the Contract  
22 Provisions.
  - 23 d. Final Contract Voucher Certification
  - 24 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all  
25 Subcontractors
  - 26 f. Property owner releases per Section 1-07.24

27  
28 (\*\*\*\*\*)

29 This project shall be physically completed within \*\*\* 25 \*\*\* working days. The first working day shall be  
30 no sooner than September 3, 2019.

### 31 **1-08.9 Liquidated Damages**

32  
33 (\*\*\*\*\*)

34  
35 Revise the fourth paragraph to read:

36  
37 When the Contract Work has progressed to Substantial Completion as defined in the Contract, the  
38 Engineer may determine that the work is Substantially Complete. The Engineer will notify the  
39 Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring  
40 after the date so established, the formula for liquidated damages shown above will not apply. For  
41 overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall  
42 be assessed on the basis of direct engineering and related costs or Environmental fines assignable  
43 to the project until the actual Physical Completion Date of all the Contract Work. The Contractor  
44 shall complete the remaining Work as promptly as possible. Upon request by the Project Engineer,  
45 the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

### 46 47 **1-09, MEASUREMENT AND PAYMENT**

1 **1-09.7 Mobilization**

2 Section 1-08.5 is supplemented with the following:

3  
4 (\*\*\*\*\*)

5 The Contracting Agency shall provide a temporary staging site during construction of the project. The  
6 temporary staging area shall be staked in the field prior to use. The Contractor shall determine the best  
7 use of this area and shall disturb less than 50% of the staging area. After construction is completed,  
8 the Contractor shall remove all debris, rock, and wood to restore the staging area to the original field  
9 condition or as directed by the Engineer. All temporarily removed fencing shall be restored to a  
10 condition equal to or better than existing. The Contractor may submit alternate staging areas (within  
11 the APE) to the Engineer for review and written approval prior to any construction activities  
12 commencing at proposed staging area locations. Alternate staging areas shall be reviewed for  
13 compliance with County, State or Federal permitting requirements.  
14

15 **1-09.9 Payments**

16 *(March 13, 2012 APWA GSP)*

17  
18 Delete the first four paragraphs and replace them with the following:

19  
20 The basis of payment will be the actual quantities of Work performed according to the Contract and  
21 as specified for payment.  
22

23 The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction  
24 Conference, to enable the Project Engineer to determine the Work performed on a monthly basis.  
25 A breakdown is not required for lump sum items that include a basis for incremental payments as  
26 part of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make  
27 a determination based on information available. The Project Engineer’s determination of the cost of  
28 work shall be final.  
29

30 Progress payments for completed work and material on hand will be based upon progress  
31 estimates prepared by the Engineer. A progress estimate cutoff date will be established at the  
32 preconstruction conference.  
33

34 The initial progress estimate will be made not later than 30 days after the Contractor commences  
35 the work, and successive progress estimates will be made every month thereafter until the  
36 Completion Date. Progress estimates made during progress of the work are tentative, and made  
37 only for the purpose of determining progress payments. The progress estimates are subject to  
38 change at any time prior to the calculation of the final payment.  
39

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

- 41 1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work  
42 completed multiplied by the unit price.  
43 2. Lump Sum Items in the Bid Form — based on the approved Contractor’s lump sum  
44 breakdown for that item, or absent such a breakdown, based on the Engineer’s determination.  
45 3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other  
46 storage area approved by the Engineer.  
47 4. Change Orders — entitlement for approved extra cost or completed extra work as determined  
48 by the Engineer.  
49

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

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

5  
6  
7 Progress payments for work performed shall not be evidence of acceptable performance or an  
8 admission by the Contracting Agency that any work has been satisfactorily completed. The  
9 determination of payments under the contract will be final in accordance with Section 1-05.1.

10  
11 **1-09.9(1) Retainage**

12 Section 1-09.9(1) is supplemented with the following:

13  
14 **Retainage of 5 percent shall be as required by RCW 60.28.011.**

15  
16 **1-09.11 Disputes and Claims**

17  
18 **1-09.11(3) Time Limitation and Jurisdiction**

19 *(July 23, 2015 APWA GSP)*

20  
21 Revise this section to read:

22  
23 For the convenience of the parties to the Contract it is mutually agreed by the parties that any  
24 claims or causes of action which the Contractor has against the Contracting Agency arising from  
25 the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-  
26 05.12) of the Contract by the Contracting Agency; and it is further agreed that any such claims or  
27 causes of action shall be brought only in the Superior Court of the county where the Contracting  
28 Agency headquarters is located, provided that where an action is asserted against a county, RCW  
29 36.01.05 shall control venue and jurisdiction. The parties understand and agree that the  
30 Contractor's failure to bring suit within the time period provided, shall be a complete bar to any such  
31 claims or causes of action. It is further mutually agreed by the parties that when any claims or  
32 causes of action which the Contractor asserts against the Contracting Agency arising from the  
33 Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the  
34 Contracting Agency to have timely access to any records deemed necessary by the Contracting  
35 Agency to assist in evaluating the claims or action.

36  
37 **1-09.13 Claims Resolution**

38  
39 **1-09.13(3) Claims \$250,000 or Less**

40 *(October 1, 2005 APWA GSP)*

41  
42 Delete this Section and replace it with the following:

43  
44 The Contractor and the Contracting Agency mutually agree that those claims that total \$250,000 or  
45 less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR  
46 processes, shall be resolved through litigation unless the parties mutually agree in writing to resolve  
47 the claim through binding arbitration.



1 **1-09.13(3)A Administration of Arbitration**  
2 *(July 23, 2015 APWA GSP)*

3  
4 Revise the third paragraph to read:

5  
6 The Contracting Agency and the Contractor mutually agree to be bound by the decision of the  
7 arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior  
8 Court of the county in which the Contracting Agency's headquarters is located, provided that where  
9 claims subject to arbitration are asserted against a county, RCW 36.01.05 shall control venue and  
10 jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the  
11 decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

12  
13 **1-09.13(4) Claims in Excess of \$250,000**

14  
15 Section 1-09.13(4) is hereby deleted and replaced with the following:

16 **CLAIMS RESOLUTION**  
17 **(\*\*\*\*\*)**

18  
19  
20 Any dispute arising from the contract shall be processed in accordance with Section 1-04.5 and  
21 Sections 1-09.11 through 1-09.13(1) of the Standard Specifications. The provisions of these  
22 sections must be complied with in full as a condition precedent to the Contractor's right to seek  
23 claims resolution through arbitration or litigation. The Contractor may file with the Engineer a  
24 request for binding arbitration; the Engineer's decision regarding that request shall be final and  
25 unappealable. Nothing in this paragraph affects or tolls the limitations period as set forth in  
26 Section 1-09.11(3) of the Standard Specifications. However, if the Contractor files a lawsuit raising  
27 any claim(s) arising from the contract, the parties shall, if the Engineer so directs, submit such  
28 claim(s) to binding arbitration, subject to the rights of any party thereto to file with the Lewis County  
29 Superior Court motions to dismiss or for summary judgment at any time. In any binding arbitration  
30 proceeding, the provisions of subparagraphs (a) and (b) shall apply.

- 31  
32 a) Unless the parties otherwise agree, all disputes subject to arbitration shall be heard in  
33 a single arbitration hearing, and then only after completion of the contract. The parties  
34 shall be bound by Ch. 7.04 RCW generally, and by the arbitration rules hereafter  
35 stated, and shall, for purposes of administration of the arbitration, comply where  
36 applicable with the 1994 Lewis County Superior Court Mandatory Arbitration Rules  
37 (LMAR) sections 1.1(b), 1.3, 2.3, 3.1, 3.2(a) and (b), 5.1, 5.2 (except as referenced to  
38 MAR 5.2), 5.3, 6.1, 6.2 (including the referenced MAR 6.2), and 8.6. There shall be  
39 one arbitrator, to be chosen by mutual agreement of the parties from the list provided  
40 by the Lewis County Superior Court Administrator. If the parties cannot agree on a  
41 person to serve as arbitrator, the matter shall be submitted for appointment of an  
42 arbitrator under LMAR 2.3. The arbitrator shall determine the scope and extent of  
43 discovery, except that the Contractor shall provide and update the information required  
44 by Section 1-09.11(2) of the Standard Specifications. Additionally, each party shall file  
45 a statement of proof with the other party and the arbitrator at least 20 calendar days  
46 before the scheduled arbitration hearing. The statement of proof shall include:

- 47  
48 1. The name, business address and contact telephone number of each  
49 witness who will testify at the hearing.  
50  
51 2. For each witness to be offered as an expert, a statement of the subject  
52 matter and a statement of the facts, resource materials (not protected by

1 privilege) and learned treatises upon which the expert is expected to  
2 testify and render an opinion(s), synopsis of the basis for such opinion(s),  
3 and a resume of the expert detailing his/her qualifications as an expert  
4 and pursuant to rendering such opinion(s). A list of documents and other  
5 exhibits the party intends to offer in evidence at the arbitration hearing.  
6 Either party may request a copy of any document listed, and a copy or  
7 description of any other exhibit listed. The party receiving the request  
8 shall provide the copies or description within five (5) calendar days. The  
9 parties or arbitrator may subpoena parties in accordance with the  
10 Superior Court Mandatory Arbitration Rules (MAR) of Washington, Rule  
11 4.3, and witness fees and costs shall be provided for under Rule 6.4,  
12 thereof. The arbitrator may permit a party to call a witness or offer a  
13 document or other exhibit not included in the statement of proof only upon  
14 a showing of good cause.

- 15  
16 b) The arbitration hearing shall be conducted at a location within Lewis County,  
17 Washington. The extent of application of the Washington Rules of Evidence shall be  
18 determined in the exercise of sound discretion of the arbitrator, except that such Rules  
19 should be liberally construed in order to promote justice. The parties should stipulate  
20 to the admission of evidence when there is no genuine issue as to its relevance or  
21 authenticity. The decision of the arbitrator and the specific grounds for the decision  
22 shall be in writing. The arbitrator shall use the contract as a basis for its decisions.  
23 The County and the Contractor agree to be bound by the decision of the arbitrator,  
24 subject to such remedies as are provided in Ch. 7.04 RCW. Judgment upon the award  
25 rendered by the arbitrator shall be entered as judgment before the presiding judge of  
26 the Superior Court for Lewis County. Each party shall bear its own costs in connection  
27 with the arbitration. Each party shall pay one-half of the arbitrator's fees and expenses.  
28

## 29 **1-10, TEMPORARY TRAFFIC CONTROL**

### 30 31 **1-10.2 Traffic Control Management**

#### 32 33 **1-10.2(1) General** 34 (December 1, 2008)

35  
36 Section 1-10.2(1) is supplemented with the following:

37  
38 (January 3, 2017)

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

41  
42 The Northwest Laborers-Employers Training Trust  
43 27055 Ohio Ave.  
44 Kingston, WA 98346  
45 (360) 297-3035

46  
47 Evergreen Safety Council  
48 12545 135<sup>th</sup> Ave. NE  
49 Kirkland, WA 98034-8709  
50 1-800-521-0778  
51

1 The American Traffic Safety Services Association  
2 15 Riverside Parkway, Suite 100  
3 Fredericksburg, Virginia 22406-1022  
4 Training Dept. Toll Free (877) 642-4637  
5 Phone: (540) 368-1701  
6

7 **1-10.2(2) Traffic Control Plans**

8 (\*\*\*\*\*)

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

10  
11 The Contracting Agency has attached a Traffic Control Plan in Appendix F for traffic detour / control  
12 on this project. All signs and traffic control devices required for this project (as shown on the Traffic  
13 Control Plan) shall be the Contractors responsibility to furnish, erect, maintain, and remove  
14 immediately after construction. The Contractor shall adopt the Traffic Control Plan in writing to the  
15 Engineer or furnish a new plan for review. The Contractor shall conduct his operations on the  
16 roadway in a manner that two-way traffic is maintained at all times (outside the closure area), unless  
17 otherwise directed by the Engineer.  
18

19 If determined by the Engineer that additional signing (not shown on the Traffic Control Plan) is  
20 needed, it shall be the Contractors responsibility to furnish, erect, and maintain these additional signs  
21 at no cost to the Contracting Agency.  
22

23 **1-10.2(3) Conformance to Established Standards**

24 (\*\*\*\*\*)

25 Section 1-10.2(3) is supplemented with the following:

26  
27 The latest revision of the WSDOT Manual M54-44 "Work Zone Traffic Control Guidelines"  
28 (WZTCG) is hereby made a part of this contract by reference as if contained fully herein.  
29

30 **1-10.4 Measurement**

31  
32 **1-10.4(1) Lump Sum Bid for Project (No Unit Items)**

33 Section 1-10.4(1) is supplemented with the following:

34  
35 (August 2, 2004)

36 The proposal contains the item "Project Temporary Traffic Control," lump sum. The provisions  
37 of Section 1-10.4(1) shall apply.  
38

39 **EXISTING SIGNS**

40 (\*\*\*\*\*)

41  
42 During the life of the contract, the Contractor shall be responsible for all existing signs damaged or  
43 removed by construction operations.  
44

45 Warning and regulatory signs may be temporarily relocated to portable sign stands for convenience of  
46 construction subject to the approval of the Engineer. The signs shall be located at or as near as practical  
47 to their original locations and shall have a minimum vertical clearance above the pavement in accordance  
48 with the Manual on Uniform Traffic Control Devices. Upon completion of construction in the area  
49 immediately surrounding the permanent sign location, the Contractor shall reinstall the sign and supports  
50 in their permanent locations.

1  
2 Signs damaged or removed shall be replaced by the Contractor at no cost to the County.

3  
4 All costs involved in removing, maintaining and resetting existing signing as specified shall be considered  
5 incidental to the project and included in the various bid items therein. No additional compensation will  
6 be allowed.

7  
8 **DIVISION 2**  
9 **EARTHWORK**  
10

11 **2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

12 **2-02.1 Description**

13 Section 2-02.1 is supplemented with the following:

14 (\*\*\*\*\*)

15 This work shall consist of removing miscellaneous items and existing culvert items listed in the Contract  
16 Plans.  
17

18 **2-02.3 Construction Requirements**

19 Section 2-02.3 is supplemented with the following:

20 (\*\*\*\*\*)

21 **Removing Miscellaneous Items**

22 The following miscellaneous items shall be removed and disposed of:

23 \*\*\* Traffic items (including paint stripe) \*\*\*

24 \*\*\* Existing culvert and headwall \*\*\*

25 \*\*\* Existing pavement \*\*\*  
26

27 **2-02.4 Measurement**

28 No specific unit of measurement will apply to the lump sum item of "Removal of Structures and  
29 Obstructions". Removal and disposal of the existing pavement, culvert and headwall shall be  
30 considered incidental to this bid item.  
31

32 **2-02.5 Payment**

33 Section 2-02.5 is supplemented with the following:

34 Payment will be made in accordance with Section 1-04.1, for the following Bid item when it is included in  
35 the Proposal:  
36

37 "Removal of Structures and Obstructions", lump sum.

38 If pavements, sidewalks, curbs, or gutters lie within an excavation area, their removal will be paid for  
39 as part of the quantity removed in Roadway Excavation Incl. Haul.  
40

41 **2-03, ROADWAY EXCAVATION AND EMBANKMENT**

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

1 **2-03.3 Construction Requirements**

2 Section 2-03.3 is supplemented with the following:

3  
4 **(\*\*\*\*\*)**

5 **Pavement Removal**

6 All existing pavement shall be removed or ground. If ground, existing pavement shall be ground  
7 small enough to pass a 3-in. sieve, exclusive of gravel or stone retained on these sieves and  
8 incorporated back into the embankment of project. All grinding, loading, hauling and embankment  
9 compaction of existing pavement shall be considered incidental to "Roadway Excavation Incl.  
10 Haul".

11  
12 **2-03.3(7) Disposal of Surplus Material**

13 Section 2-03.3(7) is supplemented with the following:

14  
15 No waste site has been provided to the Contractor for the disposal of unsuitable and excess  
16 excavation material. The Contractor shall make his own arrangement to acquire a site for the  
17 disposal of unsuitable and excess excavation material.

18  
19 The Contractor shall make his own arrangements to acquire a site and obtain all environmental  
20 permits required for the disposal of the unsuitable excavation material. The Contracting Agency  
21 must approve the waste site prior to it being utilized. Approval cannot be given until the Contracting  
22 Agency receives copies of all environmental approvals.

23  
24 All costs for acquiring a disposal site and for the loading, hauling, and disposal of unsuitable and  
25 excess excavation material shall be considered incidental to the project and be included in the unit  
26 contract prices for the various items of work therein.

27  
28 **2-03.4 Measurement**

29 Section 2-03.4 is supplemented with the following:

30  
31 **(March 13, 1995)**

32 Only one determination of the original ground elevation will be made on this project. Measurement  
33 for roadway excavation and embankment will be based on the original ground elevations recorded  
34 previous to the award of this contract. Control stakes will be set during construction to provide the  
35 Contractor with all essential information for the construction of excavation and embankments.

36  
37 Earthwork quantities will be computed, either manually or by means of electronic data processing  
38 equipment, by use of the average end area method or by the finite element analysis method utilizing  
39 digital terrain modeling techniques.

40  
41 Saw cutting shall be considered incidental to "Roadway Excavation Incl. Haul".

42  
43  
44 **DIVISION 3**  
45 **PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING**

46  
47 **3-01 PRODUCTION FROM QUARRY AND PIT SITES**

48 **3-01.4 Contractor Furnished Material Sources**

1 **3-01.4(1) Acquisition and Development**

2 (\*\*\*\*\*)

3 Section 3-01.4(1) is supplemented with the following:

4  
5 No source has been provided for any materials necessary for the construction of this project.

6  
7  
8 **DIVISION 4**  
9 **BASES**  
10

11 **4-04, BALLAST AND CRUSHED SURFACING**

12  
13 **4-04.3 Construction Requirements**

14 **4-04.3(5) Shaping and Compacting**

15 (\*\*\*\*\*)

16 Section 4-04.3(5) is supplemented with the following:

17  
18 **Shoulder Finishing**

19  
20 Shoulder finishing material shall not be placed until the abutting pavement has been completed,  
21 unless designated by the Engineer. Shoulder finishing material (Crushed Surfacing Top Course)  
22 shall be placed by a spreader box in one lift. Processing of the shoulder finishing material on the  
23 roadway shall not be permitted.

24  
25 The existing shoulder material, as well as any additional crushed surfacing material required shall  
26 be placed, watered, and compacted against the vertical edge of the pavement, including road  
27 approaches. Hand work may be required in areas of road approaches and guardrail. The Contractor  
28 shall grade the shoulder material to a uniform slope, remove all debris (sod, large rocks, etc.) and  
29 dress all berms resulting from this operation to the satisfaction of the Engineer. The material shall  
30 be graded into place and compacted by wheel rolling a minimum of two passes with a motor grader  
31 or comparable piece of equipment in areas where the shoulder is narrow. All other areas shall be  
32 compacted to the satisfaction of the Engineer. In all areas where the shoulder is wide enough, as  
33 determined by the Engineer, a steel drum vibratory compactor shall be used. For compaction, water  
34 shall be applied as determined by the Engineer. Damage to the HMA mat due to the Contractor's  
35 operation shall be repaired at no cost to the Contracting Agency.

36  
37 Following the placement of crushed surfacing material each day, the new mainline and shoulder  
38 pavement shall be cleaned of all dirt and debris to the satisfaction of the Engineer. Prior to  
39 commencing work on the Shoulder Finishing operation the Contractor shall submit the selected  
40 method of compaction and equipment to be used to the Engineer for approval.

41  
42 **4-04.4 Measurement**

43 (\*\*\*\*\*)

44 Section 4-04.4 is supplemented with the following:

45  
46 "Shoulder Finishing" shall be measured per mile.

47  
48 **4-04.5 Payment**

49 (\*\*\*\*\*)

50 Section 4-04.5 is supplemented with the following:

1  
2 The unit contract price per mile for "Shoulder Finishing" shall be full pay for furnishing crushed  
3 surfacing, hauling, grading existing material, placing additional material, watering, compacting and  
4 all other work as specified. Water for compaction of shoulder rock shall be considered incidental to  
5 this bid item.

6  
7 **DIVISION 5**  
8 **SURFACE TREATMENTS AND PAVEMENTS**  
9

10 (\*\*\*\*\*)

11 **5-04, HOT MIX ASPHALT**

12 (\*\*\*\*\*)

13 Delete Section 5-04 and amendments, Hot Mix Asphalt and replace it with the following:  
14

15 (\*\*\*\*\*)

16 **5-04.1 Description**  
17

18 This Work shall consist of providing and placing one or more layers of plant-mixed hot mix asphalt  
19 (HMA) on a prepared foundation or base in accordance with these Specifications and the lines,  
20 grades, thicknesses, and typical cross-sections shown in the Plans.  
21

22 HMA shall be composed of asphalt binder and mineral materials as may be required, mixed in the  
23 proportions specified to provide a homogeneous, stable, and workable mixture.  
24

25 The term "Approach" shall include Road approaches, driveways, and extensions.  
26

27 **Superintendents, Labor, and Equipment of Contractor**  
28

29 The Contractor shall have a sufficient number of qualified personnel on the project to  
30 insure the following minimum crew size:  
31

32 One paving superintendent  
33 One paver operator  
34 Two screed operators  
35 Three roller operators  
36 Two rakers  
37

38 These workers shall be present and not assigned to dual activities that would stop them  
39 from fulfilling their assigned task while the paver is in operation. There will be one  
40 assigned supervisor who will be in charge of paving operations and who will be  
41 responsible for work performed.  
42

43 (\*\*\*\*\*)

44 **5-04.2 Materials**

45 Materials shall meet the requirements of the following sections:  
46

47 Asphalt Binder 9-02.1(4)  
48 Cationic Emulsified Asphalt 9-02.1(6)  
49 Anti-Stripping Additive 9-02.4

1	HMA Additive	9-02.5
2	Aggregates	9-03.8
3	Recycled Asphalt Pavement	9-03.8(3)B
4	Mineral Filler	9-03.8(5)
5	Recycled Material	9-03.21
6	Portland Cement	9-01
7	Sand	9-03.1(2)
8	(As noted in 5-04.3(5)C for crack sealing)	
9	Joint Sealant	9-04.2
10	Foam Backer Rod	9-04.2(3)A

11 The Contract documents may establish that the various mineral materials required for the  
 12 manufacture of HMA will be furnished in whole or in part by the Contracting Agency. If the  
 13 documents do not establish the furnishing of any of these mineral materials by the Contracting  
 14 Agency, the Contractor shall be required to furnish such materials in the amounts required for the  
 15 designated mix. Mineral materials include coarse and fine aggregates, and mineral filler.

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

21 The Contractor may use up to 20 percent RAP by total weight of HMA with no additional sampling  
 22 or testing of the RAP in the leveling course only. No RAP will be accepted for the wearing course.  
 23 The RAP shall be sampled and tested at a frequency of one sample for every 1,000 tons produced  
 24 and not less than ten samples per project. The asphalt content and gradation test data shall be  
 25 reported to the Contracting Agency when submitting the mix design for approval on the QPL. The  
 26 Contractor shall include the RAP as part of the mix design as defined in these Specifications.

28 The grade of asphalt binder shall be as required by the Contract. Blending of asphalt binder from  
 29 different sources is not permitted.

31 Production of aggregates shall comply with the requirements of Section 3-01.  
 32 Preparation of stockpile site, the stockpiling of aggregates, and the removal of aggregates from  
 33 stockpiles shall comply with the requirements of Section 3-02.

35 **5-04.2(1) How to Get an HMA Mix Design on the QPL**

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

40 **5-04.2(1)A Vacant**

42 **5-04.2(2) Mix Design – Obtaining Project Approval**

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

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



1  
2 (\*\*\*\*\*)

3 **Commercial** evaluation will be used for Commercial HMA and for other classes of HMA if approved  
4 by the Engineer, in the following applications: sidewalks, road approaches, ditches, slopes, paths,  
5 trails, gores, prelevel, and pavement repair. Other nonstructural applications of HMA accepted by  
6 commercial evaluation shall be as approved by the Project Engineer. Sampling and testing of HMA  
7 accepted by commercial evaluation will be at the option of the Project Engineer. The Proposal  
8 quantity of HMA that is accepted by commercial evaluation will be excluded from the quantities  
9 used in the determination of nonstatistical evaluation.  
10

11 **Nonstatistical Mix Design.** Fifteen days prior to the first day of paving the contractor shall provide  
12 one of the following mix design verification certifications for Contracting Agency review;  
13

- 14 • The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or one of the mix  
15 design verification certifications listed below.
- 16 • The proposed HMA mix design on WSDOT Form 350-042 with the seal and certification  
17 (stamp & signature) of a valid licensed Washington State Professional Engineer.
- 18 • The Mix Design Report for the proposed HMA mix design developed by a qualified City or  
19 County laboratory that is within one year of the approval date.\*\*  
20

21 The mix design shall be performed by a lab accredited by a national authority such as Laboratory  
22 Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials  
23 Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall  
24 supply evidence of participation in the AASHTO: resource proficiency sample program.  
25

26 Mix designs for HMA accepted by Nonstatistical evaluation shall;  
27

- 28 • Have the aggregate structure and asphalt binder content determined in accordance with  
29 WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-  
30 03.8(2), except that Hamburg testing for ruts and stripping are at the discretion of the  
31 Engineer, and 9-03.8(6).
- 32 • Have anti-strip requirements, if any, for the proposed mix design determined in accordance  
33 with AASHTO T 283 or T 324, or based on historic anti-strip and aggregate source  
34 compatibility from previous WSDOT lab testing.  
35

36 At the discretion of the Engineer, agencies may accept verified mix designs older than 12 months  
37 from the original verification date with a certification from the Contractor that the materials and  
38 sources are the same as those shown on the original mix design.  
39

40 Commercial Evaluation Approval of a mix design for "Commercial Evaluation" will be based on a  
41 review of the Contractor's submittal of WSDOT Form 350-042 (For commercial mixes, AASHTO T  
42 324 evaluation is not required) or a Mix Design from the current WSDOT QPL or from one of the  
43 processes allowed by this section. Testing of the HMA by the Contracting Agency for mix design  
44 approval is not required.  
45

46 For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and design level of  
47 Equivalent Single Axle Loads (ESAL's) appropriate for the required use.  
48

### 49 **5-04.3 Construction Requirements**

1  
2 **5-04.3(1) Weather Limitations**

3 Do not place HMA for wearing course on any Traveled Way beginning October 1st through March  
4 31st of the following year without written concurrence from the Engineer.  
5

6 Do not place HMA on any wet surface, or when the average surface temperatures are less than  
7 those specified below, or when weather conditions otherwise prevent the proper handling or  
8 finishing of the HMA.  
9

10 **Minimum Surface Temperature for Paving**

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

11  
12 **5-04.3(2) Paving Under Traffic**

13 When the Roadway being paved is open to traffic, the requirements of this Section shall apply.  
14

15 The Contractor shall keep intersections open to traffic at all times except when paving the  
16 intersection or paving across the intersection. During such time, and provided that there has been  
17 an advance warning to the public, the intersection may be closed for the minimum time required to  
18 place and compact the mixture. In hot weather, the Engineer may require the application of water to  
19 the pavement to accelerate the finish rolling of the pavement and to shorten the time required  
20 before reopening to traffic.  
21

22 Before closing an intersection, advance warning signs shall be placed and signs shall also be  
23 placed marking the detour or alternate route.  
24

25 During paving operations, temporary pavement markings shall be maintained throughout the  
26 project. Temporary pavement markings shall be installed on the Roadway prior to opening to traffic.  
27 Temporary pavement markings shall be in accordance with Section 8-23.  
28

29 All costs in connection with performing the Work in accordance with these requirements shall be  
30 included in the unit Contract prices for the various Bid items involved in the Contract.  
31

32 **5-04.3(3) Equipment**

33  
34 **5-04.3(3)A Mixing Plant**

35 Plants used for the preparation of HMA shall conform to the following requirements:  
36

- 37 **1. Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt binder  
38 shall be equipped to heat and hold the material at the required temperatures. The heating  
39 shall be accomplished by steam coils, electricity, or other approved means so that no flame

1 shall be in contact with the storage tank. The circulating system for the asphalt binder shall  
2 be designed to ensure proper and continuous circulation during the operating period. A  
3 valve for the purpose of sampling the asphalt binder shall be placed in either the storage  
4 tank or in the supply line to the mixer.

- 5 **2. Thermometric Equipment** – An armored thermometer, capable of detecting temperature  
6 ranges expected in the HMA mix, shall be fixed in the asphalt binder feed line at a location  
7 near the charging valve at the mixer unit. The thermometer location shall be convenient and  
8 safe for access by Inspectors. The plant shall also be equipped with an approved dial-scale  
9 thermometer, a mercury actuated thermometer, an electric pyrometer, or another approved  
10 thermometric instrument placed at the discharge chute of the drier to automatically register  
11 or indicate the temperature of the heated aggregates. This device shall be in full view of the  
12 plant operator.
- 13 **3. Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed the  
14 maximum recommended by the asphalt binder manufacturer nor shall it be below the  
15 minimum temperature required to maintain the asphalt binder in a homogeneous state. The  
16 asphalt binder shall be heated in a manner that will avoid local variations in heating. The  
17 heating method shall provide a continuous supply of asphalt binder to the mixer at a uniform  
18 average temperature with no individual variations exceeding 25°F. Also, when a WMA  
19 additive is included in the asphalt binder, the temperature of the asphalt binder shall not  
20 exceed the maximum recommended by the manufacturer of the WMA additive.
- 21 **4. Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a  
22 mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall  
23 meet the requirements of Section 1-05.6 for the crushing and screening operation. The  
24 Contractor shall provide for the setup and operation of the field testing facilities of the  
25 Contracting Agency as provided for in Section 3-01.2(2).
- 26 **5. Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following  
27 methods:
- 28 a. A mechanical sampling device attached to the HMA plant.
  - 29 b. Platforms or devices to enable sampling from the hauling vehicle without entering  
30 the hauling vehicle.
- 31

### 32 **5-04.3(3)B Hauling Equipment**

33 Trucks used for hauling HMA shall have tight, clean, smooth metal beds and shall have a cover of  
34 canvas or other suitable material of sufficient size to protect the mixture from adverse weather.  
35 Whenever the weather conditions during the work shift include, or are forecast to include,  
36 precipitation or an air temperature less than 45°F or when time from loading to unloading exceeds  
37 30 minutes, the cover shall be securely attached to protect the HMA.

38

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

44

### 45 **5-04.3(3)C Pavers**

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

49

1 The HMA paver shall be in good condition and shall have the most current equipment available  
2 from the manufacturer for the prevention of segregation of the HMA mixture installed, in good  
3 condition, and in working order. The equipment certification shall list the make, model, and year of  
4 the paver and any equipment that has been retrofitted.

5  
6 The screed shall be operated in accordance with the manufacturer's recommendations and shall  
7 effectively produce a finished surface of the required evenness and texture without tearing, shoving,  
8 segregating, or gouging the mixture. A copy of the manufacturer's recommendations shall be  
9 provided upon request by the Contracting Agency. Extensions will be allowed provided they  
10 produce the same results, including ride, density, and surface texture as obtained by the primary  
11 screed. Extensions without augers and an internally heated vibratory screed shall not be used in the  
12 Traveled Way.

13  
14 When specified in the Contract, reference lines for vertical control will be required. Lines shall be  
15 placed on both outer edges of the Traveled Way of each Roadway. Horizontal control utilizing the  
16 reference line will be permitted. The grade and slope for intermediate lanes shall be controlled  
17 automatically from reference lines or by means of a mat referencing device and a slope control  
18 device. When the finish of the grade prepared for paving is superior to the established tolerances  
19 and when, in the opinion of the Engineer, further improvement to the line, grade, cross-section, and  
20 smoothness can best be achieved without the use of the reference line, a mat referencing device  
21 may be substituted for the reference line. Substitution of the device will be subject to the continued  
22 approval of the Engineer. A joint matcher may be used subject to the approval of the Engineer. The  
23 reference line may be removed after the completion of the first course of HMA when approved by  
24 the Engineer. Whenever the Engineer determines that any of these methods are failing to provide  
25 the necessary vertical control, the reference lines will be reinstalled by the Contractor.

26  
27 The Contractor shall furnish and install all pins, brackets, tensioning devices, wire, and accessories  
28 necessary for satisfactory operation of the automatic control equipment.

29  
30 If the paving machine in use is not providing the required finish, the Engineer may suspend Work as  
31 allowed by Section 1-08.6. Any cleaning or solvent type liquids spilled on the pavement shall be  
32 thoroughly removed before paving proceeds.

33  
34 **(\*\*\*\*\*)**

35 **5-04.3(3)D Material Transfer Vehicle**

36  
37 When used, the MTV shall mix the HMA after delivery by the hauling equipment and prior to  
38 laydown by the paving machine. Mixing of the HMA shall be sufficient to obtain a uniform  
39 temperature throughout the mixture.

40  
41 To be approved for use, an MTV:

- 42  
43 1. Shall be self-propelled vehicle, separate from the hauling vehicle or paver.  
44 2. Shall not be connected to the hauling vehicle or paver.  
45 3. May accept HMA directly from the haul vehicle.  
46 4. Shall mix the HMA after delivery by the hauling equipment and prior to placement into the  
47 paving machine.

1 5. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.  
2

3 Direct transfer of the HMA mixture from the hauling equipment to the paving machine will not be  
4 allowed. The Contractor shall use a self-propelled material transfer vehicle (MTV) to deliver the  
5 HMA mixture from the hauling equipment to the paving machine when placing HMA pavement on  
6 travel lanes and shoulders, when shoulders are paved in conjunction with travel lanes. A material  
7 transfer vehicle is not required for small quantities such as driveways and is optional for shoulders  
8 that are paved separately from the driving lane(s). A windrow elevator is not acceptable as a  
9 transfer device.

10  
11 The transfer vehicle's holding hopper shall have a minimum capacity of 15 tons. The material  
12 transfer vehicle shall mix the HMA after delivery by the hauling equipment but prior to lay down by  
13 the paving machine. Mixing of the HMA material shall be sufficient to obtain a consistent  
14 temperature throughout the mixture. If a transfer vehicle does not have holding or mixing  
15 capabilities, the paving machine shall be fitted with a holding and mixing hopper having a minimum  
16 capacity of 15 tons.

17  
18 Prior to use, the Contractor shall submit the manufacturer and model number of the equipment to  
19 the Engineer for review and approval. All costs to incorporate the material transfer device or  
20 vehicle into the paving train shall be included in the unit contract price for the HMA.

21  
22 The Contractor shall deliver the mixture to the paving machine at a rate that provides continuous  
23 operation of the paving machine, except for unavoidable delay or breakdown. If excessive  
24 stopping of the paving machine occurs during paving operations, the Engineer may suspend  
25 paving operations until the mixture deliver rate matches the paving machine operation.  
26

### 27 **5-04.3(3)E Rollers**

28 Rollers shall be of the steel wheel, vibratory, oscillatory, or pneumatic tire type, in good condition  
29 and capable of reversing without backlash. Operation of the roller shall be in accordance with the  
30 manufacturer's recommendations. When ordered by the Engineer for any roller planned for use on  
31 the project, the Contractor shall provide a copy of the manufacturer's recommendation for the use  
32 of that roller for compaction of HMA. The number and weight of rollers shall be sufficient to compact  
33 the mixture in compliance with the requirements of Section 5-04.3(10). The use of equipment that  
34 results in crushing of the aggregate will not be permitted. Rollers producing pickup, washboard,  
35 uneven compaction of the surface, displacement of the mixture or other undesirable results shall  
36 not be used.  
37

### 38 **5-04.3(4) Preparation of Existing Paved Surfaces**

39 When the surface of the existing pavement or old base is irregular, the Contractor shall bring it to a  
40 uniform grade and cross-section as shown on the Plans or approved by the Engineer.  
41

42 Preleveling of uneven or broken surfaces over which HMA is to be placed may be accomplished by  
43 using an asphalt paver, a motor patrol grader, or by hand raking, as approved by the Engineer.  
44

45 Compaction of preleveling HMA shall be to the satisfaction of the Engineer and may require the use  
46 of small steel wheel rollers, plate compactors, or pneumatic rollers to avoid bridging across  
47 preleveled areas by the compaction equipment. Equipment used for the compaction of preleveling  
48 HMA shall be approved by the Engineer.  
49

1 Before construction of HMA on an existing paved surface, the entire surface of the pavement shall  
2 be clean. All fatty asphalt patches, grease drippings, and other objectionable matter shall be entirely  
3 removed from the existing pavement. All pavements or bituminous surfaces shall be thoroughly  
4 cleaned of dust, soil, pavement grindings, and other foreign matter. All holes and small depressions  
5 shall be filled with an appropriate class of HMA. The surface of the patched area shall be leveled  
6 and compacted thoroughly. Prior to the application of tack coat, or paving, the condition of the  
7 surface shall be approved by the Engineer.  
8

9 A tack coat of asphalt shall be applied to all paved surfaces on which any course of HMA is to be  
10 placed or abutted; except that tack coat may be omitted from clean, newly paved surfaces at the  
11 discretion of the Engineer. Tack coat shall be uniformly applied to cover the existing pavement with  
12 a thin film of residual asphalt free of streaks and bare spots at a rate between 0.02 and 0.10 gallons  
13 per square yard of retained asphalt. The rate of application shall be approved by the Engineer. A  
14 heavy application of tack coat shall be applied to all joints. For Roadways open to traffic, the  
15 application of tack coat shall be limited to surfaces that will be paved during the same working shift.  
16 The spreading equipment shall be equipped with a thermometer to indicate the temperature of the  
17 tack coat material.  
18

19 Equipment shall not operate on tacked surfaces until the tack has broken and cured. If the  
20 Contractor's operation damages the tack coat it shall be repaired prior to placement of the HMA.  
21

22 The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h emulsified  
23 asphalt may be diluted once with water at a rate not to exceed one part water to one part emulsified  
24 asphalt. The tack coat shall have sufficient temperature such that it may be applied uniformly at the  
25 specified rate of application and shall not exceed the maximum temperature recommended by the  
26 emulsified asphalt manufacturer.  
27

### 28 **5-04.3(4)A Crack Sealing**

29  
30 (\*\*\*\*\*)

#### 31 **5-04.3(4)A1 General**

32 When the Proposal includes a pay item for crack sealing, seal all cracks  $\frac{1}{4}$  inch in width and greater.  
33 If the Proposal does not include an item for crack sealing or sealed joints it shall be incidental to  
34 and included in the unit contract price per ton for the HMA  
35

36 **Cleaning:** Ensure that cracks are thoroughly clean, dry and free of all loose and foreign material  
37 when filling with crack sealant material. Use a hot compressed air lance to dry and warm the  
38 pavement surfaces within the crack immediately prior to filling a crack with the sealant material. Do  
39 not overheat pavement. Do not use direct flame dryers. Routing cracks is not required.  
40

41 **Sand Slurry:** For cracks that are to be filled with sand slurry, thoroughly mix the components and  
42 pour the mixture into the cracks until full. Add additional CSS-1 cationic emulsified asphalt to the  
43 sand slurry as needed for workability to ensure the mixture will completely fill the cracks. Strike off  
44 the sand slurry flush with the existing pavement surface and allow the mixture to cure. Top off  
45 cracks that were not completely filled with additional sand slurry. Do not place the HMA overlay until  
46 the slurry has fully cured.  
47

1 The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt, approximately  
2 2 percent portland cement, water (if required), and the remainder clean Class 1 or 2 fine aggregate  
3 per section 9-03.1(2). The components shall be thoroughly mixed and then poured into the cracks  
4 and joints until full. The following day, any cracks or joints that are not completely filled shall be  
5 topped off with additional sand slurry. After the sand slurry is placed, the filler shall be struck off  
6 flush with the existing pavement surface and allowed to cure. The HMA overlay shall not be placed  
7 until the slurry has fully cured. The requirements of Section 1-06 will not apply to the portland  
8 cement and sand used in the sand slurry.

9  
10 In areas where HMA will be placed, use sand slurry to fill the cracks.

11  
12 In areas where HMA will not be placed, fill the cracks as follows:

- 13  
14 1. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.  
15 2. Cracks greater than 1 inch in width – fill with sand slurry.  
16

17 **Hot Poured Sealant:** For cracks that are to be filled with hot poured sealant, apply the material in  
18 accordance with these requirements and the manufacturer’s recommendations. Furnish a Type 1  
19 Working Drawing of the manufacturer’s product information and recommendations to the Engineer  
20 prior to the start of work, including the manufacturer’s recommended heating time and  
21 temperatures, allowable storage time and temperatures after initial heating, allowable reheating  
22 criteria, and application temperature range. Confine hot poured sealant material within the crack.  
23 Clean any overflow of sealant from the pavement surface. If, in the opinion of the Engineer, the  
24 Contractor’s method of sealing the cracks with hot poured sealant results in an excessive amount of  
25 material on the pavement surface, stop and correct the operation to eliminate the excess material.  
26

#### 27 **5-04.3(4)A2 Crack Sealing Areas Prior to Paving**

28  
29 In areas where HMA will be placed, use sand slurry to fill the cracks.  
30

#### 31 **5-04.3(4)A3 Crack Sealing Areas Not to be Paved**

32  
33 In areas where HMA will not be placed, fill the cracks as follows:  
34

- 35 A. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.  
36 B. Cracks greater than 1 inch in width – fill with sand slurry.  
37

#### 38 **5-04.3(4)B Vacant**

#### 39 40 **5-04.3(4)C Pavement Repair**

41  
42 All planning bituminous pavement shall be complete before performing pavement repair. The  
43 Contractor shall excavate pavement repair areas and shall backfill these with HMA in accordance  
44 with the details shown in the Plans and as marked in the field. The Contractor shall conduct the  
45 excavation operations in a manner that will protect the pavement that is to remain. Pavement not  
46 designated to be removed that is damaged as a result of the Contractor’s operations shall be  
47 repaired by the Contractor to the satisfaction of the Engineer at no cost to the Contracting Agency.

1 The Contractor shall excavate only within one lane at a time unless approved otherwise by the  
2 Engineer. The Contractor shall not excavate more area than can be completely finished during the  
3 same shift, unless approved by the Engineer.  
4

5 Unless otherwise shown in the Plans or determined by the Engineer, excavate to a depth of 1.0  
6 feet. The Engineer will make the final determination of the excavation depth required. The minimum  
7 width of any pavement repair area shall be 40 inches unless shown otherwise in the Plans. Before  
8 any excavation, the existing pavement shall be sawcut or shall be removed by a pavement grinder.  
9 Excavated materials will become the property of the Contractor and shall be disposed of in a  
10 Contractor-provided site off the Right of Way or used in accordance with Sections 2-02.3(3) or 9-  
11 03.21.  
12

13 Asphalt for tack coat shall be required as specified in Section 5-04.3(4). A heavy application of tack  
14 coat shall be applied to all surfaces of existing pavement in the pavement repair area.  
15

16 Placement of the HMA backfill shall be accomplished in lifts not to exceed 0.35-foot compacted  
17 depth. Lifts that exceed 0.35-foot of compacted depth may be accomplished with the approval of  
18 the Engineer. Each lift shall be thoroughly compacted by a mechanical tamper or a roller.  
19

#### 20 **5-04.3(5) Producing/Stockpiling Aggregates and RAP**

21

22 Aggregates and RAP shall be stockpiled according to the requirements of Section 3-02. Sufficient  
23 storage space shall be provided for each size of aggregate and RAP. Materials shall be removed  
24 from stockpile(s) in a manner to ensure minimal segregation when being moved to the HMA plant  
25 for processing into the final mixture. Different aggregate sizes shall be kept separated until they  
26 have been delivered to the HMA plant.  
27

#### 28 **5-04.3(5)A Vacant**

29

30 (\*\*\*\*\*)

#### 31 **5-04.3(6) Mixing**

32 After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping  
33 additives have been introduced into the mixer the HMA shall be mixed until complete and uniform  
34 coating of the particles and thorough distribution of the asphalt binder throughout the mineral  
35 materials is ensured.  
36

37 When discharged, the temperature of the HMA shall not exceed the optimum mixing temperature by  
38 more than 25°F as shown on the reference mix design report or as approved by the Engineer. A  
39 maximum water content of 2 percent in the mix, at discharge, will be allowed providing the water  
40 causes no problems with handling, stripping, or flushing. If the water in the HMA causes any of  
41 these problems, the moisture content shall be reduced as directed by the Engineer.  
42

43 Storing or holding of the HMA in approved storage facilities will be permitted with approval of the  
44 Engineer, but in no event shall the HMA be held for more than 24 hours. HMA held for more than 24  
45 hours after mixing shall be rejected. Rejected HMA shall be disposed of by the Contractor at no  
46 expense to the Contracting Agency. The storage facility shall have an accessible device located at  
47 the top of the cone or about the third point. The device shall indicate the amount of material in  
48 storage. No HMA shall be accepted from the storage facility when the HMA in storage is below the



1 top of the cone of the storage facility, except as the storage facility is being emptied at the end of  
2 the working shift.

3  
4 Recycled asphalt pavement (RAP) utilized in the production of HMA shall be sized prior to entering  
5 the mixer so that a uniform and thoroughly mixed HMA is produced. If there is evidence of the  
6 recycled asphalt pavement not breaking down during the heating and mixing of the HMA, the  
7 Contractor shall immediately suspend the use of the RAP until changes have been approved by the  
8 Engineer. After the required amount of mineral materials, RAP, new asphalt binder and asphalt  
9 rejuvenator have been introduced into the mixer the HMA shall be mixed until complete and uniform  
10 coating of the particles and thorough distribution of the asphalt binder throughout the mineral  
11 materials, and RAP is ensured.

12  
13 (\*\*\*\*\*)

#### 14 **5-04.3(7) Spreading and Finishing**

15  
16 The mixture shall be laid upon an approved surface, spread, and struck off to the grade and  
17 elevation established. HMA pavers complying with Section 5-04.3(3) shall be used to distribute the  
18 mixture. Unless otherwise directed by the Engineer, the nominal compacted depth of any layer of  
19 any course shall not exceed the following:

21 HMA Class 1"	0.35 feet
22 HMA Class ¾" and HMA Class ½"	
23 wearing course	0.30 feet
24 other courses	0.35 feet
25 HMA Class ⅜"	0.20 feet

26  
27 On areas where irregularities or unavoidable obstacles make the use of mechanical spreading and  
28 finishing equipment impractical, the paving may be done with other equipment or by hand.

29  
30 When more than one JMF is being utilized to produce HMA, the material produced for each JMF  
31 shall be placed by separate spreading and compacting equipment. The intermingling of HMA  
32 produced from more than one JMF is prohibited. Each strip of HMA placed during a work shift shall  
33 conform to a single JMF established for the class of HMA specified unless there is a need to make  
34 an adjustment in the JMF.

#### 35 **5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA**

36  
37  
38 For HMA accepted by nonstatistical evaluation the aggregate properties of sand equivalent,  
39 uncompacted void content and fracture will be evaluated in accordance with Section 3-04.  
40 Sampling and testing of aggregates for HMA accepted by commercial evaluation will be at the  
41 option of the Engineer.

#### 42 **5-04.3(9) HMA Mixture Acceptance**

43  
44  
45 Acceptance of HMA shall be as provided under nonstatistical, or commercial evaluation.

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

3  
4 Commercial evaluation will be used for Commercial HMA and for other classes of HMA in the  
5 following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel,  
6 temporary pavement, and pavement repair. Other nonstructural applications of HMA accepted by  
7 commercial evaluation shall be as approved by the Engineer. Sampling and testing of HMA  
8 accepted by commercial evaluation will be at the option of the Engineer.

9  
10 The mix design will be the initial JMF for the class of HMA. The Contractor may request a change in  
11 the JMF. Any adjustments to the JMF will require the approval of the Engineer and may be made in  
12 accordance with this section.

### 14 HMA Tolerances and Adjustments

- 15 1. **Job Mix Formula Tolerances** – The constituents of the mixture at the time of acceptance  
16 shall be within tolerance. The tolerance limits will be established as follows:

17 For Asphalt Binder and Air Voids (Va), the acceptance limits are determined by adding  
18 the tolerances below to the approved JMF values. These values will also be the Upper  
19 Specification Limit (USL) and Lower Specification Limit (LSL) required in Section 1-  
20 06.2(2)D2

Property	Non-Statistical Evaluation	Commercial Evaluation
Asphalt Binder	+/- 0.5%	+/- 0.7%
Air Voids, Va	2.5% min. and 5.5% max	N/A

21 For Aggregates in the mixture:

- 22 a. First, determine preliminary upper and lower acceptance limits by applying the following  
23 tolerances to the approved JMF.

Aggregate Percent Passing	Non-Statistical Evaluation	Commercial Evaluation
1", ¾", ½", and 3/8" sieves	+/- 6%	+/- 8%
No. 4 sieve	+/-5%	+/- 8%
No. 8 Sieve	+/- 4%	+/-8%
No. 200 sieve	+/-1.0%	+/- 3.0%

- 24 b. Second, adjust the preliminary upper and lower acceptance limits determined from step  
25 (a) the minimum amount necessary so that none of the aggregate properties are outside  
26 the control points in Section 9-03.8(6). The resulting values will be the upper and lower  
27 acceptance limits for aggregates, as well as the USL and LSL required in Section 1-  
28 06.2(2)D2.

- 29 2. **Job Mix Formula Adjustments** – An adjustment to the aggregate gradation or asphalt binder  
30 content of the JMF requires approval of the Engineer. Adjustments to the JMF will only be  
31 considered if the change produces material of equal or better quality and may require the  
32 development of a new mix design if the adjustment exceeds the amounts listed below.

- 33 a. **Aggregates** –2 percent for the aggregate passing the 1½", 1", ¾", ½", ⅜", and the No. 4  
34 sieves, 1 percent for aggregate passing the No. 8 sieve, and 0.5 percent for the  
35 aggregate passing the No. 200 sieve. The adjusted JMF shall be within the range of the  
36 control points in Section 9-03.8(6).

- 37 b. **Asphalt Binder Content** – The Engineer may order or approve changes to asphalt  
38 binder content. The maximum adjustment from the approved mix design for the asphalt  
39 binder content shall be 0.3 percent

1  
2 **5-04.3(9)A Vacant**  
3

4 **5-04.3(9)B Vacant**  
5

6 **5-04.3(9)C Mixture Acceptance – Nonstatistical Evaluation**

7 HMA mixture which is accepted by Nonstatistical Evaluation will be evaluated by the Contracting  
8 Agency by dividing the HMA tonnage into lots.  
9

10 **5-04.3(9)C1 Mixture Nonstatistical Evaluation – Lots and Sublots**

11 A lot is represented by randomly selected samples of the same mix design that will be tested for  
12 acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix  
13 Formula placed. Only one lot per JMF is expected. A subplot shall be equal to one day's production  
14 or 800 tons, whichever is less except that the final subplot will be a minimum of 400 tons and may be  
15 increased to 1200 tons.  
16

17 All of the test results obtained from the acceptance samples from a given lot shall be evaluated  
18 collectively. If the Contractor requests a change to the JMF that is approved, the material produced  
19 after the change will be evaluated on the basis of the new JMF for the remaining sublots in the  
20 current lot and for acceptance of subsequent lots. For a lot in progress with a CPF less than 0.75, a  
21 new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming  
22 to the Specifications can be produced.  
23

24 Sampling and testing for evaluation shall be performed on the frequency of one sample per subplot.  
25

26 **5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling**

27 Samples for acceptance testing shall be obtained by the Contractor when ordered by the Engineer.  
28 The Contractor shall sample the HMA mixture in the presence of the Engineer and in accordance  
29 with AASH-TO T 168. A minimum of three samples should be taken for each class of HMA placed  
30 on a project. If used in a structural application, at least one of the three samples shall to be tested.  
31

32 Sampling and testing HMA in a Structural application where quantities are less than 400 tons is at  
33 the discretion of the Engineer.  
34

35 For HMA used in a structural application and with a total project quantity less than 800 tons but  
36 more than 400 tons, a minimum of one acceptance test shall be performed. In all cases, a minimum  
37 of 3 samples will be obtained at the point of acceptance, a minimum of one of the three samples will  
38 be tested for conformance to the JMF:  
39

- 40 • If the test results are found to be within specification requirements, additional testing will be at  
41 the Engineer's discretion.
- 42 • If test results are found not to be within specification requirements, additional testing of the  
43 remaining samples to determine a Composite Pay Factor (CPF) shall be performed.  
44

45 **5-04.3(9)C3 Mixture Nonstatistical Evaluation – Acceptance Testing**

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

1  
2 Testing for compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308.

3  
4 Testing for compliance of gradation will be by FOP for WAQTC T 27/T 11.

5  
6 **5-04.3(9)C4 Mixture Nonstatistical Evaluation – Pay Factors**

7 For each lot of material falling outside the tolerance limits in 5-04.3(9), the Contracting Agency will  
8 determine a Composite Pay Factor (CPF) using the following price adjustment factors:  
9

Table of Price Adjustment Factors	
Constituent	Factor "f"
All aggregate passing: 1½", 1", ¾", ½", ⅜" and No.4 sieves	2
All aggregate passing No. 8 sieve	15
All aggregate passing No. 200 sieve	20
Asphalt binder	40
Air Voids (Va) (where applicable)	20

10  
11 Each lot of HMA produced under Nonstatistical Evaluation and having all constituents falling within  
12 the tolerance limits of the job mix formula shall be accepted at the unit Contract price with no further  
13 evaluation. When one or more constituents fall outside the nonstatistical tolerance limits in the Job  
14 Mix Formula shown in Table of Price Adjustment Factors, the lot shall be evaluated in accordance  
15 with Section 1-06.2 to determine the appropriate CPF. The nonstatistical tolerance limits will be  
16 used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three  
17 sublots exist, backup samples of the existing sublots or samples from the Roadway shall be tested  
18 to provide a minimum of three sets of results for evaluation.  
19

20 **5-04.3(9)C5 Vacant**

21  
22 **5-04.3(9)C6 Mixture Nonstatistical Evaluation – Price Adjustments**

23 For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF is less  
24 than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals the algebraic  
25 difference of CPF minus 1.00 multiplied by 60 percent. The total job mix compliance price  
26 adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and  
27 the unit Contract price per ton of mix.  
28

29 If a constituent is not measured in accordance with these Specifications, its individual pay factor will  
30 be considered 1.00 in calculating the Composite Pay Factor (CPF).  
31

32 **5-04.3(9)C7 Mixture Nonstatistical Evaluation - Retests**

33 The Contractor may request a subplot be retested. To request a retest, the Contractor shall submit a  
34 written request within 7 calendar days after the specific test results have been received. A split of  
35 the original acceptance sample will be retested. The split of the sample will not be tested with the  
36 same tester that ran the original acceptance test. The sample will be tested for a complete

1 gradation analysis, asphalt binder content, and, at the option of the agency,  $V_a$ . The results of the  
2 retest will be used for the acceptance of the HMA in place of the original subplot sample test results.  
3 The cost of testing will be deducted from any monies due or that may come due the Contractor  
4 under the Contract at the rate of \$500 per sample.  
5

### 6 **5-04.3 (9)D Mixture Acceptance – Commercial Evaluation**

7 If sampled and tested, HMA produced under Commercial Evaluation and having all constituents  
8 falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price  
9 with no further evaluation. When one or more constituents fall outside the commercial tolerance  
10 limits in the Job Mix Formula shown in 5-04.3(9), the lot shall be evaluated in accordance with  
11 Section 1-06.2 to determine the appropriate CPF. The commercial tolerance limits will be used in  
12 the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist,  
13 backup samples of the existing sublots or samples from the street shall be tested to provide a  
14 minimum of three sets of results for evaluation.  
15

16 For each lot of HMA mix produced and tested under Commercial Evaluation when the calculated  
17 CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals  
18 the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The Job Mix Compliance Price  
19 Adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons,  
20 and the unit Contract price per ton of mix.  
21

22 If a constituent is not measured in accordance with these Specifications, its individual pay factor will  
23 be considered 1.00 in calculating the Composite Pay Factor (CPF).  
24

### 25 **5-04.3(10) HMA Compaction Acceptance**

26 HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for  
27 intersections, ramps, truck climbing, weaving, and speed change, and having a specified  
28 compacted course thickness greater than 0.10-foot, shall be compacted to a specified level of  
29 relative density. The specified level of relative density shall be a Composite Pay Factor (CPF) of not  
30 less than 0.75 when evaluated in accordance with Section 1-06.2, using a LSL of 92.0 (minimum of  
31 92 percent of the maximum density). The maximum density shall be determined by WSDOT FOP  
32 for AASHTO T 729. The specified level of density attained will be determined by the evaluation of  
33 the density of the pavement. The density of the pavement shall be determined in accordance with  
34 WSDOT FOP for ASSHTO T 355, except that gauge correlation will be at the discretion of the  
35 Engineer, when using the nuclear density gauge and WSDOT SOP 736 when using cores to  
36 determine density.  
37

38 Tests for the determination of the pavement density will be taken in accordance with the required  
39 procedures for measurement by a nuclear density gauge or roadway cores after completion of the  
40 finish rolling.  
41

42 If the Contracting Agency uses a nuclear density gauge to determine density the test procedures  
43 WSDOT FOP for ASSHTO T 355 and WSDOT SOP T 729 will be used on the day the mix is placed  
44 and prior to opening to traffic.  
45

46 Roadway cores for density may be obtained by either the Contracting Agency or the Contractor in  
47 accordance with WSDOT SOP 734. The core diameter shall be 4-inches minimum, unless  
48 otherwise approved by the Engineer. Roadway cores will be tested by the Contracting Agency in  
49 accordance with WSDOT FOP for AASHTO T 166.

1  
2 If the Contract includes the Bid item "Roadway Core" the cores shall be obtained by the Contractor  
3 in the presence of the Engineer on the same day the mix is placed and at locations designated by  
4 the Engineer. If the Contract does not include the Bid item "Roadway Core" the Contracting Agency  
5 will obtain the cores.  
6

7 For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after  
8 the Engineer is satisfied that material conforming to the Specifications can be produced.  
9

10 HMA mixture accepted by commercial evaluation and HMA constructed under conditions other than  
11 those listed above shall be compacted on the basis of a test point evaluation of the compaction  
12 train. The test point evaluation shall be performed in accordance with instructions from the  
13 Engineer. The number of passes with an approved compaction train, required to attain the  
14 maximum test point density, shall be used on all subsequent paving.  
15

16 HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling wheel rutting  
17 shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.  
18

### 19 **Test Results**

20 For a subplot that has been tested with a nuclear density gauge that did not meet the minimum of 92  
21 percent of the reference maximum density in a compaction lot with a CPF below 1.00 and thus  
22 subject to a price reduction or rejection, the Contractor may request that a core be used for  
23 determination of the relative density of the subplot. The relative density of the core will replace the  
24 relative density determined by the nuclear density gauge for the subplot and will be used for  
25 calculation of the CPF and acceptance of HMA compaction lot.  
26

27 When cores are taken by the Contracting Agency at the request of the Contractor, they shall be  
28 requested by noon of the next workday after the test results for the subplot have been provided or  
29 made available to the Contractor. Core locations shall be outside of wheel paths and as determined  
30 by the Engineer. Traffic control shall be provided by the Contractor as requested by the Engineer.  
31 Failure by the Contractor to provide the requested traffic control will result in forfeiture of the request  
32 for cores. When the CPF for the lot based on the results of the HMA cores is less than 1.00, the  
33 cost for the coring will be deducted from any monies due or that may become due the Contractor  
34 under the Contract at the rate of \$200 per core and the Contractor shall pay for the cost of the traffic  
35 control.  
36

### 37 **5-04.3(10)A HMA Compaction – General Compaction Requirements**

38 Compaction shall take place when the mixture is in the proper condition so that no undue  
39 displacement, cracking, or shoving occurs. Areas inaccessible to large compaction equipment shall  
40 be compacted by other mechanical means. Any HMA that becomes loose, broken, contaminated,  
41 shows an excess or deficiency of asphalt, or is in any way defective, shall be removed and replaced  
42 with new hot mix that shall be immediately compacted to conform to the surrounding area.  
43

44 The type of rollers to be used and their relative position in the compaction sequence shall generally  
45 be the Contractor's option, provided the specified densities are attained. Unless the Engineer has  
46 approved otherwise, rollers shall only be operated in the static mode when the internal temperature  
47 of the mix is less than 175°F. Regardless of mix temperature, a roller shall not be operated in a

1 mode that results in checking or cracking of the mat. Rollers shall only be operated in static mode  
2 on bridge decks.

### 3 4 **5-04.3(10)B HMA Compaction – Cyclic Density**

5 Low cyclic density areas are defined as spots or streaks in the pavement that are less than 90  
6 percent of the theoretical maximum density. At the Engineer’s discretion, the Engineer may  
7 evaluate the HMA pavement for low cyclic density, and when doing so will follow WSDOT SOP 733.  
8 A \$500 Cyclic Density Price Adjustment will be assessed for any 500-foot section with two or more  
9 density readings below 90 percent of the theoretical maximum density.

### 10 11 **5-04.3(10)C Vacant**

### 12 13 **5-04.3(10)D HMA Nonstatistical Compaction**

#### 14 15 **5-04.3(10)D1 HMA Nonstatistical Compaction – Lots and Sublots**

16 HMA compaction which is accepted by nonstatistical evaluation will be based on acceptance testing  
17 performed by the Contracting Agency dividing the project into compaction lots.

18  
19 A lot is represented by randomly selected samples of the same mix design that will be tested for  
20 acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix  
21 Formula placed. Only one lot per JMF is expected. A subplot shall be equal to one day’s production  
22 or 400 tons, whichever is less except that the final subplot will be a minimum of 200 tons and may be  
23 increased to 800 tons. Testing for compaction will be at the rate of 5 tests per subplot per WSDOT T  
24 738. The compaction test locations will be determined by the Engineer in accordance with WSDOT  
25 Test Method T 716.

26  
27 The subplot locations within each density lot will be determined by the Engineer. For a lot in progress  
28 with a CPF less than 0.75, a new lot will begin at the Contractor’s request after the Engineer is  
29 satisfied that material conforming to the Specifications can be produced.

30  
31 HMA mixture accepted by commercial evaluation and HMA constructed under conditions other than  
32 those listed above shall be compacted on the basis of a test point evaluation of the compaction  
33 train. The test point evaluation shall be performed in accordance with instructions from the  
34 Engineer. The number of passes with an approved compaction train, required to attain the  
35 maximum test point density, shall be used on all subsequent paving.

36  
37 HMA for preleveling shall be thoroughly compacted. HMA that is used to prelevel wheel ruts shall  
38 be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

#### 39 40 **5-04.3(10)D2 HMA Compaction Nonstatistical Evaluation – Acceptance Testing**

41 The location of the HMA compaction acceptance tests will be randomly selected by the Engineer  
42 from within each subplot, with one test per subplot. The Contracting Agency will determine the  
43 random sample location using WSDOT Test Method T 716.

#### 44 45 **5-04.3(10)D3 HMA Nonstatistical Compaction – Price Adjustments**

46 For each compaction lot with one or two sublots, having all sublots attain a relative density that is  
47 92 percent of the reference maximum density the HMA shall be accepted at the unit Contract price  
48 with no further evaluation. When a subplot does not attain a relative density that is 92 percent of the

1 reference maximum density, the lot shall be evaluated in accordance with Section 1-06.2 to  
2 determine the appropriate CPF. The maximum CPF shall be 1.00, however, lots with a calculated  
3 CPF in excess of 1.00 will be used to offset lots with CPF values below 1.00 but greater than 0.90.  
4 Lots with CPF lower than 0.90 will be evaluated for compliance per 5-04.3(11). Additional testing by  
5 either a nuclear moisture-density gauge or cores will be completed as required to provide a  
6 minimum of three tests for evaluation.  
7

8 For compaction below the required 92% a Non-Conforming Compaction Factor (NCCF) will be  
9 determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent.  
10 The Compaction Price Adjustment will be calculated as the product of CPF, the quantity of HMA in  
11 the compaction control lot in tons, and the unit Contract price per ton of mix.  
12

### 13 **5-04.3(11) Reject Work**

#### 15 **5-04.3(11)A Reject Work General**

16 Work that is defective or does not conform to Contract requirements shall be rejected. The  
17 Contractor may propose, in writing, alternatives to removal and replacement of rejected material.  
18 Acceptability of such alternative proposals will be determined at the sole discretion of the Engineer.  
19 HMA that has been rejected is subject to the requirements in Section 1-06.2(2) and this  
20 specification, and the Contractor shall submit a corrective action proposal to the Engineer for  
21 approval.  
22

#### 23 **5-04.3(11)B Rejection by Contractor**

24 The Contractor may, prior to sampling, elect to remove any defective material and replace it with  
25 new material. Any such new material will be sampled, tested, and evaluated for acceptance.  
26

#### 27 **5-04.3(11)C Rejection Without Testing (Mixture or Compaction)**

28 The Engineer may, without sampling, reject any batch, load, or section of Roadway that appears  
29 defective. Material rejected before placement shall not be incorporated into the pavement. Any  
30 rejected section of Roadway shall be removed.  
31

32 No payment will be made for the rejected materials or the removal of the materials unless the  
33 Contractor requests that the rejected material be tested. If the Contractor elects to have the rejected  
34 material tested, a minimum of three representative samples will be obtained and tested.  
35 Acceptance of rejected material will be based on conformance with the nonstatistical acceptance  
36 Specification. If the CPF for the rejected material is less than 0.75, no payment will be made for the  
37 rejected material; in addition, the cost of sampling and testing shall be borne by the Contractor. If  
38 the CPF is greater than or equal to 0.75, the cost of sampling and testing will be borne by the  
39 Contracting Agency. If the material is rejected before placement and the CPF is greater than or  
40 equal to 0.75, compensation for the rejected material will be at a CPF of 0.75. If rejection occurs  
41 after placement and the CPF is greater than or equal to 0.75, compensation for the rejected  
42 material will be at the calculated CPF with an addition of 25 percent of the unit Contract price added  
43 for the cost of removal and disposal.  
44

#### 45 **5-04.3(11)D Rejection - A Partial Sublot**

46 In addition to the random acceptance sampling and testing, the Engineer may also isolate from a  
47 normal sublot any material that is suspected of being defective in relative density, gradation or  
48 asphalt binder content. Such isolated material will not include an original sample location. A



1 minimum of three random samples of the suspect material will be obtained and tested. The material  
2 will then be statistically evaluated as an independent lot in accordance with Section 1-06.2(2).  
3

#### 4 **5-04.3(11)E Rejection - An Entire Sublot**

5 An entire sublot that is suspected of being defective may be rejected. When a sublot is rejected a  
6 minimum of two additional random samples from this sublot will be obtained. These additional  
7 samples and the original sublot will be evaluated as an independent lot in accordance with Section  
8 1-06.2(2).  
9

#### 10 **5-04.3(11)F Rejection - A Lot in Progress**

11 The Contractor shall shut down operations and shall not resume HMA placement until such time as  
12 the Engineer is satisfied that material conforming to the Specifications can be produced:  
13

- 14 1. When the Composite Pay Factor (CPF) of a lot in progress drops below 1.00 and the  
15 Contractor is taking no corrective action, or
- 16 2. When the Pay Factor (PF) for any constituent of a lot in progress drops below 0.95 and the  
17 Contractor is taking no corrective action, or
- 18 3. When either the PFi for any constituent or the CPF of a lot in progress is less than 0.75.  
19

#### 20 **5-04.3(11)G Rejection - An Entire Lot (Mixture or Compaction)**

21 An entire lot with a CPF of less than 0.75 will be rejected.  
22

#### 23 **5-04.3(12) Joints**

##### 24 **5-04.3(12)A HMA Joints**

##### 25 **5-04.3(12)A1 Transverse Joints**

26 The Contractor shall conduct operations such that the placing of the top or wearing course is a  
27 continuous operation or as close to continuous as possible. Unscheduled transverse joints will be  
28 allowed and the roller may pass over the unprotected end of the freshly laid mixture only when the  
29 placement of the course must be discontinued for such a length of time that the mixture will cool  
30 below compaction temperature. When the Work is resumed, the previously compacted mixture shall  
31 be cut back to produce a slightly beveled edge for the full thickness of the course.  
32  
33

34  
35 A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse joint  
36 as a result of paving or planing is open to traffic. The HMA in the temporary wedge shall be  
37 separated from the permanent HMA by strips of heavy wrapping paper or other methods approved  
38 by the Engineer. The wrapping paper shall be removed and the joint trimmed to a slightly beveled  
39 edge for the full thickness of the course prior to resumption of paving.  
40

41 The material that is cut away shall be wasted and new mix shall be laid against the cut. Rollers or  
42 tamping irons shall be used to seal the joint.  
43

##### 44 **5-04.3(12)A2 Longitudinal Joints**

45 The longitudinal joint in any one course shall be offset from the course immediately below by not  
46 more than 6 inches nor less than 2 inches. All longitudinal joints constructed in the wearing course  
47 shall be located at a lane line or an edge line of the Traveled Way. A notched wedge joint shall be

1 constructed along all longitudinal joints in the wearing surface of new HMA unless otherwise  
2 approved by the Engineer. The notched wedge joint shall have a vertical edge of not less than the  
3 maximum aggregate size or more than ½ of the compacted lift thickness and then taper down on a  
4 slope not steeper than 4H:1V. The sloped portion of the HMA notched wedge joint shall be  
5 uniformly compacted.

#### 6 7 **5-04.3(12)B Bridge Paving Joint Seals**

##### 8 9 **5-04.3(12)B1 HMA Sawcut and Seal**

10 Prior to placing HMA on the bridge deck, establish sawcut alignment points at both ends of the  
11 bridge paving joint seals to be placed at the bridge ends, and at interior joints within the bridge deck  
12 when and where shown in the Plans. Establish the sawcut alignment points in a manner that they  
13 remain functional for use in aligning the sawcut after placing the overlay.

14  
15 Submit a Type 1 Working Drawing consisting of the sealant manufacturer's application procedure.

16  
17 Construct the bridge paving joint seal as specified on the Plans and in accordance with the detail  
18 shown in the Standard Plans. Construct the sawcut in accordance with the detail shown in the  
19 Standard Plan. Construct the sawcut in accordance with Section 5-05.3(8)B and the manufacturer's  
20 application procedure.

##### 21 22 **5-04.3(12)B2 Paved Panel Joint Seal**

23 Construct the paved panel joint seal in accordance with the requirements specified in section 5-  
24 04.3(12)B1 and the following requirement:

- 25  
26 1. Clean and seal the existing joint between concrete panels in accordance with Section 5-  
27 01.3(8) and the details shown in the Standard Plans.

##### 28 29 **5-04.3(13) Surface Smoothness**

30 The completed surface of all courses shall be of uniform texture, smooth, uniform as to crown and  
31 grade, and free from defects of all kinds. The completed surface of the wearing course shall not  
32 vary more than ⅛ inch from the lower edge of a 10-foot straightedge placed on the surface parallel  
33 to the centerline. The transverse slope of the completed surface of the wearing course shall vary  
34 not more than ¼ inch in 10 feet from the rate of transverse slope shown in the Plans.

35  
36 When deviations in excess of the above tolerances are found that result from a high place in the  
37 HMA, the pavement surface shall be corrected by one of the following methods:

- 38  
39 1. Removal of material from high places by grinding with an approved grinding machine, or  
40 2. Removal and replacement of the wearing course of HMA, or  
41 3. By other method approved by the Engineer.

42  
43 Correction of defects shall be carried out until there are no deviations anywhere greater than the  
44 allowable tolerances.

45  
46 Deviations in excess of the above tolerances that result from a low place in the HMA and deviations  
47 resulting from a high place where corrective action, in the opinion of the Engineer, will not produce

1 satisfactory results will be accepted with a price adjustment. The Engineer shall deduct from monies  
2 due or that may become due to the Contractor the sum of \$500.00 for each and every section of  
3 single traffic lane 100 feet in length in which any excessive deviations described above are found.  
4

5 When utility appurtenances such as manhole covers and valve boxes are located in the traveled  
6 way, the utility appurtenances shall be adjusted to the finished grade prior to paving. This  
7 requirement may be waived when requested by the Contractor, at the discretion of the Engineer or  
8 when the adjustment details provided in the project plan or specifications call for utility  
9 appurtenance adjustments after the completion of paving.  
10

11 Utility appurtenance adjustment discussions will be included in the Pre-Paving planning (5-  
12 04.3(14)B3). Submit a written request to waive this requirement to the Engineer prior to the start of  
13 paving.  
14

### 15 **5-04.3(14) Planing (Milling) Bituminous Pavement**

16 The planing plan must be approved by the Engineer and a pre planing meeting must be held prior  
17 to the start of any planing. See Section 5-04.3(14)B2 for information on planing submittals.  
18

19 Locations of existing surfacing to be planed are as shown in the Drawings.  
20

21 For mainline planing operations, use equipment with automatic controls and with sensors for either  
22 or both sides of equipment. The controls shall be capable of sensing the grade from an outside  
23 reference line, or a mat-referencing device. The automatic controls shall have a transverse slope  
24 controller capable of maintaining the mandrel at the desired transverse slope (expressed as a  
25 percentage) within plus or minus 0.1 percent.  
26

27 Where planing an existing pavement is specified in the Contract, the Contractor must remove  
28 existing surfacing material and to reshape the surface to remove irregularities. The finished product  
29 must be a prepared surface acceptable for receiving an HMA overlay.  
30

31 Use the cold milling method for planing unless otherwise specified in the Contract. Do not use the  
32 planer on the final wearing course of new HMA.  
33

34 Conduct planing operations in a manner that does not tear, break, burn, or otherwise damage the  
35 surface which is to remain. The finished planed surface must be slightly grooved or roughened and  
36 must be free from gouges, deep grooves, ridges, or other imperfections. The Contractor must repair  
37 any damage to the surface by the Contractor's planing equipment, using an Engineer approved  
38 method.  
39

40 Repair or replace any metal castings and other surface improvements damaged by planing, as  
41 determined by the Engineer.  
42

43 A tapered wedge cut must be planed longitudinally along curb lines sufficient to provide a minimum  
44 of 4 inches of curb reveal after placement and compaction of the final wearing course. The  
45 dimensions of the wedge must be as shown on the Drawings or as specified by the Engineer.  
46

1 A tapered wedge cut must also be made at transitions to adjoining pavement surfaces (meet lines)  
2 where butt joints are shown on the Drawings. Cut butt joints in a straight line with vertical faces 2  
3 inches or more in height, producing a smooth transition to the existing adjoining pavement.  
4

5 After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract,  
6 patched and preleveled.  
7

8 The Engineer may direct additional depth planing. Before performing this additional depth planing,  
9 the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-  
10 04.3(14)A.  
11

#### 12 **5-04.3(14)A Pre-Planing Metal Detection Check**

13 Before starting planing of pavements, and before any additional depth planing required by the  
14 Engineer, the Contractor must conduct a physical survey of existing pavement to be planed with  
15 equipment that can identify hidden metal objects.  
16

17 Should such metal be identified, promptly notify the Engineer.  
18

19 See Section 1-07.16(1) regarding the protection of survey monumentation that may be hidden in  
20 pavement.  
21

22 The Contractor is solely responsible for any damage to equipment resulting from the Contractor's  
23 failure to conduct a pre-planing metal detection survey, or from the Contractor's failure to notify the  
24 Engineer of any hidden metal that is detected.  
25

#### 26 **5-04.3(14)B Paving and Planing Under Traffic**

##### 27 **5-04.3(14)B1 General**

28 In addition the requirements of Section 1-07.23 and the traffic controls required in Section 1-10, and  
29 unless the Contract specifies otherwise or the Engineer approves, the Contractor must comply with  
30 the following:  
31  
32

#### 33 1. Intersections:

34 a. Keep intersections open to traffic at all times, except when paving or planing operations  
35 through an intersection requires closure. Such closure must be kept to the minimum time  
36 required to place and compact the HMA mixture, or plane as appropriate. For paving,  
37 schedule such closure to individual lanes or portions thereof that allows the traffic volumes  
38 and schedule of traffic volumes required in the approved traffic control plan. Schedule work  
39 so that adjacent intersections are not impacted at the same time and comply with the traffic  
40 control restrictions required by the Traffic Engineer. Each individual intersection closure or  
41 partial closure, must be addressed in the traffic control plan, which must be submitted to  
42 and accepted by the Engineer, see Section 1-10.2(2).

43 b. When planing or paving and related construction must occur in an intersection, consider  
44 scheduling and sequencing such work into quarters of the intersection, or half or more of an  
45 intersection with side street detours. Be prepared to sequence the work to individual lanes  
46 or portions thereof.

- c. Should closure of the intersection in its entirety be necessary, and no trolley service is impacted, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.
- d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
- e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.

2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
3. Permanent pavement marking must comply with Section 8-22.

#### **5-04.3(14)B2 Submittals – Planing Plan and HMA Paving Plan**

The Contractor must submit a separate planing plan and a separate paving plan to the Engineer at least 5 Working Days in advance of each operation's activity start date. These plans must show how the moving operation and traffic control are coordinated, as they will be discussed at the pre-planing briefing and pre-paving briefing. When requested by the Engineer, the Contractor must provide each operation's traffic control plan on 24 x 36 inch or larger size Shop Drawings with a scale showing both the area of operation and sufficient detail of traffic beyond the area of operation where detour traffic may be required. The scale on the Shop Drawings is 1 inch = 20 feet, which may be changed if the Engineer agrees sufficient detail is shown.

The planing operation and the paving operation include, but are not limited to, metal detection, removal of asphalt and temporary asphalt of any kind, tack coat and drying, staging of supply trucks, paving trains, rolling, scheduling, and as may be discussed at the briefing.

When intersections will be partially or totally blocked, provide adequately sized and noticeable signage alerting traffic of closures to come, a minimum 2 Working Days in advance. The traffic control plan must show where police officers will be stationed when signalization is or may be, countermanded, and show areas where flaggers are proposed.

At a minimum, the planing and the paving plan must include:

1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each day's traffic control as it relates to the specific requirements of that day's planing and paving. Briefly describe the sequencing of traffic control consistent with the proposed planing and paving sequence, and scheduling of placement of temporary pavement markings and channelizing devices after each day's planing, and paving.
2. A copy of each intersection's traffic control plan.
3. Haul routes from Supplier facilities, and locations of temporary parking and staging areas, including return routes. Describe the complete round trip as it relates to the sequencing of paving operations.
4. Names and locations of HMA Supplier facilities to be used.
5. List of all equipment to be used for paving.
6. List of personnel and associated job classification assigned to each piece of paving equipment.

- 1 7. Description (geometric or narrative) of the scheduled sequence of planing and of paving,  
2 and intended area of planing and of paving for each day's work, must include the directions  
3 of proposed planing and of proposed paving, sequence of adjacent lane paving, sequence  
4 of skipped lane paving, intersection planing and paving scheduling and sequencing, and  
5 proposed notifications and coordinations to be timely made. The plan must show HMA joints  
6 relative to the final pavement marking lane lines.
- 7 8. Names, job titles, and contact information for field, office, and plant supervisory personnel.
- 8 9. A copy of the approved Mix Designs.
- 9 10. Tonnage of HMA to be placed each day.
- 10 11. Approximate times and days for starting and ending daily operations.

### 12 **5-04.3(14)B3 Pre-Paving and Pre-Planing Briefing**

13 At least 2 Working Days before the first paving operation and the first planing operation, or as  
14 scheduled by the Engineer for future paving and planing operations to ensure the Contractor has  
15 adequately prepared for notifying and coordinating as required in the Contract, the Contractor must  
16 be prepared to discuss that day's operations as they relate to other entities and to public safety and  
17 convenience, including driveway and business access, garbage truck operations, Metro transit  
18 operations and working around energized overhead wires, school and nursing home and hospital  
19 and other accesses, other contractors who may be operating in the area, pedestrian and bicycle  
20 traffic, and emergency services. The Contractor, and Subcontractors that may be part of that day's  
21 operations, must meet with the Engineer and discuss the proposed operation as it relates to the  
22 submitted planing plan and paving plan, approved traffic control plan, and public convenience and  
23 safety. Such discussion includes, but is not limited to:

- 24  
25 1. General for both Paving Plan and for Planing Plan:
  - 26 a. The actual times of starting and ending daily operations.
  - 27 b. In intersections, how to break up the intersection, and address traffic control and  
28 signalization for that operation, including use of peace officers.
  - 29 c. The sequencing and scheduling of paving operations and of planing operations, as  
30 applicable, as it relates to traffic control, to public convenience and safety, and to other  
31 contractors who may operate in the Project Site.
  - 32 d. Notifications required of Contractor activities, and coordinating with other entities and the  
33 public as necessary.
  - 34 e. Description of the sequencing of installation and types of temporary pavement markings  
35 as it relates to planning and to paving.
  - 36 f. Description of the sequencing of installation of, and the removal of, temporary pavement  
37 patch material around exposed castings and as may be needed
  - 38 g. Description of procedures and equipment to identify hidden metal in the pavement, such  
39 as survey monumentation, monitoring wells, street car rail, and castings, before planning,  
40 see Section 5-04.3(14)B2.
  - 41 h. Description of how flaggers will be coordinated with the planing, paving, and related  
42 operations.
  - 43 i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
  - 44 j. Other items the Engineer deems necessary to address.
- 45 2. Paving – additional topics:
  - 46 a. When to start applying tack and coordinating with paving.

- 1 b. Types of equipment and numbers of each type equipment to be used. If more pieces of  
2 equipment than personnel are proposed, describe the sequencing of the personnel  
3 operating the types of equipment. Discuss the continuance of operator personnel for each  
4 type equipment as it relates to meeting Specification requirements.
- 5 c. Number of JMFs to be placed, and if more than one JMF how the Contractor will ensure  
6 different JMFs are distinguished, how pavers and MTVs are distinguished if more than  
7 one JMF is being placed at the time, and how pavers and MTVs are cleaned so that one  
8 JMF does not adversely influence the other JMF.
- 9 d. Description of contingency plans for that day's operations such as equipment breakdown,  
10 rain out, and Supplier shutdown of operations.
- 11 e. Number of sublots to be placed, sequencing of density testing, and other sampling and  
12 testing.  
13

#### 14 **5-04.3(15) Sealing Pavement Surfaces**

15 Apply a fog seal where shown in the plans. Construct the fog seal in accordance with Section 5-  
16 02.3. Unless otherwise approved by the Engineer, apply the fog seal prior to opening to traffic.  
17

#### 18 **5-04.3(16) HMA Road Approaches**

19 HMA approaches shall be constructed at the locations shown in the Plans or where staked by the  
20 Engineer. The Work shall be performed in accordance with Section 5-04.  
21

22 (\*\*\*\*\*)

#### 23 **5-04.4 Measurement**

24 "HMA Class 1/2 In. PG 58H-22" per Ton.  
25  
26

27 (\*\*\*\*\*)

#### 28 **5-04.5 Payment**

29 Payment will be made for each of the following Bid items that are included in the Proposal:  
30

31 "HMA Class 1/2 In. PG 58H-22" per Ton.  
32

33 The unit contract price per ton for "HMA Class 1/2 In. PG 58H-22" shall be full compensation for all  
34 costs, including anti-stripping additive, incurred to carry out the requirements of Section 5-04 except  
35 for those costs included in other items which are included in this Subsection and which are included  
36 in the Proposal.  
37

38 (\*\*\*\*\*)

#### 39 **5-04.5(1) Quality Assurance Price Adjustment**

40  
41 In the event that test results indicate the HMA does not meet specifications, a change order will be  
42 issued for the price adjustments for Quality of HMA Mixture and Quality of HMA Compaction based  
43 upon these specifications.  
44

45 (\*\*\*\*\*)

#### 46 **5-04.5(1)B Price Adjustments for Quality of HMA Compaction**

47  
48 The maximum CPF of a compaction lot is 1.00.  
49

1 For each compaction lot of HMA when the CPF is less than 1.00, a Nonconforming Compaction  
2 Factor (NCCF) will be determined. THE NCCF equals the algebraic difference of CPF minus 1.00  
3 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of the  
4 NCCF, the quantity of HMA in the lot in tons and the unit contract price per ton of the mix.

5  
6 (\*\*\*\*\*)

7 The CPF shall be as follows:

8 <u>Compaction</u>	9 <u>CPF</u>
10	
11 91.0% to 91.9%	95%
12 90.0% to 90.9%	90%
13 89.0% to 89.9%	80%
14 88.0% to 88.9%	75%
15 At or below 87.9%	Mix is removed

16  
17 **DIVISION 8**  
18 **MISCELLANEOUS CONSTRUCTION**  
19

20 **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**

21 **8-01.3(9)A Silt Fence**

22 (\*\*\*\*\*)

23 Section 8-01.3(9)A is supplemented with the following:

24  
25 In areas designated in the Plans for the application of silt fence, or as directed by the Engineer, the  
26 Contractor shall install **high visibility orange colored silt fence**. High visibility orange silt fence shall  
27 meet the requirements of Section 9-33.2(1), Table 6.

28  
29 High visibility silt fence shall be installed with the materials and equipment positioned and working from  
30 outside the sensitive area shown in the Plans or as staked in the field by the Engineer. If silt fence  
31 cannot be installed without intrusion into the sensitive area, hand installation will be required.

32  
33 **8-01.5 Payment**

34 (\*\*\*\*\*)

35 Section 8-01.5 is supplemented with the following:

36  
37 The unit contract price per linear for "High Visibility Silt Fence" shall be full pay for furnishing and installing  
38 the High Visibility Silt Fence as shown in the Standard Plans and Contract Plans, including removal and  
39 disposal of silt fence at an approved disposal site after completion of project or as directed by the Engineer.

40  
41 **8-22, PAVEMENT MARKING**

42 **8-22.1 Description**

43 Section 8-22.1 is revised to read:

44  
45 (\*\*\*\*\*)

46 The Contractor shall apply a double no pass stripe and a fog line for each 11 foot lane as per the  
47 MUTCD and WSDOT Standard Specifications.  
48



1 **8-23, TEMPORARY PAVEMENT MARKINGS**

2 **8-23.4 Measurement**

3 Section 8-23.4 is revised to read:

4  
5 (\*\*\*\*\*)

6 No measurement will be made for Temporary Pavement Markings.

7  
8 **8-23.5 Payment**

9 Section 8-23.5 is revised to read:

10  
11 (\*\*\*\*\*)

12 All costs for furnishing, installing, and maintaining Temporary Pavement Markings shall be  
13 included in the cost of the HMA.

14  
15  
16 **DIVISION 9**  
17 **MATERIALS**

18 (\*\*\*\*\*)

19 **SECTION 9-02, BITUMINOUS MATERIALS**

20  
21 **9-02.1 Asphalt Material, General**

22 The second paragraph is revised to read:

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

32  
33 **9-02.1(4) Performance Graded Asphalt Binder (PGAB)**

34 This section’s title is revised to read:

35  
36 **Performance Graded (PG) Asphalt Binder**

37 The first paragraph is revised to read:

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

45  
46 The second paragraph, including the table, is revised to read:

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

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

2

3

The third paragraph is revised to read:

4

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

5

6

This section is supplemented with the following:

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14

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

15

16

17

18

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

19

## 9-03 AGGREGATES

20

21

### 9-03.8 Aggregates for Hot Mix Asphalt

22

23

24

25

#### 9-03.8 (2) HMA Test Requirements

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

Section 9-03.8(2) is supplemented with the following:

26

27

#### ESAL's

28

29

30

The number of ESAL's for the design and acceptance of the HMA for paving shall be \*\*\* 1\*\*\* million.

31

32

#### 9-03.8(7) HMA Tolerances and Adjustments

33

34

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

Delete item 1 and replace it with the following:

36

37

38

39

1. **Job Mix Formula Tolerances.** After the JMF is determined as required in 5-04.3(7)A, the constituents of the mixture at the time of acceptance shall conform to the following tolerances:

**Nonstatistical**

**Commercial**

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	Evaluation	Evaluation
Aggregate, percent passing		
1", 3/4", 1/2", and 3/8" sieves	±6%	±8%
U.S. No. 4 sieve	±6%	±8%
U.S. No. 8 sieve	±4%	±8%
U.S. No. 16 sieve	±4%	±8%
U.S. No. 30 sieve	±4%	±8%
U.S. No. 50 sieve	±4%	±8%
U.S. No. 100 sieve	±4%	±8%
U.S. No. 200 sieve	±2.0%	±3.0%
Asphalt Binder	±0.5%	±0.7%

VMA	1.5% below minimum value in 9-03.8(2)	
VFA	min. and max. as listed in 9-03.8(2)	
Va	2.5% minimum and 5.5% maximum	

These tolerance limits constitute the allowable limits as described in Section 1-06.2. The tolerance limit for aggregate shall not exceed the limits of the control points section, except the tolerance limits for sieves designated as 100% passing will be 99-100.

**9-03.12(1) Gravel Backfill for Foundations**

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

**9-03.12(1)A Class A**

Section 9-03.8(2) is supplemented with the following:

Gravel Backfill for Foundation Class A shall be Crushed Surfacing Base Course meeting the requirements of Section 9-03.9(3).

**9-03.14(2) Select Borrow**

Section 9-03.14(2) is supplemented with the following:

Select Borrow shall be Crushed Surfacing Base Course meeting the requirements of Section 9-03.9(3).

**POWER EQUIPMENT**

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

The successful bidder will be required to furnish the County a list of all equipment that they anticipate utilizing on this project.

The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder will be required to complete and return with the contract documents. This information will enable hourly rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for Construction Equipment". No payment for any force account work will be allowed until this form has been returned and accepted by the County.

**E-VERIFY**

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

1 “Effective June 21st, 2010, all contracts with a value of  $\geq$  \$100,000 shall require that the awarded  
2 contractor register with the Department of Homeland Security E-Verify program. Contractors shall have  
3 sixty days after the execution of the contract to register and enter into a Memorandum of Understanding  
4 (MOU) with the Department of Homeland Security (DHS) E-Verify program. After completing the MOU  
5 the contractor shall have an additional sixty days to provide a written record on the authorized  
6 employment status of their employees and those of any sub-contractor(s) currently assigned to the  
7 contract. Employees hired during the execution of the contract and after submission of the initial  
8 verification will be verified to the county within 30 days of hire, as reported from the E-Verify program.  
9 The contractor will continue to update the County on all corrective actions required and changes made  
10 during the performance of the contract.”  
11

## 12 **BOND**

13 (\*\*\*\*\*)

14 The Bidder's special attention is directed to the attached bond form, which the successful bidder will be  
15 required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.** The  
16 bond shall be for the full amount of the contract.  
17

## 18 **LEWIS COUNTY ESTIMATES AND PAYMENT POLICY**

19 (\*\*\*\*\*)

20 Payment cutoff shall be the last day of each month, inclusive of that day. On or before the 5th day of  
21 each calendar month during the term of this contract, the Contracting Agency shall prepare monthly  
22 Progress Payments for work completed and material furnished. If the Contractor agrees, the  
23 Contractor will approve the Progress Payment and return the estimate to the Contracting Agency by the  
24 10<sup>th</sup> day of that same calendar month. The Contracting Agency shall prepare a voucher based upon  
25 the approved Progress Payment and payment based thereon shall be due the Contractor near the 10<sup>th</sup>  
26 day of the next calendar month. Material Supply contracts involving delivery of prefabricated material  
27 or stockpile material only (no physical work on Contracting Agency property) may be reimbursed via  
28 Contractor generated invoices upon written approval by the Engineer. Reimbursement by invoice shall  
29 not be subject to late charges listed on the Contractor's standard invoice form.  
30

31 When the Contractor reports the work is completed he/she shall then notify the Contracting Agency.  
32 The Contracting Agency shall inspect the work and report any deficiencies to the Contractor. When the  
33 Contracting Agency is satisfied the work has been completed in accordance with all plans and  
34 specifications, the Contracting Agency shall then accept the work.  
35

36 Upon completion of all work described in this Contract, the Contracting Agency shall prepare a Final  
37 Progress Payment and Final Contract Voucher for approval by the Contractor and processing for final  
38 payment. Release of the Contract Bond will be 60 days following Contracting Agency Final Acceptance  
39 of Contract, provided the conditions of Section 1-03.4 and Section 1-07.2 of these Special Provisions  
40 have been satisfied.  
41

## 42 **APPENDICES**

43 (July 12, 1999)

44 The following appendices are attached and made a part of this contract:  
45

46 \*\*\*\*\* APPENDIX A:

47 Washington State Prevailing Wage Rates

1 Wage Rate Supplement  
2 Wage Rate Benefit Code Key  
3  
4 APPENDIX B:  
5 Federal Contract Provisions  
6  
7 APPENDIX C:  
8 Bid Proposal Documents  
9  
10 APPENDIX D:  
11 Contract Documents  
12  
13 APPENDIX E:  
14 Permit Documents  
15  
16 APPENDIX F:  
17 Standard Plans  
18 Contract Plans \*\*\*\*\*  
19  
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1  
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(January 7, 2019)

## **STANDARD PLANS**

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 16-048, effective August 6, 2018 is made a part of this contract.

The Standard Plans are revised as follows:

### A-40.10

Section View, PCCP to HMA Longitudinal Joint, callout, was – “Sawed Groove ~ Width 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1” (IN) MIN. ~ see Std. Spec. 5-04.3(12)B” is revised to read; “Sawed Groove ~ Width 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1” (IN) MIN. ~ see Std. Spec. Section 5-04.3(12)A2”

Section View, Transverse Contraction Joint, dimension, was – “D/4” is revised to read: “D/3 to D/4”

### A-50.10

Sheet 2 of 2, Plan, with Single Slope Barrier, reference C-14a is revised to C-70.10

### A-50.20

Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10

### A-50.30

Sheet 2 of 2, Plan (top), reference C-14a is revised to C-70.1

### B-10.60

DELETED

### B-82.20

DELETED

### B-90.40

Valve Detail - DELETED

### C-2C

CASE 9A (typical of 2 callouts): The dimensions were “3'-0” MIN. ~ TO FACE OF GUARDRAIL”. are now revised to read “5'-0” MIN ~ TO FACE OF GUARDRAIL”.

### C-4b

DELETED

### C-4e

DELETED

### C-4f

Sheet 1, BULLNOSE GRADING PLAN: Slopes shall be not steeper than 10H:1V for the bullnose guardrail system including slopes into the guardrail face to 1 foot behind the guardrail post.

Sheet 2, POST 1R & 1L, 2R & 2L, 3R TO 8R and 3L TO 8L, 9R TO 12 R and 9L TO 12L elevation view details: Slopes into the guardrail face to 1 foot behind the guardrail post shall not be steeper than 10H:1V.

Sheet 3, SECTION B, callout – was: “THE NUT SHALL BE ASTM A563D STEEL, AND GALVANIZED ACCORDING TO STANDARD SPEC. 9-16.3(3).” Is revised to read: “THE NUT SHALL BE ASTM A307 STEEL, AND GALVANIZED ACCORDING TO STANDARD SPEC. 9-16.3(3).”

#### C-20.14

CASE 3-31: The dimension was “5'-0” MIN” from the back of guardrail to the center of railroad signal support is now revised to “5'-0” MIN” from face of guardrail to the front edge of the railroad signal support.

Note 3, was – “The slope from the edge of the shoulder into the face of the guardrail cannot exceed 10H : 1V when the face of the guardrail is less than 12' – 0” from the edge of the shoulder.” is revised to read: “The slope from the edge of the shoulder into the face of the guardrail cannot be steeper than 10H : 1V when the face of the guardrail is less than 12' – 0” from the edge of the shoulder. The slope from the edge of the shoulder into the face of the guardrail cannot be steeper than 6H : 1V when the guardrail is 12' – 0” or more from the edge of the shoulder.”

#### C-20.18

ALL CASES: The dimensions were “3'-0” MIN” from the face of guardrail to the front edge of the fixed feature are now revised to “5'-0” MIN” from the face of guardrail to the front edge of the fixed feature.

Note 1, was – “The slope from the edge of the shoulder into the face of the guardrail should not exceed 10H : 1V when the guardrail is within 12' – 0” from the edge of the shoulder.” Is revised to read: “The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 10H : 1V when the guardrail is less than 12' – 0” from the edge of the shoulder. The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 6H : 1V when the guardrail is 12' – 0” or more from the edge of shoulder.”

#### C-22.14

DELETED

#### C-22.16

Note 3, formula, was: “Elevation G = (Elevation S – D x (0.1) + 31” is revised to read: “Elevation G = (Elevation S – D x (0.1) + 31/12”

#### C-22.40

PLAN VIEW, MSKT-SP-MGS (TL-3) SHOWN: The dimension was “4'-0” MIN” from the face of the terminal to the edge of the widened embankment is now revised to “4'-0” MIN” from the back of the terminal post to the edge of the widened embankment.

Elevation View, MSKT-SP-MGS (TL-3), dimension, MSKT-SP-MGS (TL-3) SYSTEM LENGTH = 50' – 0” , dimension is revised to read: 46' – 10 1/2”



Elevation View, SOFTSTOP (TL-3), dimension, SOFTSTOP (TL-3) SYSTEM  
LENGTH = 50' – 9 1/2", dimension is revised to read: 50' – 10 1/2"

Note 6, was – "...a maximum taper of 25.4 : 1 or flatter is allowed over the system length of 50' – 9 1/2" with a maximum..." is revised to read: "...a maximum taper of 25.44 : 1 or flatter is allowed over the system length of 50' – 10 1/2" with a maximum..."

#### C-22.45

PLAN VIEW, MSKT-SP-MGS (TL-2) SHOWN: The dimension was "4'-0" MIN" from the face of the terminal to the edge of the widened embankment is now revised to "4'-0" MIN" from the back of the terminal post to the edge of the widened embankment.

Elevation View, MSKT-SP-MGS (TL-2), dimension, MSKT-SP-MGS (TL-2) SYSTEM  
LENGTH = 25' – 0", dimension is revised to read 34' – 4 1/2"

Elevation View, SOFTSTOP (TL-2), dimension, SOFTSTOP (TL-2) SYSTEM  
LENGTH = 38' – 3 1/2", dimension is revised to read 38' – 4 1/2"

Note 6, was – "...flare of 38.29 : 1 or flatter is allowed over the system length of 38' – 3 1/2" with a maximum..." is revised to read: "...flare of 38.38 : 1 or flatter is allowed over the system length of 38' – 4 1/2" with a maximum..."

#### C-25.26

Elevation View, TYPE 23: The guardrail height dimension was 2'-8" from the top of the thrie beam to the top of the bridge curb is now revised to 2'-8" from the top of the thrie beam to the top of the ground line.

#### C-25.80

Plan View, callout, was – "12" (IN) BLOCKOUT" is revised to read; "12" (IN) or 8" (IN) BLOCKOUT (12" (IN) SHOWN)"

Elevation View, add labels to posts (below view); beginning at left side of view – Label Posts as follows; POST 1, POST 2 through POST 6".

General Notes, add Note 6. Note reads as follows; "6. Post 1 shall use an 8 inch blockout, and posts 2 through post 6 shall use 12 inch or 8 inch blockouts."

#### C-40.14

DELETED

#### C-90.10

DELETED

#### D-10.10

Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions stated in the 11/3/15 Bridge Design memorandum.

#### D-10.15

Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

#### D-10.20

Wall Type 3 may be used in all cases. The last sentence of Note 6 on Wall Type 3 shall be revised to read: The seismic design of these walls has been completed using a site adjusted (effective) peak ground acceleration of 0.32g.

#### D-10.25

Wall Type 4 may be used in all cases. The last sentence of Note 6 on Wall Type 4 shall be revised to read: The seismic design of these walls has been completed using a site adjusted (effective) peak ground acceleration of 0.32g.

#### D-10.30

Wall Type 5 may be used in all cases.

#### D-10.35

Wall Type 6 may be used in all cases.

#### D-10.40

Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

#### D-10.45

Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the revisions stated in the 11/3/15 Bridge Design memorandum.

#### D-15.10

STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

#### D-15.20

STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

#### D-15.30

STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

F-10.12

Section Title, was – “Depressed Curb Section” is revised to read: “Depressed Curb and Gutter Section”

F-10.40

“EXTRUDED CURB AT CUT SLOPE”, Section detail - Deleted

F-10.42

DELETE – “Extruded Curb at Cut Slope” View

H-70.20

Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is revised to H-70.10

I-30.30

8” Diameter Wattle Spacing Table, lower left corner, was –“Slope:1H : 1V, Maximum Spacing:10’ – 0”” is revised to read: “Slope:1H : 1V, Maximum Spacing:8’ – 0””.

J-10.21

Note 18, was – “When service cabinet is installed within right of way fence, see Standard Plan J-10.22 for details.” Is revised to read; “When service cabinet is installed within right of way fence, or the meter base is mounted on the exterior of the cabinet, see Standard Plan J-10.22 for details.”

J-10.22

Key Note 1, was – “Meter base per serving utility requirements~ as a minimum, the meter base shall be safety socket box with factory-installed test bypass facility that meets the requirements of EUSERC drawing 305.” Is revised to read; “Meter base per serving utility requirements~ as a minimum, the meter base shall be safety socket box with factory-installed test bypass facility that meets the requirements of EUSERC drawing 305. When the utility requires meter base to be mounted on the side or back of the service cabinet, the meter base enclosure shall be fabricated from type 304 stainless steel.”

Key Note 4, “Test with (SPDT Snap Action, Positive close 15 Amp – 120/277 volt “T” rated). Is revised to read: “Test Switch (SPDT snap action, positive close 15 amp – 120/277 volt “T” rated).”

Key Note 14, was – “Hinged dead front with ¼ turn fasteners or slide latch.” Is revised to read; “Hinged dead front with ¼ turn fasteners or slide latch. ~ Dead front panel bolts shall not extend into the vertical limits of the breaker array(s).”

Key Note 15, was – “Cabinet Main Bonding Jumper. Buss shall be 4 lug tinned copper. See Cabinet Main bonding Jumper detail, Standard Plan J-3b.” is revised to read; “Cabinet Main Bonding Jumper Assembly ~ Buss shall be 4 lug tinned copper ~ See Standard Plan J-10.20 for Cabinet Main Bonding Jumper Assembly details.”

Note 1, was – “...socket box mounting detail, see Standard Plan J-3b.” is revised to read to read: “...socket box mounting detail, see Standard Plan J-10.20.”

Note 6, was – “...See door hinge detail, Standard Plan J-3b.” is revised to read: “...See door hinge detail, Standard Plan J-10.20.”

J-20.10

Add Note 5, "5. One accessible pedestrian signal assembly per pedestrian pushbutton post."

J-20.11

Sheet 2, Foundation Detail, Elevation, callout – "Type 1 Signal Pole" is revised to read: "Type PS or Type 1 Signal Pole"

Sheet 2, Foundation Detail, Elevation, add note below Title, "(Type 1 Signal Pole Shown)"

Add Note 6, "6. One accessible pedestrian signal assembly per pedestrian pushbutton post."

J-20.26

Add Note 1, "1. One accessible pedestrian pushbutton station per pedestrian pushbutton post."

J-20.16

View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE

J-21.10

Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO READ: "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ FOUR REQ'D. PER ASSEMBLY"

Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR.. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Detail F, callout, "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 3)" is revised to read; "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 1)"

Detail F, callout, "3/4" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Four Required (See Note 4)" is revised to read; "3/4" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Three Required (See Note 2)"

J-21.15

Partial View, callout, was – LOCK NIPPLE ~ 1 1/2" DIAM., is revised to read; CHASE NIPPLE ~ 1 1/2" (IN) DIAM.

J-21.16

Detail A, callout, was – LOCKNIPPLE, is revised to read; CHASE NIPPLE

J-22.15

Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"  
(2x) Detail A, callout, was – LOCK NIPPLE ~ 1 ½" DIAM. is revised to read; CHASE NIPPLE ~  
1 ½" (IN) DIAM.

J-40.10

Sheet 2 of 2, Detail F, callout, "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT  
WASHER" is revised to read; "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 1/2" (IN) S. S.  
FLAT WASHER"

J-60.14

All references to J-16b (6x) are revised to read; J-60.11

K-80.30

In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-  
80.35  
Plan Title, was "ALTERNATIVE TEMPORARY CONC. BARRIER (F-SHAPE)" is revised to read:  
"CONCRETE BARRIER TYPE F"

The following are the Standard Plan numbers applicable at the time this project was advertised.  
The date shown with each plan number is the publication approval date shown in the lower right-  
hand corner of that plan. Standard Plans showing different dates shall not be used in this  
contract.

A-10.10-00.....8/7/07	A-40.00-00.....8/11/09	A-50.30-00.....11/17/08
A-10.20-00.....10/5/07	A-40.10-03.....12/23/14	A-50.40-00.....11/17/08
A-10.30-00.....10/5/07	A-40.15-00.....8/11/09	A-60.10-03.....12/23/14
A-20.10-00.....8/31/07	A-40.20-04.....1/18/17	A-60.20-03.....12/23/14
A-30.10-00.....11/8/07	A-40.50-02.....12/23/14	A-60.30-01.....6/28/18
A-30.30-01.....6/16/11	A-50.10-00.....11/17/08	A-60.40-00.....8/31/07
A-30.35-00.....10/12/07	A-50.20-01.....9/22/09	
B-5.20-02.....1/26/17	B-30.50-03.....2/27/18	B-75.20-02.....2/27/18
B-5.40-02.....1/26/17	B-30.70-04.....2/27/18	B-75.50-01.....6/10/08
B-5.60-02.....1/26/17	B-30.80-01.....2/27/18	B-75.60-00.....6/8/06
B-10.20-02.....3/2/18	B-30.90-02.....1/26/17	B-80.20-00.....6/8/06
B-10.40-01.....1/26/17	B-35.20-00.....6/8/06	B-80.40-00.....6/1/06
B-10.70-00.....1/26/17	B-35.40-00.....6/8/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-40.20-00.....6/1/06	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-40.40-02.....1/26/17	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-45.20-01.....7/11/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-45.40-01.....7/21/17	B-85.50-01.....6/10/08
B-20.40-04.....2/27/18	B-50.20-00.....6/1/06	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-55.20-02.....2/27/18	B-90.20-00.....6/8/06
B-25.20-02.....2/27/18	B-60.20-01.....6/28/18	B-90.30-00.....6/8/06
B-25.60-02.....2/27/18	B-60.40-01.....2/27/18	B-90.40-01.....1/26/17
B-30.10-03.....2/27/18	B-65.20-01.....4/26/12	B-90.50-00.....6/8/06
B-30.15-00.....2/27/18	B-65.40-00.....6/1/06	B-95.20-01.....2/3/09

B-30.20-04.....2/27/18      B-70.20-00.....6/1/06      B-95.40-01.....6/28/18  
 B-30.30-03.....2/27/18      B-70.60-01.....1/26/17  
 B-30.40-03.....2/27/18

C-1.....6/28/18      C-20.15-02.....6/11/14      C-40.18-03.....7/21/17  
 C-1a.....7/14/15      C-20.18-02.....6/11/14      C-70.10-01.....6/17/14  
 C-1b.....7/14/15      C-20.19-02.....6/11/14      C-75.10-01.....6/11/14  
 C-1d.....10/31/03      C-20.40-06.....7/21/17      C-75.20-01.....6/11/14  
 C-2c.....6/21/06      C-20.41-01.....7/14/15      C-75.30-01.....6/11/14  
 C-4f.....7/2/12      C-20.42-05.....7/14/15      C-80.10-01.....6/11/14  
 C-6a.....10/14/09      C-20.45.01.....7/2/12      C-80.20-01.....6/11/14  
 C-7.....6/16/11      C-22.16-06.....7/21/17      C-80.30-01.....6/11/14  
 C-7a.....6/16/11      C-22.40-06.....7/21/17      C-80.40-01.....6/11/14  
 C-8.....2/10/09      C-22.45-03.....7/21/17      C-80.50-00.....4/8/12  
 C-8a.....7/25/97      C-23.60-04.....7/21/17      C-85.10-00.....4/8/12  
 C-8b.....2/29/16      C.24.10-01.....6/11/14      C-85.11-00.....4/8/12  
 C-8e.....2/21/07      C-25.20-06.....7/14/15      C-85.14-01.....6/11/14  
 C-8f.....6/30/04      C-25.22-05.....7/14/15      C-85.15-01.....6/30/14  
 C-16a.....7/21/17      C-25.26-03.....7/14/15      C-85.16-01.....6/17/14  
 C-20.10-04.....7/21/17      C-25.30-00.....6/28/18      C-85.18-01.....6/11/14  
 C-20.11-00.....7/21/17      C-25.80-04.....7/15/16      C-85.20-01.....6/11/14  
 C-20.14-03.....6/11/14      C-40.16-02.....7/2/12

D-2.04-00.....11/10/05      D-2.48-00.....11/10/05      D-3.17-02.....5/9/16  
 D-2.06-01.....1/6/09      D-2.64-01.....1/6/09      D-4.....12/11/98  
 D-2.08-00.....11/10/05      D-2.66-00.....11/10/05      D-6.....6/19/98  
 D-2.14-00.....11/10/05      D-2.68-00.....11/10/05      D-10.10-01.....12/2/08  
 D-2.16-00.....11/10/05      D-2.80-00.....11/10/05      D-10.15-01.....12/2/08  
 D-2.18-00.....11/10/05      D-2.82-00.....11/10/05      D-10.20-00.....7/8/08  
 D-2.20-00.....11/10/05      D-2.84-00.....11/10/05      D-10.25-00.....7/8/08  
 D-2.32-00.....11/10/05      D-2.86-00.....11/10/05      D-10.30-00.....7/8/08  
 D-2.34-01.....1/6/09      D-2.88-00.....11/10/05      D-10.35-00.....7/8/08  
 D-2.36-03.....6/11/14      D-2.92-00.....11/10/05      D-10.40-01.....12/2/08  
 D-2.42-00.....11/10/05      D-3.09-00.....5/17/12      D-10.45-01.....12/2/08  
 D-2.44-00.....11/10/05      D-3.10-01.....5/29/13      D-15.10-01.....12/2/08  
 D-2.60-00.....11/10/05      D-3.11-03.....6/11/14      D-15.20-03.....5/9/16  
 D-2.62-00.....11/10/05      D-3.15-02.....6/10/13      D-15.30-01.....12/02/08  
 D-2.46-01.....6/11/14      D-3.16-02.....5/29/13

E-1.....2/21/07      E-4.....8/27/03  
 E-2.....5/29/98      E-4a.....8/27/03

F-10.12-03.....6/11/14      F-10.62-02.....4/22/14      F-40.15-03.....6/29/16  
 F-10.16-00.....12/20/06      F-10.64-03.....4/22/14      F-40.16-03.....6/29/16  
 F-10.18-01.....7/11/17      F-30.10-03.....6/11/14      F-45.10-02.....7/15/16  
 F-10.40-03.....6/29/16      F-40.12-03.....6/29/16      F-80.10-04.....7/15/16  
 F-10.42-00.....1/23/07      F-40.14-03.....6/29/16

G-10.10-00.....9/20/07	G-25.10-04.....6/10/13	G-90.10-03.....7/11/17
G-20.10-02.....6/23/15	G-30.10-04.....6/23/15	G-90.11-00.....4/28/16
G-22.10-04.....6/28/18	G-50.10-03.....6/28/18	G-90.20-05.....7/11/17
G-24.10-00.....11/8/07	G-60.10-04.....6/28/18	G-90.30-04.....7/11/17
G-24.20-01.....2/7/12	G-60.20-02.....6/18/15	G-90.40-02.....4/28/16
G-24.30-02.....6/28/18	G-60.30-02.....6/18/15	G-95.10-02.....6/28/18
G-24.40-07.....6/28/18	G-70.10-03.....6/18/15	G-95.20-03.....6/28/18
G-24.50-04.....7/11/17	G-70.20-04.....7/21/17	G-95.30-03.....6/28/18
G-24.60-05.....6/28/18	G-70.30-04.....7/21/17	

H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-01.....2/7/12
H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-01.....2/16/12
H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	H-70.30-02.....2/7/12

I-10.10-01.....8/11/09	I-30.20-00.....9/20/07	I-40.20-00.....9/20/07
I-30.10-02.....3/22/13	I-30.30-01.....6/10/13	I-50.20-01.....6/10/13
I-30.15-02.....3/22/13	I-30.40-01.....6/10/13	I-60.10-01.....6/10/13
I-30.16-00.....3/22/13	I-30.60-01.....3/7/18	I-60.20-01.....6/10/13
I-30.17-00.....3/22/13	I-40.10-00.....9/20/07	I-80.10-02.....7/15/16

J-10.....7/18/97	J-28.22-00.....8/07/07	J-50.25-00.....6/3/11
J-10.10-03.....6/3/15	J-28.24-01.....6/3/15	J-50.30-00.....6/3/11
J-10.15-01.....6/11/14	J-28.26-01.....12/02/08	J-60.05-01.....7/21/16
J-10.16-00.....6/3/15	J-28.30-03.....6/11/14	J-60.11-00.....5/20/13
J-10.17-00.....6/3/15	J-28.40-02.....6/11/14	J-60.12-00.....5/20/13
J-10.18-00.....6/3/15	J-28.42-01.....6/11/14	J-60.13-00.....6/16/10
J-10.20-01.....6/1/16	J-28.43-01.....6/28/18	J-60.14-00.....6/16/10
J-10.21-00.....6/3/15	J-28.45-03.....7/21/16	J-75.10-02.....7/10/15
J-10.22-00.....5/29/13	J-28.50-03.....7/21/16	J-75.20-01.....7/10/15
J-10.25-00.....7/11/17	J-28.60-02.....7/21/16	J-75.30-02.....7/10/15
J-12.15-00.....6/28/18	J-28.70-03.....7/21/17	J-75.40-02.....6/1/16
J-12.16-00.....6/28/18	J-29.10-01.....7/21/16	J-75.41-01.....6/29/16
J-15.10-01.....6/11/14	J-29.15-01.....7/21/16	J-75.45-02.....6/1/16
J-15.15-02.....7/10/15	J-29.16-02.....7/21/16	J-80.10-00.....6/28/18
J-20.10-03.....6/30/14	J-30.10-00.....6/18/15	J-80.15-00.....6/28/18
J-20.11-02.....6/30/14	J-40.05-00.....7/21/16	J-81.10-00.....6/28/18
J-20.15-03.....6/30/14	J-40.10-04.....4/28/16	J-86.10-00.....6/28/18
J-20.16-02.....6/30/14	J-40.20-03.....4/28/16	J-90.10-03.....6/28/18
J-20.20-02.....5/20/13	J-40.30-04.....4/28/16	J-90.20-03.....6/28/18
J-20.26-01.....7/12/12	J-40.35-01.....5/29/13	J-90.21-02.....6/28/18
J-21.10-04.....6/30/14	J-40.36-02.....7/21/17	J-90.50-00.....6/28/18
J-21.15-01.....6/10/13	J-40.37-02.....7/21/17	
J-21.16-01.....6/10/13	J-40.38-01.....5/20/13	
J-21.17-01.....6/10/13	J-40.39-00.....5/20/13	
J-21.20-01.....6/10/13	J-40.40-01.....4/28/16	
J-22.15-02.....7/10/15	J-45.36-00.....7/21/17	
J-22.16-03.....7/10/15	J-50.05-00.....7/21/17	
J-26.10-03.....7/21/16	J-50.10-00.....6/3/11	

J-26.15-01.....5/17/12	J-50.11-01.....7/21/17
J-26.20-01.....6/28/18	J-50.12-01.....7/21/17
J-27.10-01.....7/21/16	J-50.15-01.....7/21/17
J-27.15-00.....3/15/12	J-50.16-01.....3/22/13
J-28.10-01.....5/11/11	J-50.20-00.....6/3/11

K-70.20-01.....6/1/16  
 K-80.10-01.....6/1/16  
 K-80.20-00.....12/20/06  
 K-80.30-00.....2/21/07  
 K-80.35-00.....2/21/07  
 K-80.37-00.....2/21/07

L-10.10-02.....6/21/12	L-40.10-02.....6/21/12	L-70.10-01.....5/21/08
L-20.10-03.....7/14/15	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08
L-30.10-02.....6/11/14	L-40.20-02.....6/21/12	

M-1.20-03.....6/24/14	M-12.10-01.....6/28/18	M-40.10-03.....6/24/14
M-1.40-02.....6/3/11	M-15.10-01.....2/6/07	M-40.20-00...10/12/07
M-1.60-02.....6/3/11	M-17.10-02.....7/3/08	M-40.30-01.....7/11/17
M-1.80-03.....6/3/11	M-20.10-02.....6/3/11	M-40.40-00.....9/20/07
M-2.20-03.....7/10/15	M-20.20-02.....4/20/15	M-40.50-00.....9/20/07
M-2.21-00.....7/10/15	M-20.30-04.....2/29/16	M-40.60-00.....9/20/07
M-3.10-03.....6/3/11	M-20.40-03.....6/24/14	M-60.10-01.....6/3/11
M-3.20-02.....6/3/11	M-20.50-02.....6/3/11	M-60.20-02.....6/27/11
M-3.30-03.....6/3/11	M-24.20-02.....4/20/15	M-65.10-02.....5/11/11
M-3.40-03.....6/3/11	M-24.40-02.....4/20/15	M-80.10-01.....6/3/11
M-3.50-02.....6/3/11	M-24.50-00.....6/16/11	M-80.20-00.....6/10/08
M-5.10-02.....6/3/11	M-24.60-04.....6/24/14	M-80.30-00.....6/10/08
M-7.50-01.....1/30/07	M-24.65-00.....7/11/17	
M-9.50-02.....6/24/14	M-24.66-00.....7/11/17	
M-9.60-00.....2/10/09		
M-11.10-02.....7/11/17		



# **APPENDIX A**

## **WASHINGTON STATE PREVAILING WAGE RATES**

### **INCLUDING:**

**State Wage Rates**

**Wage Rate Supplements**

**Wage Rate Benefit Codes**



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: 7/1/2019

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$46.57	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Boilermakers</a>	Journey Level	\$66.54	<u>5N</u>	<u>1C</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Pointer-Caulker-Cleaner	\$57.32	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Janitor	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Shampooer	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Waxer	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Window Cleaner	\$13.22		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$23.17		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Acoustical Worker	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Bridge, Dock And Wharf Carpenters	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenter	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenters on Stationary Tools	\$60.17	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Creosoted Material	\$60.14	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Finisher	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Layer	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Scaffold Erector	\$60.04	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Journey Level	\$60.07	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$113.60	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$76.33	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver	\$113.60	<u>5D</u>	<u>4C</u>	<u>8V</u>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$71.33	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$64.71	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$64.71	<u>5D</u>	<u>4C</u>		<a href="#">View</a>

Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$69.71	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$64.71	<u>5D</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$60.29	<u>5A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Engineer Welder	\$57.51	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$58.67	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Mates	\$56.44	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Oiler	\$56.00	<u>5D</u>	<u>3F</u>		<a href="#">View</a>
Lewis	<a href="#">Drywall Applicator</a>	Journey Level	\$58.48	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Drywall Tapers</a>	Journey Level	\$59.32	<u>5P</u>	<u>1E</u>		<a href="#">View</a>
Lewis	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Cable Splicer	\$71.81	<u>5C</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Journey Level	\$67.31	<u>5C</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Lead Covered Cable Splicer	\$76.31	<u>5C</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Welder	\$71.81	<u>5C</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.37		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$14.69		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$79.60	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$72.98	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$47.94	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$72.98	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$72.98	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$62.06	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$47.94	<u>5A</u>	<u>4D</u>	<u>8W</u>	<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$72.98	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$54.55	<u>5A</u>	<u>4D</u>		<a href="#">View</a>
Lewis	<a href="#">Electronic Technicians</a>	Journey Level	\$43.19	<u>6Z</u>	<u>1B</u>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic	\$94.22	<u>7D</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$101.73	<u>7D</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level - In-Factory Work Only	\$13.50		<u>1</u>		<a href="#">View</a>

Lewis	<a href="#">Fence Erectors</a>	Fence Erector	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Fence Erectors</a>	Fence Laborer	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Flaggers</a>	Journey Level	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Glaziers</a>	Journey Level	\$64.56	<a href="#">7L</a>	<a href="#">1Y</a>	<a href="#">View</a>
Lewis	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journeyman	\$73.58	<a href="#">5J</a>	<a href="#">4H</a>	<a href="#">View</a>
Lewis	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$82.51	<a href="#">7F</a>	<a href="#">1E</a>	<a href="#">View</a>
Lewis	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$12.00		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>	<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$12.00		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$12.00		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$12.78		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$12.00		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$12.00		<a href="#">1</a>	<a href="#">View</a>
Lewis	<a href="#">Insulation Applicators</a>	Journey Level	\$60.04	<a href="#">5D</a>	<a href="#">4C</a>	<a href="#">View</a>
Lewis	<a href="#">Ironworkers</a>	Journeyman	\$70.68	<a href="#">7N</a>	<a href="#">1O</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Airtrac Drill Operator	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ballast Regular Machine	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Batch Weighman	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brick Pavers	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Cutter	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Hog Feeder	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Burner	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Caisson Worker	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Carpenter Tender	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Caulker	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Dumper-paving	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Finisher Tender	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Change House Or Dry	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>

		Shack				
Lewis	<a href="#">Laborers</a>	Chipping Gun (under 30 Lbs.)	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chipping Gun(30 Lbs. And Over)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Choker Setter	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chuck Tender	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clary Power Spreader	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clean-up Laborer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Dumper/chute Operator	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Form Stripper	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Placement Crew	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Saw Operator/core Driller	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Crusher Feeder	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Curing Laborer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (incl. Charred Material)	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ditch Digger	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Diver	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Drill Operator (hydraulic,diamond)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dry Stack Walls	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dump Person	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Epoxy Technician	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Erosion Control Worker	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Fine Graders	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Firewatch	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Form Setter	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Gabian Basket Builders	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	General Laborer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grinders	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grout Machine Tender	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Groutmen (pressure)including Post Tension Beams	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Guardrail Erector	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (level A)	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (level B)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (level C)	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>

Lewis	<a href="#">Laborers</a>	High Scaler	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Jackhammer	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Laserbeam Operator	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Maintenance Person	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Manhole Builder-mudman	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Material Yard Person	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Motorman-dinky Locomotive	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Nozzleman (concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Guniting, Shotcrete, Water Bla	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pavement Breaker	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pilot Car	\$41.45	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer Lead	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer/tailor	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Pot Tender	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Reliner	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Wrapper	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pot Tender	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman's Helper	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Power Jacks	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Raker - Asphalt	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Re-timberman	\$50.42	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Remote Equipment Operator	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rigger/signal Person	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rip Rap Person	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rivet Buster	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rodder	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scaffold Erector	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scale Person	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper (over 20")	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper Sprayer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Spreader (concrete)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stake Hopper	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stock Piler	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper (multiple & Self- propelled)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Timber Person - Sewer (lagger, Shorer & Cribber)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">View</a>

Lewis	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Topper	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Laborer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Liner (power)	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Laborer	\$44.33	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8R</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Supervisor	\$44.33	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8R</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Truck Spotter	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tugger Operator	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 0-30 psi	\$107.60	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$112.63	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$116.31	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$122.01	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$124.13	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$129.23	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$131.13	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$133.13	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$135.13	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$50.52	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Miner	\$50.52	<a href="#">7A</a>	<a href="#">3I</a>	<a href="#">8Q</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vibrator	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vinyl Seamer	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Watchman	\$37.67	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Welder	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Well Point Laborer	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Window Washer/cleaner	\$37.67	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$48.90	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$49.81	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Laborer	\$37.67	<a href="#">7A</a>	<a href="#">3I</a>		<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Operator	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$12.00		1		<a href="#">View</a>



Lewis	<a href="#">Lathers</a>	Journey Level	\$58.48	<u>5D</u>	<u>1H</u>	<a href="#">View</a>
Lewis	<a href="#">Marble Setters</a>	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$15.16		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Painter	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$15.16		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Millwright</a>	Journey Level	\$61.54	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Cabinet Assembly	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Electrician	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Equipment Maintenance	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Plumber	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Production Worker	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Tool Maintenance	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Utility Person	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Welder	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Painters</a>	Journey Level	\$42.50	<u>6Z</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Crew Tender/Technician	\$64.71	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 0- 30.00 PSI	\$74.87	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$79.87	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$83.87	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$88.87	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$91.37	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$96.37	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$98.37	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$100.37	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$102.37	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Journey Level	\$60.29	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Manifold Operator (LST)	\$69.71	<u>5D</u>	<u>4C</u>	<a href="#">View</a>
Lewis	<a href="#">Plasterers</a>	Journey Level	\$56.54	<u>7Q</u>	<u>1R</u>	<a href="#">View</a>
Lewis	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$71.42	<u>5A</u>	<u>1G</u>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operator	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Assistant Engineers	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: Concrete	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bobcat	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Brooms	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cableways	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Chipper	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Compressor	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - laser Screed	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Conveyors	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$65.70	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: A-frame - 10 Tons And Under	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$65.70	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Crusher	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Deck Engineer/deck Winches (power)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Elevator And Man-lift: Permanent And Shaft Type	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklift: 3000 Lbs And Over With Attachments	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklifts: Under 3000 Lbs. With Attachments	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Gradechecker/stakeman	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Guardrail punch/Auger	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Locator	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Operator	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead 8 Yards. & Over	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Motor patrol graders	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 100 Tons And Over	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Power Plant	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quad 9, HD 41, D10 And Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger And Bellman	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman (Certified)	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rollagon	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete &	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

		Carry All					
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Service Engineers - Equipment	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shotcrete/gunite Equipment	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Spreader, Toppers & Screedman	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower crane over 175' through 250' in height, base to boom	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Crane Up: To 175' In Height, Base To Boom	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver Under 100 Tons	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Welder	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Asphalt Plant Operator	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Assistant Engineers	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground</a>	Barrier Machine (zipper)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Batch Plant Operator: Concrete	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bobcat	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brooms	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bump Cutter	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableways	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Chipper	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressor	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Finish Machine - laser Screed	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyors	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$65.70	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$65.70	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: A-frame - 10 Tons And Under	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$65.70	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer/deck Winches (power)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks, On Building Work	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Machine	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator And Man-lift: Permanent And Shaft Type	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklift: 3000 Lbs And Over With Attachments	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklifts: Under 3000 Lbs. With Attachments	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment</a>	Gradechecker/stakeman	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Operators- Underground Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Guardrail punch/Auger	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Locator	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Operator	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/Boom Trucks Over 10 Tons	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead 8 Yards. & Over	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotives, All	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Material Transfer Device	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Motor patrol graders	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>



Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 100 Tons And Over	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pavement Breaker	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pile Driver (other Than Crane Mount)	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Power Plant	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pumps - Water	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quad 9, HD 41, D10 And Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger And Bellman	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman (Certified)	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollagon	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment</a>	Roller, Plant Mix Or Multi-	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Operators- Underground Sewer &amp; Water</a>	lift Materials					
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Saws - Concrete	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers, Self-propelled: 45 Yards And Over	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Service Engineers - Equipment	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shotcrete/gunite Equipment	\$59.98	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Slipform Pavers	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader, Toppers & Screedman	\$63.76	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$63.20	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$62.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower crane over 175' through 250' in height, base to boom	\$65.06	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Crane: Up To 175' In Height, Base To Boom	\$64.41	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$63.76	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines	\$62.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$63.20	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver Under 100 Tons	\$62.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$63.20	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Welder	\$63.76	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$59.98	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$63.20	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$49.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$47.37	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$49.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$44.57	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$33.60	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$70.71	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Brick Mason</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Carpenters</a>	Journey Level	\$24.89		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Cement Masons</a>	Journey Level	\$16.79		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$36.07		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$24.48		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Electricians</a>	Journey Level	\$34.53	<u>5A</u>	<u>1B</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Glaziers</a>	Journey Level	\$25.40		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$17.05		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Laborers</a>	Journey Level	\$23.10		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Marble Setters</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Painters</a>	Journey Level	\$18.76		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$26.35		<u>1</u>		<a href="#">View</a>

Lewis	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$32.14		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$33.28		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$14.86		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$20.28		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Stone Masons</a>	Journey Level	\$21.96		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$14.86		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$14.86		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Residential Tile Setters</a>	Journey Level	\$14.86		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Roofers</a>	Journey Level	\$52.87	<u>5A</u>	<u>20</u>	<a href="#">View</a>
Lewis	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$55.87	<u>5A</u>	<u>20</u>	<a href="#">View</a>
Lewis	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$82.51	<u>7F</u>	<u>1E</u>	<a href="#">View</a>
Lewis	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$18.04		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$48.90	<u>7A</u>	<u>3I</u>	<a href="#">View</a>
Lewis	<a href="#">Soft Floor Layers</a>	Journey Level	\$49.43	<u>5A</u>	<u>3J</u>	<a href="#">View</a>
Lewis	<a href="#">Solar Controls For Windows</a>	Journey Level	\$12.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$61.68	<u>7J</u>	<u>1R</u>	<a href="#">View</a>
Lewis	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$13.23		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Stone Masons</a>	Journey Level	\$57.32	<u>5A</u>	<u>1M</u>	<a href="#">View</a>
Lewis	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$16.00		<u>1</u>	<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Chain Person	\$62.14	<u>7A</u>	<u>3K</u>	<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Instrument Person	\$62.71	<u>7A</u>	<u>3K</u>	<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Party Chief	\$63.76	<u>7A</u>	<u>3K</u>	<a href="#">View</a>
Lewis	<a href="#">Telecommunication Technicians</a>	Journey Level	\$43.19	<u>6Z</u>	<u>1B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$41.22	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$23.12	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Installer (Repairer)	\$39.53	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Aparatus Installer I	\$41.22	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Apparatus Installer II	\$40.41	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Heavy)	\$41.22	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$38.36	<u>5A</u>	<u>2B</u>	<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$38.36	<u>5A</u>	<u>2B</u>	<a href="#">View</a>

Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Groundperson	\$21.92	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Lineperson/Installer	\$29.13	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television System Technician	\$34.68	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Technician	\$31.18	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Tree Trimmer	\$38.36	<u>5A</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Terrazzo Workers</a>	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Tile Setters</a>	Journey Level	\$52.61	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$43.44	<u>5A</u>	<u>1B</u>		<a href="#">View</a>
Lewis	<a href="#">Traffic Control Stripers</a>	Journey Level	\$46.23	<u>7A</u>	<u>1K</u>		<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$57.81	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$56.97	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck	\$56.97	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$57.81	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Other Trucks	\$57.81	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$57.81	<u>5D</u>	<u>3A</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$18.18		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$12.00		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.00		<u>1</u>		<a href="#">View</a>

**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.

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

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



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

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

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

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

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

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

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

See RCW [39.12.010](#)

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

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

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

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

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

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

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

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

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

**WAC 296-127-018 Agency filings affecting this section**

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

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

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

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

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

(ii) At multiple points at the project; or

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

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

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

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

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

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

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

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

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

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

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

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



Benefit Code Key – Effective 3/3/2019 thru 8/30/2019

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**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.

- J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

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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.

Benefit Code Key – Effective 3/3/2019 thru 8/30/2019

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.)

# APPENDIX B

## FEDERAL CONTRACT PROVISIONS



## STATE AND FEDERAL LAWS TO BE OBSERVED

The applicant must comply with all state and federal laws in performing all tasks undertaken with respect to the Public Assistance (PA) Grant Program. The following sections are included for informational purpose and are not professed to include all relevant laws. It is the applicant's responsibility to comply with all federal, state, and local laws.

**1. EQUAL EMPLOYMENT OPPORTUNITY** – All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

**2. COPELAND "ANTI-KICKBACK" ACT (18 U.S.C. 874 AND 40 U.S.C. 276c)** – All contracts and subgrants in excess of \$2,000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or sub-recipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

**3. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C 327-333)** – Where applicable, all contracts awarded by recipients in excess of \$2,000 for construction contracts and in excess of \$2,500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

### **4. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT**

– Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

**5. CLEAN AIR ACT (42 U.S.C. 7401 et seq.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. 1251 et seq.), as amended** – Contractors and subgrants of amounts in excess of \$100,000 shall contain a provision that requires the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the

Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.) Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

**6. BYRD ANTI-LOBBYING AMENDMENT (31 U.S.C. 1352)** – Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying in non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

#### **7. DEBARMENT AND SUSPENSION**

**(E.O.s 12549 and 12689)** – No contract shall be made to parties listed on the General Services Administration’s List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, “Debarment and Suspension.” This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.

#### **8. PUBLIC LAW 88-352, TITLE VI OF THE CIVIL RIGHTS ACT OF 1964(42 U.S.C. 2000d et seq.) (24 CFR Part 1).**

The APPLICANT must comply with the provisions of "Public Law 88-352," which refers to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.). The law provides that no person in the United States shall, on the grounds of race, color or national origin, be denied the benefits of, be excluded from participation in, or be subjected to discrimination under any program or activity receiving federal financial assistance.

#### **9. SECTION 504 OF THE REHABILITATION ACT, 1973, AS AMENDED (29 U.S.C. 794).**

The APPLICANT must comply with Section 504of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual shall, solely by reason of his or her disability, be excluded from participation (including employment), denied program benefits or be subjected to discrimination under any program or activity receiving federal assistance funds.

#### **10. AMERICANS WITH DISABILITIES ACT (42 U.S.C. 12101, et seq.)**

The APPLICANT shall comply with the provisions of the Americans with Disabilities Act, 42 U.S.C. 12101, et. seq. That Act provides a comprehensive national mandate to eliminate discrimination against individuals with disabilities. The Act may impose requirements on the APPLICANT in four principle ways: 1) with respect to employment; 2) with respect to the provision of public services; 3) with respect to transportation; 4) with respect to existing facilities and new construction.

#### **11. THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (NEPA) (42 U.S.C Section 4321 et seq., and 24 CFR Part 58).**

The APPLICANT shall comply with the provisions of the National Environmental Policy Act of 1969. The purpose of this Act is to attain the widest use of the environment without degradation, risk to health or safety, or other undesirable and unintended consequences. Environmental review procedures, including determining and publishing a Finding of Significance or of No Significance for a proposal, are a necessary part of this process. Pursuant to these provisions, the APPLICANT must also submit environmental certifications to the DEPARTMENT when requesting that funds be released for the



project. The APPLICANT must certify that the proposed project will not significantly impact the environment and that the APPLICANT has complied with environmental regulations and fulfilled its obligations to give public notice of the funding request, environmental findings and compliance performance.

**12. EXECUTIVE ORDER 11990, MAY 24, 1977: PROTECTION OF WETLANDS (42**

**F.R. 26961 et seq.)**

The APPLICANT shall comply with Executive Order 11990. The intent of this Executive Order is (1) to avoid, to the extent possible, adverse impacts associated with the destruction or modification of wetland, and (2) to avoid direct or indirect support of new construction in wetlands wherever there is a practical alternative. The APPLICANT, to the extent permitted by law, must avoid undertaking or providing assistance for new construction located in wetlands unless (1) there is no practical alternative to such construction, and (2) the proposed action includes all practical measures to minimize harm to wetlands which may result from such use. In making this determination, the APPLICANT may take into account economic, environmental and other pertinent factors.

**13. EXECUTIVE ORDER 11988, MAY 24, 1977: FLOODPLAIN MANAGEMENT (42**

**F.R. 26951 et seq.)**

The APPLICANT shall comply with the provisions of Executive Order 11988. The intent of this Executive Order is to (1) avoid, to the extent possible, adverse impacts associated with the occupancy and modification of floodplains, and (2) avoid direct or indirect support of floodplain development wherever there is a practical alternative. If the APPLICANT proposes to conduct, support or allow an action to be located in a floodplain, the APPLICANT must consider alternatives to avoid adverse effects and incompatible involvement in the floodplain. If siting in a floodplain is the only practical alternative, the APPLICANT must, prior to taking any action (1) design or modify its actions in order to minimize any potential harm to the floodplain, and (2) prepare and circulate a notice containing an explanation of why the action is proposed to be located in a floodplain.

**14. THE WILD AND SCENIC RIVERS ACT OF 1968, AS AMENDED (16 U.S.C. 1271 et seq.).**

The APPLICANT shall comply with the Wild and Scenic Rivers Act. The purpose of this Act is to preserve selected rivers or sections of rivers in their free-flowing condition, to protect the water quality of such rivers and to fulfill other vital national conservation goals. Federal assistance by loan, grant, license, or other mechanism cannot be provided to water resources construction projects that would have a direct and adverse effect on any river included or designated for study or inclusion in the National Wild and Scenic River System.

**15. COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED (16 U.S.C.**

**1451 et seq.).** The APPLICANT shall comply with the Coastal Zone Management Act of 1972, as amended. The intent of this Act is to preserve, protect, develop, and where possible, restore or enhance the resources of the nation's coastal zone.

Federal agencies cannot approve assistance for proposed projects that are inconsistent with the state's Coastal Zone Management program except upon a finding by the U.S. Secretary of Commerce that such a project is consistent with the purpose of this chapter or necessary in the interests of national security.

**16. THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED (16 U.S.C. 1531**

**et seq.).** The APPLICANT shall comply with the Endangered Species Act of 1973, as amended. The intent of this Act is to ensure that all federally assisted projects seek to preserve endangered or threatened species. Federally authorized and funded projects must not jeopardize the continued existence of endangered and threatened

species or result in the destruction of or modification of habitat of such species which is determined by the U.S. Department of the Interior, after consultation with the state, to be critical.

**17. THE RESERVOIR SALVAGE ACT OF 1960, AS AMENDED BY THE ARCHAEOLOGICAL AND HISTORIC PRESERVATION ACT OF 1974 (16 U.S.C. 469 et seq.).** Under the Reservoir Salvage Act, the APPLICANT must comply with provisions for the preservation of historical and archaeological data (including relics and specimens) that might otherwise be irreparably lost or destroyed as a result of any alteration of the terrain caused as a result of any federal construction project or federally licensed activity or program. Whenever the APPLICANT finds, or is notified in writing by an appropriate historical or archaeological authority, that its activities in connection with any federal funded construction project or federally licensed project, activity or program may cause irreparable loss or destruction of significant scientific, prehistoric, historical or archaeological data, the APPLICANT must stop work immediately and must notify the U.S. Secretary of Interior and the Department in writing and provide appropriate information concerning the project or program activity.

**18. THE ARCHAEOLOGICAL AND HISTORICAL DATA PRESERVATION ACT OF 1974 (16 U.S.C. 469 a-1 et seq.).** The APPLICANT shall comply with the Archaeological and Historical Data Preservation Act, which provides for the preservation of historic and archaeological information that would be lost due to development and construction activities as a result of federally funded activities.

**19. THE SAFE DRINKING WATER ACT OF 1974, AS AMENDED (42 U.S.C. Section 201, 300(f) et seq., and U.S.C. Section 349).** The APPLICANT must comply with the Safe Drinking Water Act, as amended, which is intended to protect underground sources of water. No commitment for federal financial assistance, according to this Act, shall be entered into for any project, which the U.S. Environmental Protection Agency determines, may contaminate an aquifer that is the sole or principal drinking water source for an area.

**20. THE FEDERAL WATER POLLUTION CONTROL ACT OF 1972, AS AMENDED, INCLUDING THE CLEAR WATER ACT OF 1977, PUBLIC LAW 92-212 (33 U.S.C. SECTION 1251 et seq.).** The APPLICANT must assure compliance with the Water Pollution Control Act, as amended, which provides for the restoration of chemical, physical and biological integrity of the nation's water.

**21. THE SOLID WASTE DISPOSAL ACT, AS AMENDED BY THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 (42 U.S.C. SECTION 6901 et seq.)** The APPLICANT must assure compliance with the Solid Waste Disposal Act, as amended. The purpose of this Act is to promote the protection of health and the environment and to conserve valuable material and energy resources.

**22. THE FISH AND WILDLIFE COORDINATION ACT OF 1958, AS AMENDED (16 U.S.C. SECTION 661 et seq.)** The APPLICANT must assure compliance with the Fish and Wildlife Coordination Act, as amended. The Act assures that wildlife conservation receives equal consideration and is coordinated with other features of water resources development programs.

**23. RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICY, CHAPTER 8.26 RCW.** The APPLICANT shall comply with the provisions of Chapter 8.26 RCW and Chapter 365-24 WAC when its activities involve any acquisition of real property assisted under this Grant Agreement or the displacement of any family, individual, business, nonprofit organization or farm that results from such acquisition.

**24. STATE ENVIRONMENTAL POLICY ACT (SEPA), CHAPTER 43.21 (C) RCW.**

The APPLICANT shall comply with the provisions of Chapter 43.21(C) RCW and Chapter 197-11 WAC, the guidelines by which local agencies will (1) require environmental checklists from private and public entities considering an action potentially subject to the Environmental Impact Statement (EIS) requirement of SEPA, (2) make "threshold determinations" that such an action will not have a significant environmental impact, (3) provide for the preparation of a draft and final EIS if the action has significant impact, and (4) circulate the EIS to other agencies and interested parties.

**25. NOISE CONTROL, CHAPTER 70.107 RCW.** The APPLICANT shall assure compliance with the state Noise Control Act. Objectives of the Act are to assist local governments in implementing local noise ordinances and to control and reduce excessive noise in Washington.

**26. SHORELINE MANAGEMENT ACT OF 1971, CHAPTER 90.58 RCW.**

The APPLICANT shall comply with the provisions of Chapter 90.58 RCW. This Act defines a planning program and a permit system, which are initiated at the local government level under state guidance. Its purpose is to protect and enhance the state's shoreline and it includes a comprehensive shoreline inventory process and a master program for regulation of shoreline uses. A permit application at the local level must be in compliance with those plans and consistent with the state Coastal Zone Management program if substantial developments and shoreline modifications occur, and a record of the application and decision must be submitted to the state.

**27. STATE BUILDING CODE, CHAPTER 19.27 RCW; ENERGY RELATED BUILDING STANDARDS, CHAPTER 19.27A RCW; AND PROVISIONS IN BUILDINGS FOR AGED AND HANDICAPPED PERSONS, CHAPTER 70.92 RCW.** The APPLICANT shall comply with the provisions of Chapter 19.27 RCW, Chapter 19.27A RCW, Chapter 70.92 RCW and the regulations for building construction and for barrier free facilities adopted by the Washington State Building Code Council pursuant to these statutes. The State Building Code Act provides for a uniform state building code and mandates counties, cities and towns to administer and enforce its provisions. Local governments are authorized to modify the state building code to fit local conditions as long as such modifications do not result in a code that is less than the minimum performance standards and objectives contained in the state code.

**28. OPEN PUBLIC MEETINGS ACT, CHAPTER 42.30 RCW.** The APPLICANT shall comply with provisions of Chapter 42.30 RCW which require that all meetings of the governing body which pertain to this Grant Agreement shall be open to the public except those where specific provision is made for executive sessions pursuant to RCW 42.30.110.

**29. LAW AGAINST DISCRIMINATION, CHAPTER 49.60 RCW.** The APPLICANT shall comply with the provisions of Chapter 49.60 RCW in all activities relating to this Grant Agreement.

**30. GOVERNOR'S EXECUTIVE ORDER 89-10, DECEMBER 11, 1989: PROTECTION OF WETLANDS, AND GOVERNOR'S EXECUTIVE ORDER 90- 04, APRIL 21, 1990: PROTECTION OF WETLANDS.** The APPLICANT shall ensure that it avoids any activities that would adversely affect wetlands and adequately mitigates unavoidable impacts. For the purposes of this requirement, except where a contrary definition is

provided by statute, mitigation means: (1) avoiding the impact altogether by not taking certain action or part of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying the impact by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; (5) compensating for the impact by replacing, enhancing, or providing substitute resources or environments; and (6) monitoring the impact and taking appropriate corrective measures. Mitigation for individual actions may include a combination of the above measures. Mitigation may not include any of the above measures to the extent that they may be contrary to statute as applied under the particular circumstances. Emergency work that is essential to save lives and protect property and public health is exempt from these provisions.

**31. PREVAILING WAGES ON PUBLIC WORKS, CHAPTER 39.12 RCW.** The applicant shall comply with the provisions of Chapter 39.12, Prevailing Wages on Public Works. This statute mandates that the prevailing rate of wage, as determined by the State Department of Labor and Industries, be paid to workers performing under public works contracts.

**32. CONTRACTING WITH SMALL MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE AND LABOR SURPLUS AREA FIRMS.** In accordance 44 CFR 13.36(e), Contracting With Small and Minority Firms, if employing contractors or suppliers the Contractor will take affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible. (1) The grantee and subgrantee will take all necessary affirmative steps to assure that minority firms, women's enterprises and labor surplus area firms are used when possible. (2) Affirmative steps shall include: (i) Placing qualified small and minority businesses, and women's business enterprises on solicitation lists; (ii) Assuring that small and minority enterprises are solicited whenever they are potential sources; (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises; (iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises; (v) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and (vi) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (e)(2)(i) through (v) of this section.

# **APPENDIX C**

## **BID PROPOSAL DOCUMENTS**

### **INCLUDING:**

**Notice to Contractor**

**Proposal Form**

**Non-Collusion Declaration**

**Proposal Signature Page**

**Certification of Compliance with Wage Payment Statutes**





## Lewis County Department of Public Works

Josh S. Metcalf, PE, Director

Tim D. Fife, PE, County Engineer

### NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 11:00 a.m. on **Tuesday, July 23, 2019**, at the Lewis County Courthouse in Chehalis, Washington for the Silverbrook Road Improvements Project, CRP 2184.

#### **SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, July 23, 2019**

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.  
**Bids submitted after 11:00 AM will not be considered for this project.**)

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), by or before **11:00 A.M.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR SILVERBROOK ROAD IMPROVEMENTS PROJECT, CRP 2184, TO BE OPENED ON OR AFTER 11:00 A.M. ON TUESDAY, JULY 23, 2019"**.

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. Should the successful bidder fail to enter into such contract and furnish satisfactory contract bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov](http://www.lewiscountywa.gov) or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

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





## PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS  
LEWIS COUNTY  
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the Silverbrook Road Improvements Project, CRP 2184, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
1	1 L.S.	Mobilization	LUMP SUM	\$
2	0.38 ACRE	Clearing And Grubbing	\$	\$
3	1 L.S.	Removal of Structures and Obstructions	LUMP SUM	\$
4	830 C.Y.	Roadway Excavation Incl. Haul	\$	\$
5	880 TON	Select Borrow Incl. Haul (C.S.B.C.)	\$	\$
6	2 TON	Quarry Spalls	\$	\$
7	49 L.F.	Schedule A Culv. Pipe 18 In. Diam.	\$	\$
8	25 C.Y.	Gravel Backfill For Wall	\$	\$
9	2,065 TON	Crushed Surfacing Base Course	\$	\$
10	560 TON	Crushed Surfacing Top Course	\$	\$
11	0.41 MILE	Shoulder Finishing	\$	\$
12	560 TON	HMA Cl. 1/2 In. PG 58H-22	\$	\$
13	25 L.F.	Check Dam	\$	\$
14	1,200 L.F.	High Visibility Silt Fence	\$	\$
15	1 EST.	Erosion / Water Pollution Control	ESTIMATED	\$4,000.00
16	931.25 L.F.	Beam Guardrail Type 31 - 9 Ft. Long Post	\$	\$
17	2 EACH	Beam Guardrail Type 31 Non-Flared Terminal	\$	\$
18	3,118 L.F.	Paint Line	\$	\$
19	1 L.S.	Project Temporary Traffic Control	LUMP SUM	\$
20	143 S.F.	Construction Signs Class A	\$	\$
21	155 C.Y.	Structure Excavation Class B Incl. Haul	\$	\$
22	14 C.Y.	Gravel Backfill For Foundation Class A (C.S.B.C.)	\$	\$
23	28 C.Y.	Gabion Cribbing	\$	\$
24	1 L.S.	Trimming And Cleanup	LUMP SUM	\$
25	30 S.Y.	Construction Geotextile For Separation	\$	\$
26	0 EST.	Reimbursement For Thrid Party Damage	ESTIMATED	\$0.00
27	1 CALC.	Minor Change	CALCULATED	\$25,000.00
28	1 L.S.	SPCC Plan	LUMP SUM	\$
			<b>TOTAL BID</b>	\$



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

## **NON-COLLUSION DECLARATION**

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

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

## **NOTICE TO ALL BIDDERS**

To report rigging activities call:

**1-800-424-9071**

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

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

PROPOSAL - SIGNATURE PAGE

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

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

CASH  IN THE AMOUNT OF \_\_\_\_\_

CASHIER'S CHECK  \_\_\_\_\_ DOLLARS

CERTIFIED CHECK  (\$\_\_\_\_\_) PAYABLE TO THE LEWIS 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***

\_\_\_\_\_

Firm Name

\_\_\_\_\_

Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

State of Washington Contractor's License No.

\_\_\_\_\_

Unified Business Identifier (U.B.I.) No.

\_\_\_\_\_

Telephone No.

\_\_\_\_\_

Federal ID No.

\_\_\_\_\_

**Note:**

This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Lewis County Engineer will be cause for considering the proposal irregular and subsequent rejection of the bid.

\*Attach Power of Attorney



*Lewis County Department of Public Works*

Erik P. Martin, PE, Director

Tim Fife, PE, County Engineer

**Certification of Compliance with Wage Payment Statutes**

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

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

\_\_\_\_\_  
Bidder's Business Name

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

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

Check One:

Sole Proprietorship  Partnership  Joint Venture  Corporation

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

\_\_\_\_\_

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

\_\_\_\_\_

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



## **APPENDIX D**

### **CONTRACT DOCUMENTS**

#### **INCLUDING:**

**Contract Form**

**Contract Bond**

**Power Equipment List**





**CONTRACT**

THIS AGREEMENT, made and entered into this \_\_\_ day of \_\_\_\_\_, 2019, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and \_\_\_\_\_ of \_\_\_\_\_

for \_\_\_sel\_\_\_, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

**WITNESSETH:**

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

**DESCRIPTION OF WORK:**

1. The Contractor shall do all work and furnish all material necessary to improve Silverbrook Road by installing a traffic detour, removing and replacing the existing culvert, installing gabion cribbing, guardrail, paving with HMA, and other work, all in Lewis County Washington, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a 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 extra work which may be ordered as provided in this contract and every part thereof.

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.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish 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 schedule of unit or itemized prices 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 hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.

3. The Contractor for himself, and for his heirs, executors, administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

4. It is further provided that no liability shall attach to the County be reason of entering into this contract, except as expressly provided herein.

**Contract - 1**

5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information for bidders, bid proposal form, general conditions (if any), special conditions (if any), complete specifications and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

\_\_\_\_\_

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

\_\_\_\_\_

Contractor

Performance of foregoing contract assured in accordance with the terms of the accompanying bond.

Dated: \_\_\_\_\_, 2019

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

Surety

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

Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN MEYER Prosecuting Attorney

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

Civil Deputy

APPROVED:

\_\_\_\_\_

County Engineer

**Contract – 2**

**CONTRACT BOND FOR  
LEWIS COUNTY, WASHINGTON**

**Bond No.** \_\_\_\_\_

WE, \_\_\_\_\_ d/b/a \_\_\_\_\_  
(Insert legal name of Contractor) (Insert trade name of Contractor, if any)

(hereinafter "Principal"), and \_\_\_\_\_ (hereinafter "Surety"), are held and firmly bound unto **LEWIS COUNTY, WASHINGTON** (hereinafter "County"), as Obligee, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract No. **CRP 2184, FEMA Project No. DR 4242-2-R (HMGP)** between Principal and County, which total is *initially* \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), for the payment of which sum Principal and Surety bind themselves, their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents.. Said contract (hereinafter referred to as "the Contract") is for the **Silverbrook Road Improvements Project** and is made a part hereof by this reference. The Contract includes the original agreement as well as all documents attached thereto or made a part thereof and amendments, change orders, and any other document modifying, adding to or deleting from said Contract any portion thereof.

This Bond is executed in accordance with the laws of the State of Washington, and is subject to all provisions thereof and the ordinances of County insofar as they are not in conflict therewith, and is entered into for the use and benefit of County, and all laborers, mechanics, subcontractors, and materialmen, and all persons who supply such person or persons, or subcontractors, with provisions or supplies for the carrying on of the work covered by Contract No. **CRP 2184, FEMA Project No. DR 4242-2-R (HMGP)**, between the below-named Contractor and County for the **Silverbrook Road Improvements Project**, a copy of which Contract, by this reference is made a part hereof and is hereinafter referred to as "the Contract." (The Contract as defined herein includes the aforesaid agreement together with all of the Contract documents including addenda, exhibits, attachments, modifications, alterations, and additions thereto, deletions therefrom, amendments and any other document or provision attached to or incorporated into the Contract)

**THE CONDITION OF THIS OBLIGATION** is such that if Contractor shall promptly and faithfully perform the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

**THE PARTIES FURTHER ACKNOWLEDGE & AGREE AS FOLLOWS:**

- (1) Surety hereby consents to, and waives notice of, any alteration, change order, or other modification of the Contract and any extension of time made by County, except that any single or cumulative change order amounting to more than twenty-five percent (25%) of the penal sum of this bond shall require Surety's written consent.
- (2) Surety recognizes that the Contract includes provisions for additions, deletions, and modifications to the work or Contract Time and the amounts payable to Contractor. Subject to the limitations contained in paragraph (1) above, no such change or any combination thereof, shall void or impair Surety's obligation hereunder.
- (3) Surety is subject to the provisions contained in Section 1-03.4, "Contract Bond," of the Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction. And such provisions are incorporated by reference. A copy may be viewed at WSDOT's website [www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/](http://www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/).
- (4) Whenever County has declared Contractor to be in default and County has given Surety written notice of such declaration, Surety shall promptly (in no event more than thirty [30] days following receipt of such notice), specify, in written notice to County, which of the following actions Surety intends to take to remedy such default, and thereafter shall:
  - (a) Remedy the default within fifteen (15) days after its notice to County, as stated in such notice; or
  - (b) Assume within fifteen (15) days following its notice to County, full responsibility for the completion of the Contract in accordance with all of its provisions, as stated in such notice, and become entitled to payment of the balance of the Contract sum as provided in the Contract; or
  - (c) Pay County upon completion of the Contract, in cash, the cost of completion together with all other reasonable costs and expenses incurred by County as a result of Contractor's default, including but not limited to those incurred by County to mitigate its losses, which may include but are not limited to attorneys' fees and the cost of efforts to complete the work prior to Surety's exercising any option available to it under this Bond; or
  - (d) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon a determination by County and Surety jointly of the lowest responsible bidder, arrange for one or more agreements between such bidder and County, and make available as work progresses (even though there is a default or a succession of defaults under such agreement(s) for completion arranged for under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the penal sum of this Bond. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract, less the amount properly paid by County to Contractor.

- (5) If County commences suit and obtains judgment against Surety for recovery hereunder, then Surety, in addition to such judgment, shall pay all costs and attorneys' fees incurred by County in enforcement of County's rights hereunder. The venue for any action arising out of or in connection with this bond shall be in Lewis County, Washington.
- (6) No right or action shall accrue on this Bond to or for the use of any person or corporation other than Lewis County, except as herein provided.
- (7) No rider, amendment or other document modifies this Bond except as follows, which by this reference is incorporated herein:

**SURETY'S QUALIFICATIONS:** Every Surety named on this bond must appear on the United States Treasury Department's most current list (Circular 570 as amended or superseded) and be authorized by the Washington State Insurance Commissioner to transact business as a surety in the State of Washington. In addition, the Surety must have a current rating of at least A-:VII in A. M. Best's Key Rating Guide.

**INSTRUCTIONS FOR SIGNATURES:** This bond must be signed by the president or a vice-president of a corporation; the managing general partner of a partnership; managing joint venturer of a joint venture; manager of a limited liability company or, if no manager has been designated, a member of such LLC; a general partner of a limited liability partnership; or the owner(s) of a sole proprietorship. If the bond is signed by any other representative, the Principal must attach currently-dated, written proof of that signer's authority to bind the Principal, identifying and quoting the provision in the corporate articles of incorporation, bylaws, Board resolution, partnership agreement, certificate of formation, or other document authorizing delegation of signature authority to such signer, and confirmation acceptable to the County that such delegation was in effect on the date the bond was signed. **A NOTARY PUBLIC MUST ACKNOWLEDGE EACH SIGNATURE BELOW.**

**FOR THE SURETY:**

**FOR THE PRINCIPAL:**

By \_\_\_\_\_  
(Signature of Attorney-in-Fact)  
 \_\_\_\_\_  
(Type or print name of Attorney-in-Fact)  
 \_\_\_\_\_  
(Type or print telephone number for Attorney-in-Fact)

By: \_\_\_\_\_  
(Signature of authorized signer for Contractor)  
 \_\_\_\_\_  
(Type or print name of signer for Contractor)  
 \_\_\_\_\_  
(Type or print title of signer for Contractor)

STATE OF \_\_\_\_\_ )  
 \_\_\_\_\_ ) ss: **ACKNOWLEDGMENT FOR CONTRACTOR**  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me a notary public in and for the State of \_\_\_\_\_, duly commissioned and sworn, personally appeared \_\_\_\_\_, the person described in and who executed the foregoing bond, and acknowledged to me that \_\_\_\_\_ signed and sealed said bond as the free and voluntary act and deed of the Contractor so identified in the foregoing bond for the uses and purposes therein mentioned, and on oath stated that \_\_\_\_\_ is authorized to execute said bond for the Contractor named therein. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

\_\_\_\_\_  
(Signature of Notary Public) \_\_\_\_\_  
(Print or type name of Notary Public)

Notary Public in and for the State of \_\_\_\_\_ residing at \_\_\_\_\_  
 My commission expires \_\_\_\_\_. **SEAL →**

STATE OF \_\_\_\_\_ )  
 \_\_\_\_\_ ) ss: **ACKNOWLEDGMENT FOR SURETY**  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me a notary public in and for the State of \_\_\_\_\_, duly commissioned and sworn, personally appeared \_\_\_\_\_, Attorney-in-Fact for the Surety that executed the foregoing bond, and acknowledged said bond to be the free and voluntary act and deed of the Surety for the uses and purposes therein mentioned, and on oath stated that \_\_\_\_\_ is authorized to execute said bond on behalf of the Surety, and that the seal affixed on said bond or the annexed Power of Attorney is the corporate seal of said Surety. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

\_\_\_\_\_  
(Signature of Notary Public) \_\_\_\_\_  
(Print or type name of Notary Public)

Notary Public in and for the State of \_\_\_\_\_ residing at \_\_\_\_\_  
 My commission expires \_\_\_\_\_. **SEAL →**

**POWER EQUIPMENT LIST**

The undersigned furthermore certifies that he/she is thoroughly aware that time is of the essence for the completion of this contract within the time specified in the special provisions, and hereby agrees to provide the Engineer a list of his power equipment to be used on this project.

This equipment list will be used in computing any Force Account that may be performed within this contract.

**The Contractor must complete this form in its entirety.**

**POWER EQUIPMENT**

Type of Equipment	Make	Model Number	Serial Number	* Capacity	Year Built



# APPENDIX E

## PERMIT DOCUMENTS





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**LEWIS COUNTY – STATE ENVIRONMENTAL POLICY ACT  
THRESHOLD DETERMINATION  
DETERMINATION OF NONSIGNIFICANCE (DNS)**

---

**LEAD AGENCY:** Lewis County – Community Development Department

**PROPONENT:** Lewis County – Public Works Department

**FILE NUMBERS:** SEP19-0005, MSR19-0078, FD19-00007 & G19-00008

**DESCRIPTION OF PROPOSAL:** Raise an approximate 1,200-foot segment of Silverbrook Road from mile post (MP) 1.24 to MP 1.47, to 1 foot above the 100-year base flood elevation. Additional work will include the replacement of a drainage pipe and installation of 50-foot gabion crib at MP 1.29. The project will include 2,380 cubic yards of fill material and 985 cubic yards of cut material.

**LOCATION OF PROPOSAL:** The project is located on Silverbrook Road, MP 1.24 to MP 1.47, Randle, Lewis County, WA, all within existing County Road Right of Way and adjacent to tax parcel number 031656-000-000 – Section 9, Township 12 N, Range 07 E, WM.


**THRESHOLD DETERMINATION:**

The lead agency for this proposal has determined that it does not have a probable, significant adverse impact on the environment. An environmental impact statement (EIS) is NOT required under RCW 43.21C.030(2)(c). This decision was made after review by Lewis County of a completed environmental checklist and other information on file with this agency and such information is adopted herein by reference. This information is available for public review upon request.

This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the issue date below. Written comments may be submitted during the 14 day period.

**Responsible Official:** **Lee Napier, Director**  
Lewis County Community Development  
2025 NE Kresky Avenue  
Chehalis, Washington 98532

**Contact Person:** **Karen A. Witherspoon, AICP, Senior Project Planner**

 for Responsible Official

**Date of Issue:** **March 19, 2019**

*This SEPA determination may be appealed in writing to the Lewis County Hearings Examiner until 4 pm on **April 9, 2019** at the Lewis County Community Development Permit Center. Appellants should be prepared to make **specific factual objections**. The appeal procedure is established in Lewis County Code (LCC) Section 17.110.130 and LCC Section 2.25.130. The administrative appeal fee is established by Resolution No. 18-349 of the Board of County Commissioners.*

# LEWIS COUNTY PERMIT INSPECTION RECORD

**Applicant: LEWIS COUNTY PUBLIC WORKS**

**Owner: LEWIS COUNTY PUBLIC WORKS**

**Contractor: TO BE PROVIDED**

**License #:**

- Call (360) 740-1133 to request inspection at least 24 hours in advance.
- Call only when ready for inspections.
- Address numbers need to be posted at the driveway entrance prior to any inspection requests. Minimum 6" Characters with 3/4" brush stroke.
- Inspection record and plans must be posted and kept dry on the jobsite.

**EXPIRATION** – Permit expires within 180 days of issuance or last inspection. It is the applicant and/or their contractor's responsibility to call for inspections at the appropriate stages of permitted project.

**SETBACKS** – It is the responsibility of the property owner and/or their contractor to ensure this structure meets the minimum setbacks (as set by Lewis County Code) from all right-of-ways, easements and property lines. Failure to do so will invalidate this permit and may result in the requirement to remove this structure.

## Requirements for Final Inspection:

Engineers Signed Final Copy Required

**PERMIT NO: G19-00008**

**Associated Permits:**

**Permit Type: GRADING**

**Site Address: SILVERBROOK RD FROM MP 1.24 TO 1.47**

**Job: Raise an approximate 1,200 foot segment of Silverbrook Rd from MP 1.24 to MP 1.47**

Inspector / Inspection Type	Date
<input type="checkbox"/> FINAL INSPECTION	
Final Inspection Approved	

# DEVELOPMENT PERMIT

Lewis County Community Development  
2025 NE Kresky Avenue  
Chehalis, WA 98532  
360-740-1133 – Inspection line  
360-740-1146 – Office  
[www.lewiscountywa.gov](http://www.lewiscountywa.gov) – web site

PERMIT NO.: G19-00008  
TYPE: GRADING  
SUB: FILL/GRADE  
ISSUED: 06/11/2019  
AUTHORIZED/ISSUED BY: *Alex Stewart*

**Authorization to perform the following work and/or development, consistent with the approved plans and documents submitted in the application**

**PROJECT DESCRIPTION:** Raise an approximate 1,200 foot segment of Silverbrook Rd from MP 1.24 to MP 1.47

Cubic Yards Fill: 2380    Cubic Yards Cut/Grade: 985    Total Cubic Yards: 3365

**ASSOCIATED PERMITS:** F19-00007

**SITE LOCATION** SILVERBROOK RD FROM MP 1.24 TO 1.47

**Tax Parcel No:** 03165600000

**Legal Description:** Section 09 Township 12N Range 07E S2 SW4 EX HWY RD

**Is granted to:**

**APPLICANT:**  
LEWIS COUNTY PUBLIC WORKS  
2025 NE KRESKY AVENUE  
CHEHALIS, WA 98532  
**CONTRACTOR:**  
TO BE PROVIDED

**OWNER:**  
LEWIS COUNTY PUBLIC WORKS  
2025 NE KRESKY AVENUE  
CHEHALIS, WA 98532  
**AGENT:**

**Requirements for Final Inspection:**

• **Engineers Signed Final Copy Required**

This permit is issued on the express condition that the above-described work shall conform in all respects to all statements and documents submitted in the application herefore, and shall conform to any specific requirements of any other associated permit issued by the County. It shall be the responsibility of the permit holder to verify if any other local, state and/or federal permit or approval is required for the performance of the above-described work.

It is the responsibility of the permit holder (applicant) to cause the required inspections to be made. The County or any official or employee thereof shall not be liable for any direct or consequential damages whatsoever resulting from a failure of the permit holder (applicant) to secure the required inspections and comply with any correction notice issued. Any deviation from the work described in this permit, the application therefor or any supporting document shall be cause for the County to require a subsequent review and approval process.

By applying for this development permit, the applicant has agreed to comply with all applicable regulations of the County and all conditions of approval of this permit. Construction shall not start on any deferred submittals until such plans have been reviewed and approved by the County.

**Conditions of Permit**

- Fill material is required to be clean earth material (rock, natural soil or a combination of both).
- This permit expires 180 days from the date of issue if no substantial progress is made.
- All work shall conform to the requirements of the Lewis County Code, 2015 International Building Code- Appendix J and any other applicable laws and ordinances.
- All development must comply with the conditions set forth in the attached Lewis County Planning Review.
- All conditions listed on the attached State Environmental Policy Act (SEPA) Determination must be met as a condition of this permit issuance



- Requests for extension of this permit must be submitted in writing to the Building Official with documentation of the total amount of fill or grade, and the type of material deposited at the time of the extension request.
- All associated permits to be final approved prior to or at the time of final approval of this permit.

## **NOTICES**

**AMERICANS WITH DISABILITY ACT:** This project may be subject to the architectural standards of the Americans with Disabilities Act (ADA) of 1990. Issuance of a County development permit does not certify or assure compliance with the Federal Statute. Copies of the guidelines and information concerning the ADA may be obtained thru the Architectural and Transportation Barriers Compliance Board (1-202-653-7834 [voice or TDD] or 1/800-872-2253). Failure to comply with the Federal Statute (ADA) may result in Federal fines and penalties.

**ELECTRICAL WORK:** A separate permit is required for electrical work. Contact Washington State Department of Labor and Industries (L & I) Electrical Inspector at (360) 902-6350 (Tumwater) or 360-575-6900 (Longview). L & I final approval must be completed prior to occupancy or final inspection.

**INSPECTIONS:** If the permit holder fails to notify the Building Official that construction has commenced to a point that inspection is appropriate and work is covered before inspection, the Building Official is empowered to require uncovering such work to permit proper inspection. A minimum **twenty-four (24) hour notice** must be given to assure prompt inspection service. Inspections can be scheduled by calling the inspection line at 360-740-1133.

**OCCUPANCY:** Occupancy of any residence or structure prior to written authorization by the Lewis County Building Department is prohibited. Unauthorized occupancy will result in fines and/or penalties being assessed. Receipt of payment for any fines or penalties must be paid prior to any further inspections being scheduled.

**PERMIT CHANGE REQUEST:** Any change to the building permit or the construction plans associated with this permit after the permit has been issued will be assessed a \$50.00 change fee. This fee will be in addition to any fees calculated for the change.

**PERMIT EXPIRATION & REFUNDS:** This permit becomes null and void if work or construction is not commenced within 180 days or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. A refund may be authorized in certain instances. Please refer to the currently adopted Schedule of Fees for the payment refund policy.

**SALES TAX - NOTICE TO CONTRACTORS:** For all projects in unincorporated Lewis County, please report sales tax to CODE 2100. Projects in the City limits should be reported to the designated City codes. If you have questions call the Lewis County Treasurer's Office at 360-740-1116 or toll free (within Lewis County) at 1-800-562-6130 ext. 1116.

**SOLID WASTE DISPOSAL:** Lewis County Code (LCC) prohibits any person from disposing of solid waste generated or collected within Lewis County in a manner inconsistent with the process described throughout LCC 8.15. This county code requires that all solid waste collected or generated within Lewis County, unless source separated recycling, must be disposed of at a Lewis County owned, operated and permitted facility. The staff of the Solid Waste Division is available to assist and advise on proper disposal methods by calling 360 740 1451 or 1 800 749 5980.

**SPECIAL TAX PROGRAMS:** If your parcel is in a special tax program such as Open Space Farm and Agriculture Land, Open Space Timber, or Designated Forest Land, you must personally advise the Assessor's Office of any change in use of the land. Consideration of special tax programs is NOT part of the permitting process and may involve considerable additional expense. You may reach the Assessor's Office at (360) 740-1392.

## **FLOODPLAIN DEVELOPMENT PERMIT**

Lewis County Community Development  
2025 NE Kresky Avenue  
Chehalis, WA 98532  
360-740-1133 – Inspection line  
[www.lewiscountywa.gov](http://www.lewiscountywa.gov) – web site  
360-740-1146 – Office  
360-740-1245 - Fax

<b>PERMIT NO.: FD19-00007</b> <b>TYPE: FLOOD PLAIN</b> <b>ISSUED: 06/11/2019</b>
--

**Grading Permit: G19-00008**

**PROJECT DESCRIPTION:** Raise an approximate 1,200 foot segment of Silverbrook Rd from MP 1.24 to MP 1.47

**BASE FLOOD ELEVATION:**

**LOWEST POSSIBLE BLDG ELEVATION:**

**SITE ADDRESS: SILVERBROOK RD FROM MP 1.24 TO 1.47**

**Tax Parcel No: 031656000000**

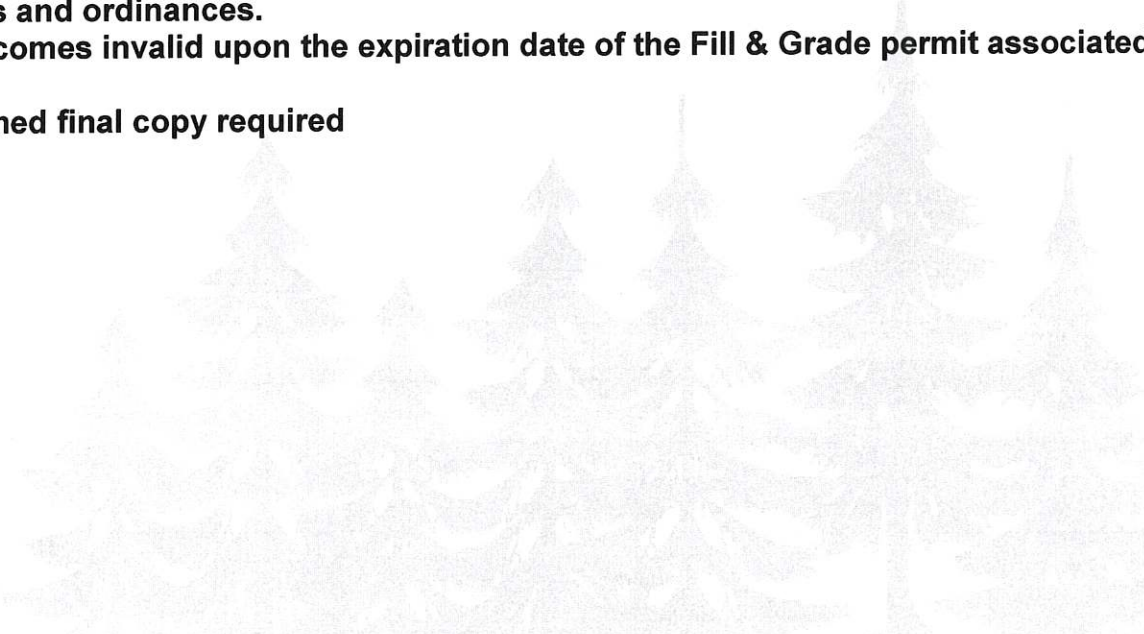
**Legal Description: Section 09 Township 12N Range 07E S2 SW4 EX HWY RD**

**APPLICANT: LEWIS COUNTY PUBLIC WORKS**  
**2025 NE KRESKY AVENUE**  
**CHEHALIS,WA 98532**

**OWNER: LEWIS COUNTY PUBLIC WORKS**  
**2025 NE KRESKY AVENUE**  
**CHEHALIS,WA 98532**

---

## **CONDITIONS OF PERMIT**

- 1. All work shall conform to the requirements of the Lewis County Code and any other applicable laws and ordinances.**
  - 2. This permit becomes invalid upon the expiration date of the Fill & Grade permit associated with it.**
  - 3. Engineer's signed final copy required**
- 



# APPENDIX F

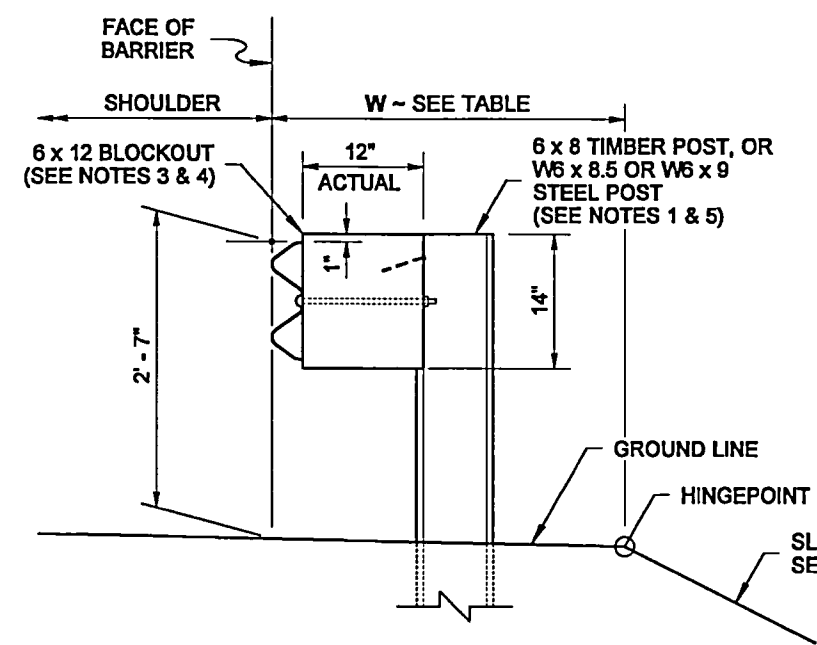
**STANDARD PLANS**

**CONTRACT PLANS**

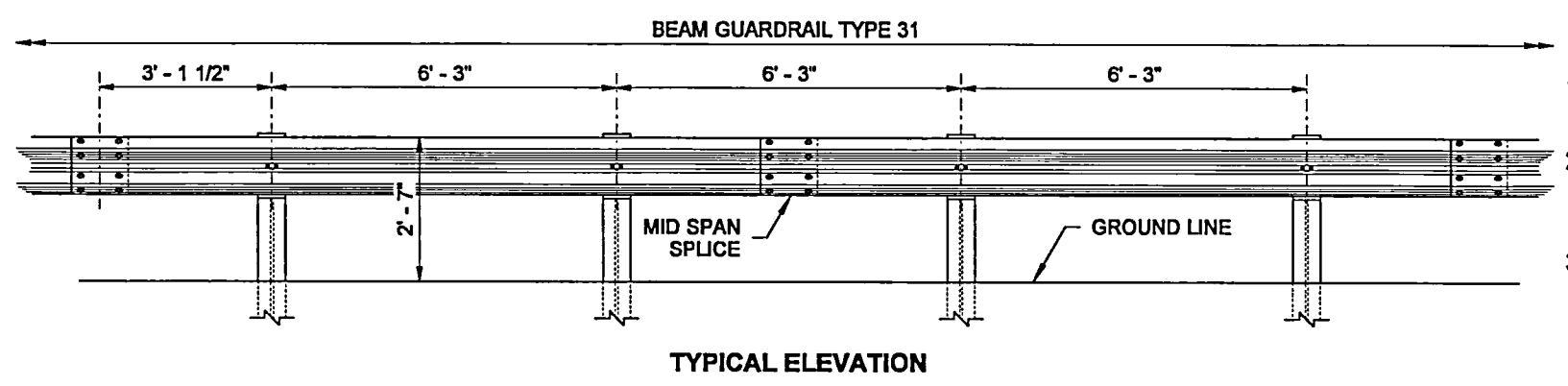




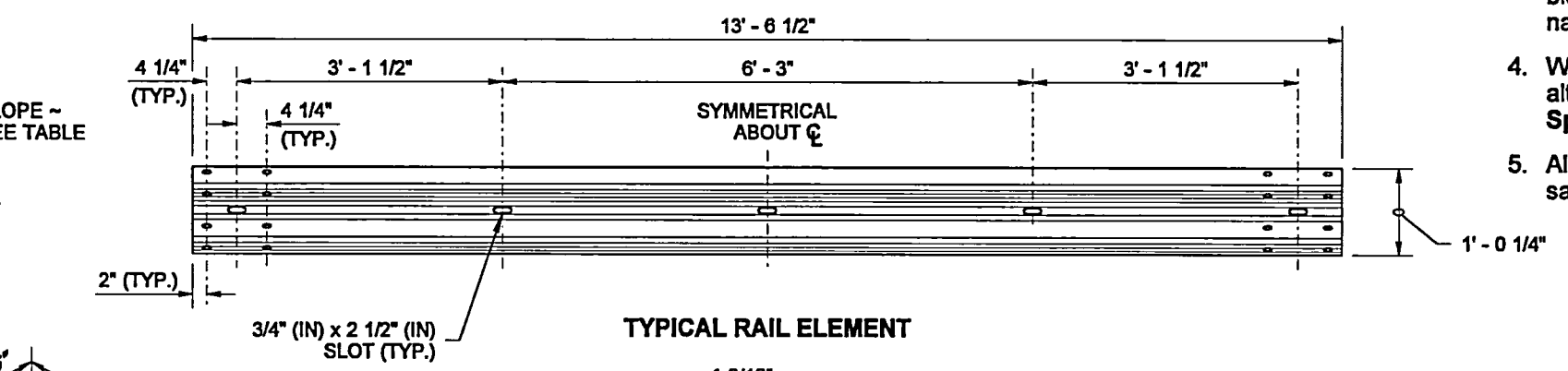
DRAWN BY: FERN LIDDELL



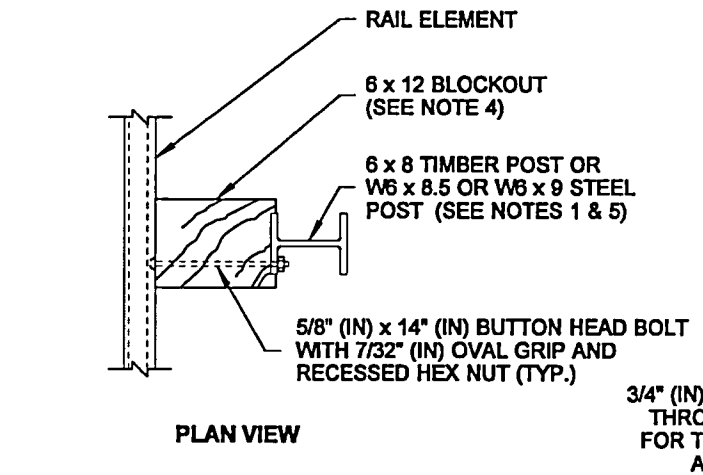
**TYPICAL SECTION ~ WITHOUT CURB**  
(6' - 0" LONG POSTS)



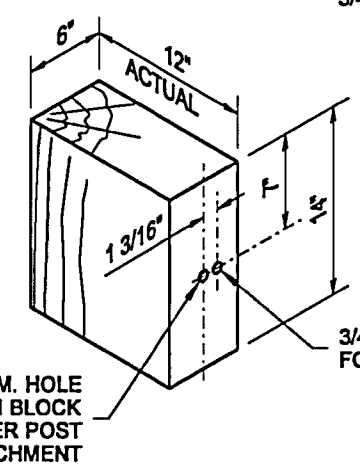
**TYPICAL ELEVATION**



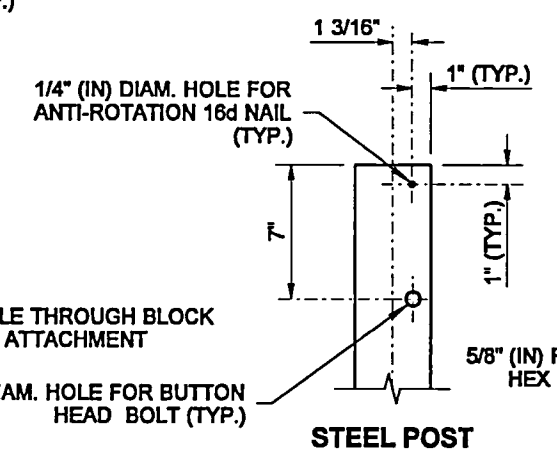
**TYPICAL RAIL ELEMENT**



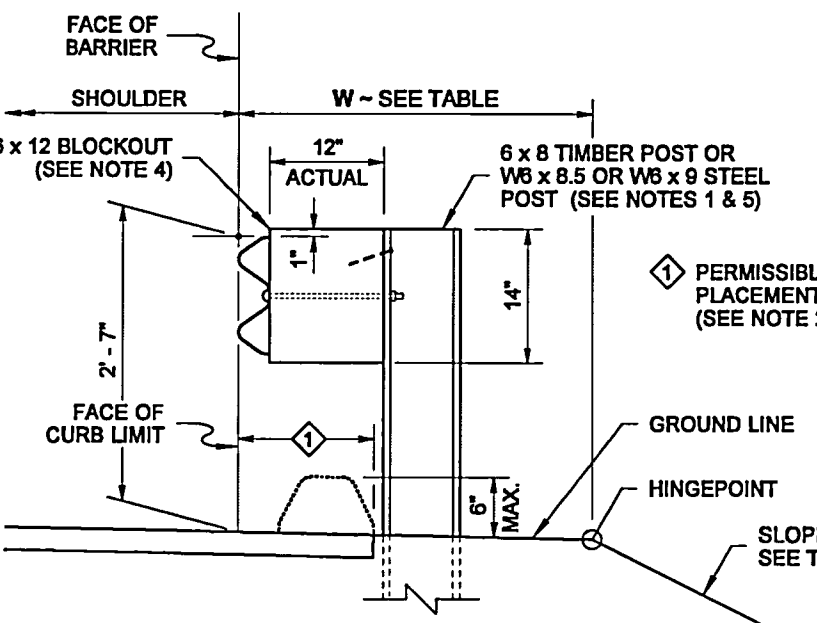
**PLAN VIEW**



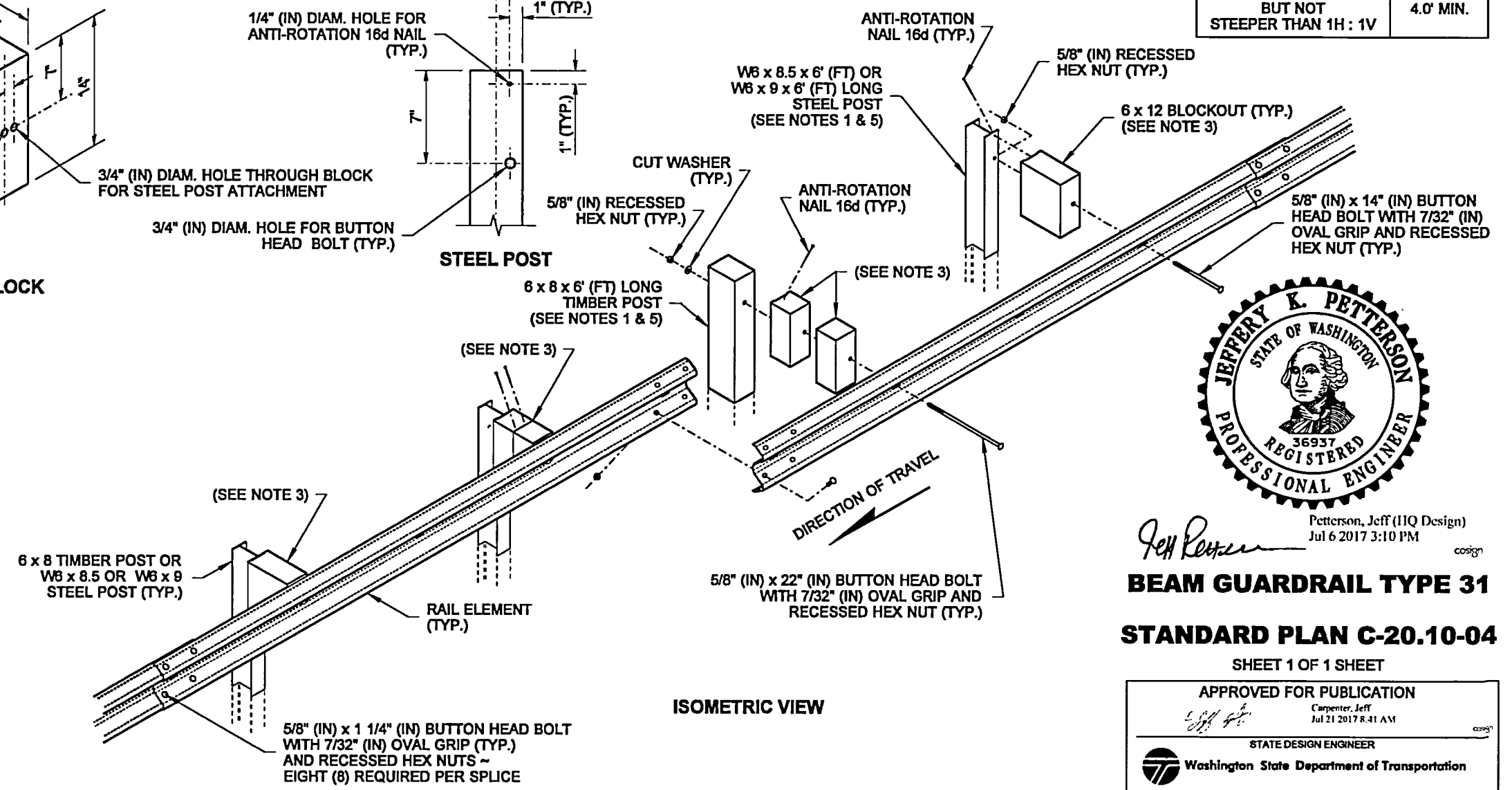
**WOOD BLOCK**



**STEEL POST**



**ELEVATION VIEW**  
**TYPICAL SECTION ~ WITH CURB**  
(6' - 0" LONG POSTS)



**ISOMETRIC VIEW**

**NOTES**

1. Refer to **Standard Plan C-1b** and **C-20.11** for additional details not shown on this plan.
2. Extend shoulder pavement to provide a base for the extruded curb. See Contract Plans for exceptions to distances shown.
3. Use a single block or combination of blocks (no more than two (2) to achieve the actual 12" (in) offset. See **Standard Specification Section 9-16.3(2)**. Wood blocks shall be secured to the posts with anti-rotation nails. If combination blocks are used, the adjacent blocks shall be toenailed with two 16d galvanized nails to prevent block rotation.
4. Wood blocks are shown. Blocks of an approved alternative material may be used. See **Standard Specification Section 9-16.3(2)**.
5. All posts for any standard barrier run shall be of the same type: timber or steel.

SLOPE \ EMBANKMENT TABLE	
SLOPE	W (FT)
2H : 1V OR FLATTER	2.5' MIN.
STEEPER THAN 2H : 1V BUT NOT STEEPER THAN 1H : 1V	4.0' MIN.



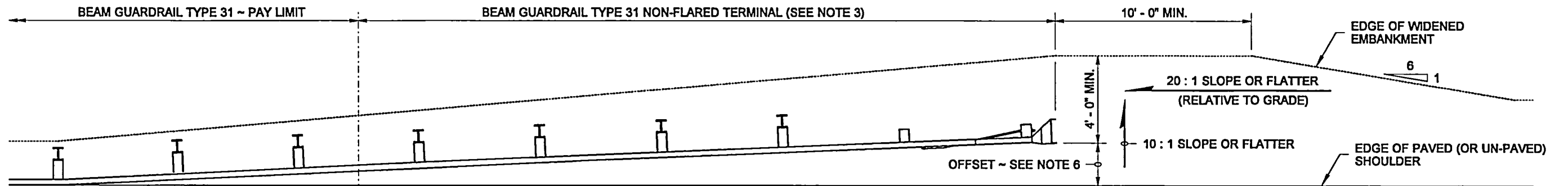
Peterson, Jeff (HQ Design)  
Jul 6 2017 3:10 PM  
cosign

**BEAM GUARDRAIL TYPE 31**

**STANDARD PLAN C-20.10-04**

SHEET 1 OF 1 SHEET

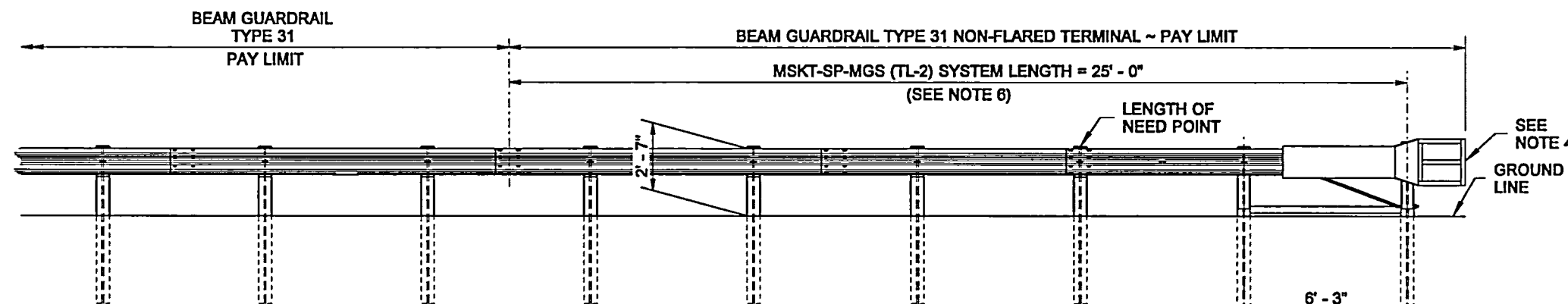
APPROVED FOR PUBLICATION  
Carpenter, Jeff  
Jul 21 2017 8:41 AM  
STATE DESIGN ENGINEER  
Washington State Department of Transportation



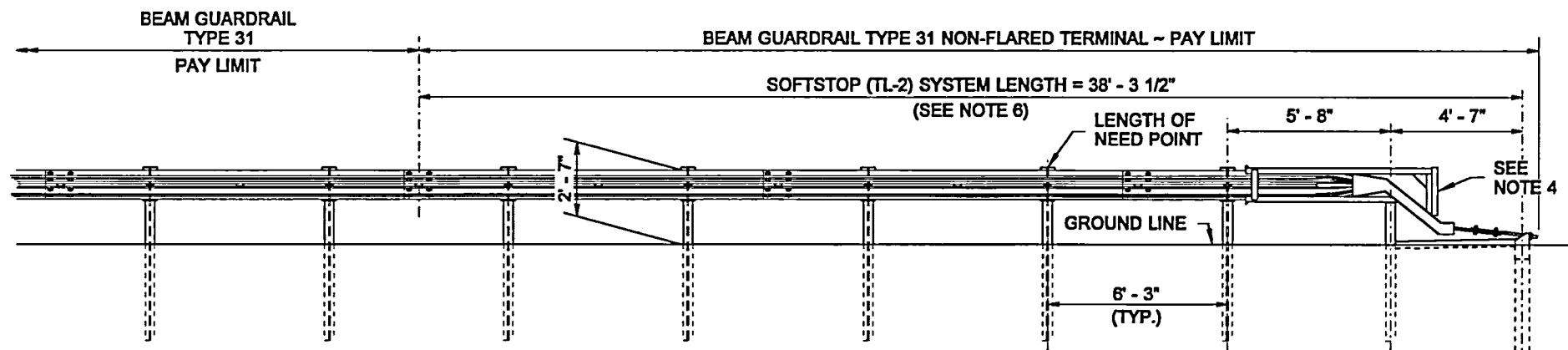
PLAN VIEW  
(MSKT-SP-MGS (TL-2) SHOWN)

NOTES

1. The Implementation of the Manual for Assessment of Safety Hardware (MASH) criteria may result in the acceptance of guardrail terminal systems currently not shown on this plan. Non-Flared terminals shall be selected from the WSDOT Qualified Products List (QPL) or approved through the WSDOT Request for Approval of Materials (RAM) process.
2. This terminal is MASH compliant at Test Level Two (TL-2) and may be used in applications with posted speeds of 45 mph or less.
3. An MSKT-SP-MGS (TL-2) as manufactured by Road Systems, Inc. or SOFTSTOP (TL-2) as manufactured by Trinity Highway Products, LLC shall be installed according to manufacturer's recommendations.
4. A reflectorized object marker shall be installed according to manufacturer's recommendations.
5. When snow load post washers and snow load rail washers are required by the Contract, the snow load rail washers shall not be installed within the terminal limits.
6. Terminal shall be installed at a widening, ensuring the end piece is entirely off the shoulder. While this terminal does not require an offset at the end, a flare is recommended. For the MSKT-SP-MGS (TL-2), a maximum flare of 25 : 1 or flatter over the length of the terminal is allowed with a maximum offset of 24" (in) over 50' (ft).  
For the SOFTSTOP (TL-2) a maximum flare of 38.29 : 1 or flatter is allowed over the system length of 38' - 3 1/2" with a maximum offset of 12" (in) at the anchor post.



ELEVATION VIEW  
MSKT-SP-MGS (TL-2)  
(SEE NOTE 8)



ELEVATION VIEW  
SOFTSTOP (TL-2)  
(SEE NOTE 8)

7. For terminal details, see WSDOT approved manufacturer's drawings.
8. These terminals are supplied with steel posts only. They can be used with guardrail runs composed of steel or wood guardrail posts.



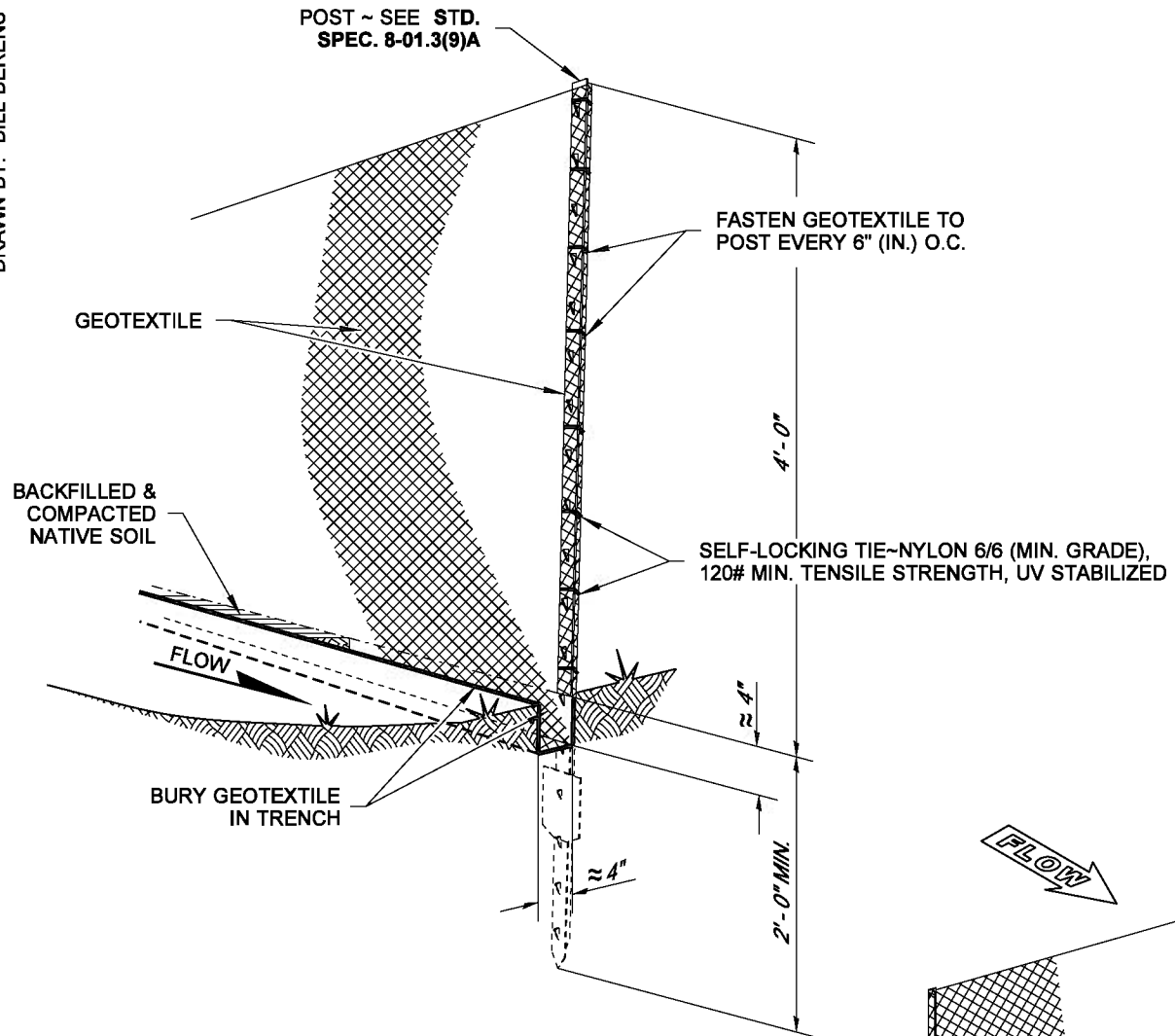
Jeff Petterson  
**BEAM GUARDRAIL TYPE 31  
 NON-FLARED TERMINAL  
 (POSTED SPEED  
 45 MPH AND BELOW)  
 STANDARD PLAN C-22.45-03**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
 Carpenter, Jeff  
 Jul 21 2017 8:25 AM  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

DRAWN BY: BILL BERENS

POST ~ SEE STD. SPEC. 8-01.3(9)A



BACKFILLED & COMPACTED NATIVE SOIL

FASTEN GEOTEXTILE TO POST EVERY 6" (IN.) O.C.

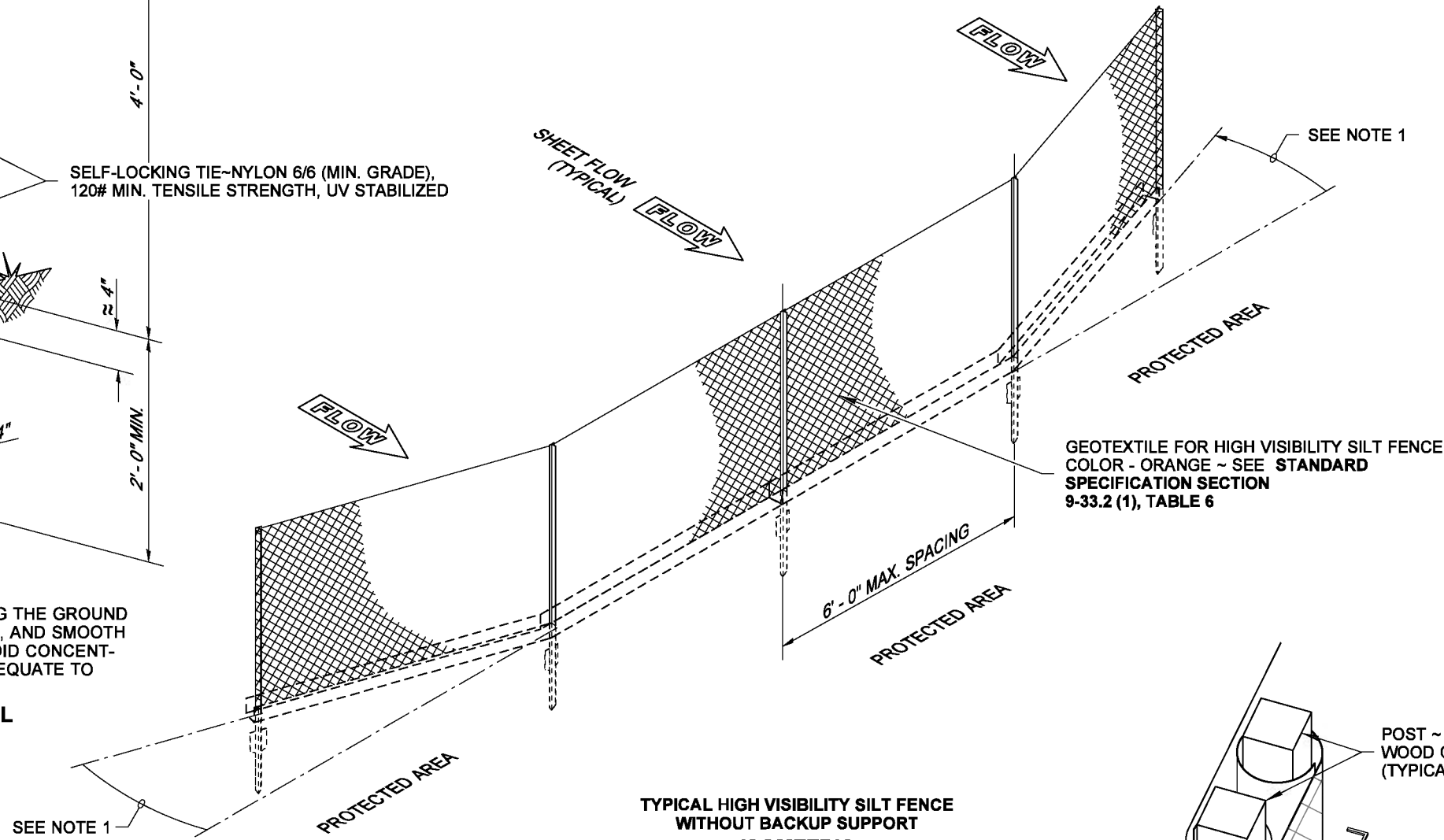
SELF-LOCKING TIE-NYLON 6/6 (MIN. GRADE), 120# MIN. TENSILE STRENGTH, UV STABILIZED

BURY GEOTEXTILE IN TRENCH

**NOTE**

DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

**TYPICAL INSTALLATION DETAIL**  
(STEEL POSTS SHOWN)

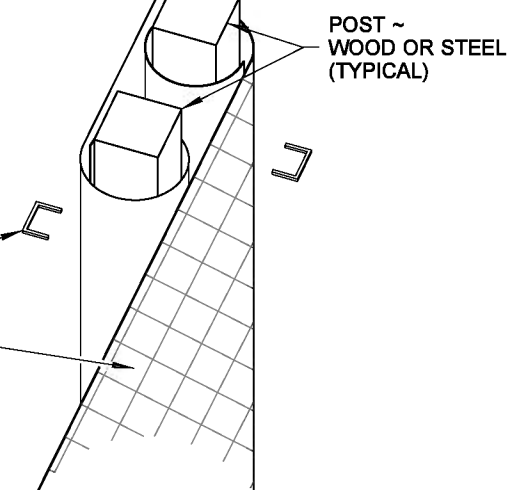


**TYPICAL HIGH VISIBILITY SILT FENCE WITHOUT BACKUP SUPPORT ISOMETRIC**  
(STEEL POSTS SHOWN)

FASTEN GEOTEXTILE TO POST EVERY 6" (IN.) O.C.

FABRIC (GEOTEXTILE) (TYPICAL)

GEOTEXTILE FOR HIGH VISIBILITY SILT FENCE COLOR - ORANGE ~ SEE STANDARD SPECIFICATION SECTION 9-33.2 (1), TABLE 6

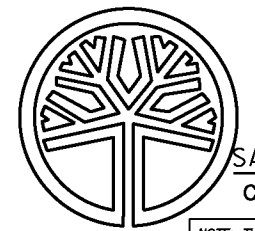


SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP. JOINING SECTIONS SHALL NOT BE PLACED IN LOW SPOTS OR IN SUMP LOCATIONS.

**SPLICE DETAIL**  
(WOOD POSTS SHOWN)

**NOTES**

1. Install the ends of the high visibility silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.
2. Perform maintenance in accordance with **Standard Specifications 8-01.3(9)A and 8-01.3(15)**.
3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
4. Install silt fencing parallel to mapped contour lines.



STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT

SANDRA L. SALISBURY  
CERTIFICATE NO. 000860

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

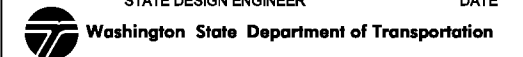
**HIGH VISIBILITY SILT FENCE**

**STANDARD PLAN I-30.17-00**

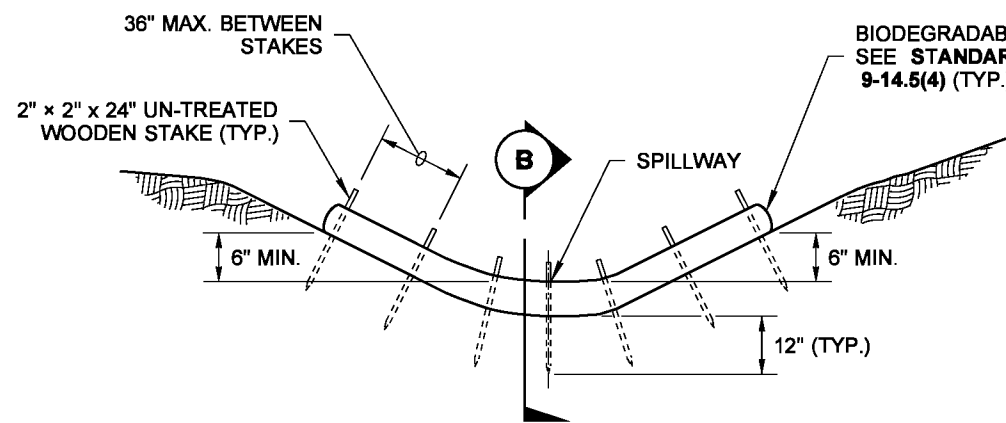
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 3/22/13  
STATE DESIGN ENGINEER DATE

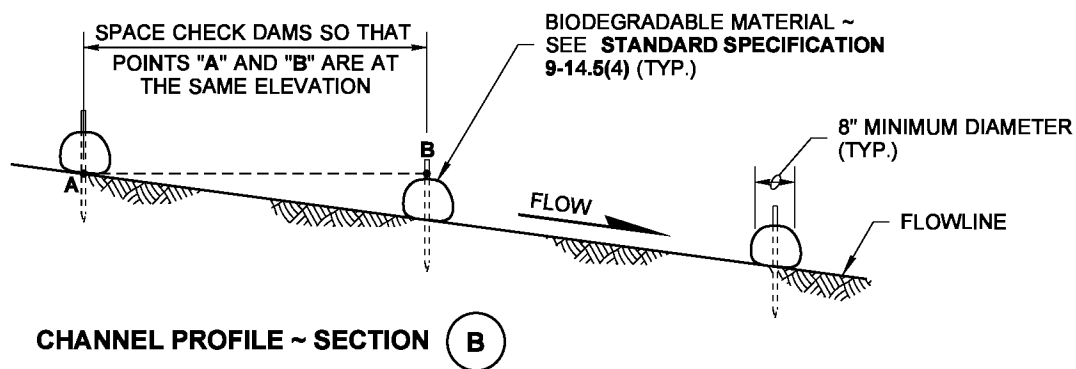


DRAWN BY: FERN LIDDELL



TYPICAL CHANNEL SECTION

**BIODEGRADABLE CHECK DAM**



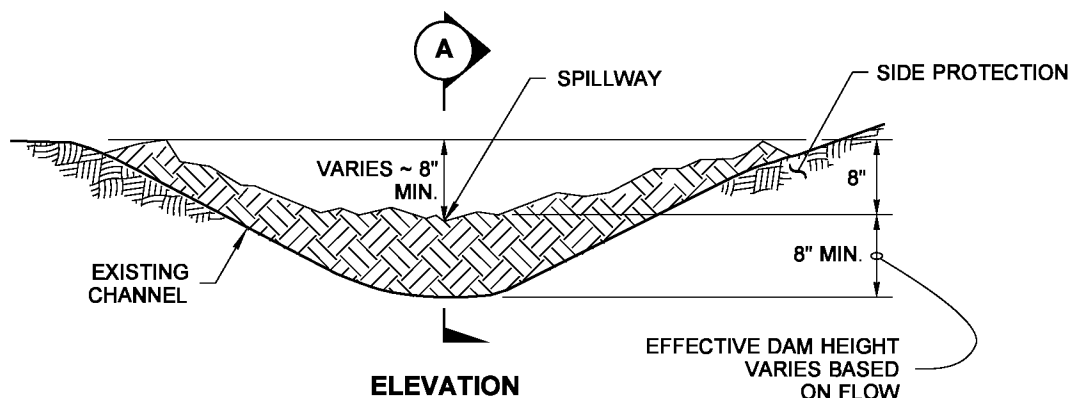
CHANNEL PROFILE ~ SECTION B

**BIODEGRADABLE CHECK DAM NOTE**

1. Biodegradable Check Dams may need additional or modified staking to prevent undercutting or scouring.

**GENERAL NOTES**

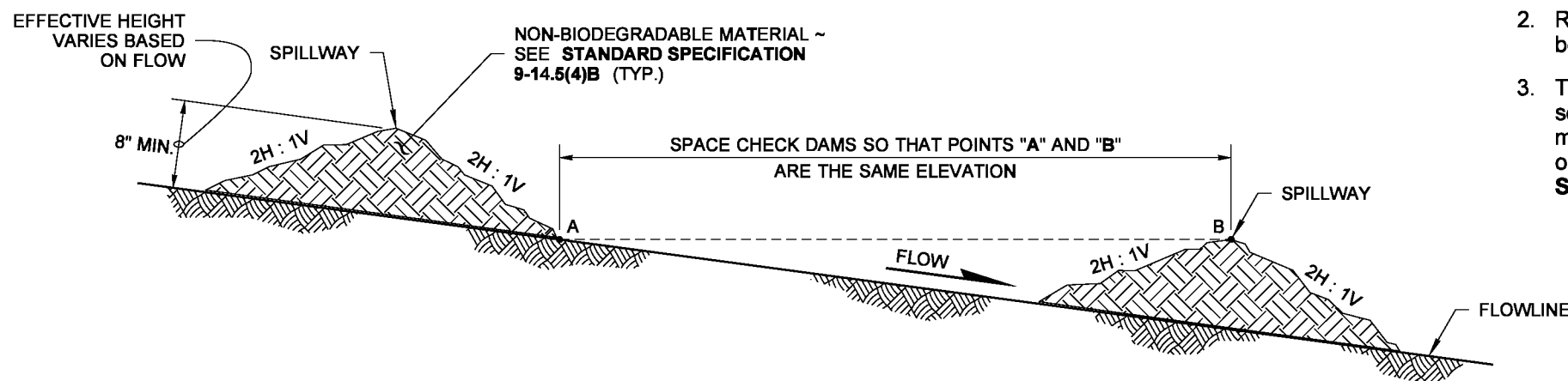
1. Check Dams shall meet the requirements of **Standard Specifications 8-01.3(6) and 9-14.5(4)**.
2. In channels, install the sloped ends of the Check Dam a minimum of 8" higher than the spillway to ensure water flows over the dam and not around it.
3. Perform maintenance in accordance with **Standard Specification 8-01.3(15)**.
4. Remove Check Dams in accordance with **Standard Specification 8-01.3(16)**.



ELEVATION

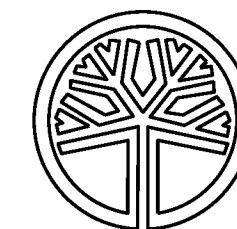
**NON-BIODEGRADABLE CHECK DAM NOTES**

1. Non-Biodegradable Manufactured Check Dam devices approved for use under **Standard Specification 9-14.5(4)** shall be installed per manufacturer's recommendations and shall perform in accordance with **Standard Specification 8-01.3(6)**.
2. Rock Check Dams shall be placed outside of the clear zone or behind traffic barrier.
3. To ensure adequate damming time, Rock Check Dams used as sediment control may need to be enhanced with plastic that meets the requirements of **Standard Specification 9-14.5(3)** or fabric that meets the geotextile requirements of **Standard Specification 9-33.2(1), Table 6**.



EXTENDED SECTION A

**NON-BIODEGRADABLE CHECK DAM**



STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
Sandra L. Salisbury  
SANDRA L. SALISBURY  
LICENSE NO. 860  
DATE: June 6, 2013

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**CHECK DAMS ON CHANNELS**  
**STANDARD PLAN I-50.20-01**  
SHEET 1 OF 1 SHEET

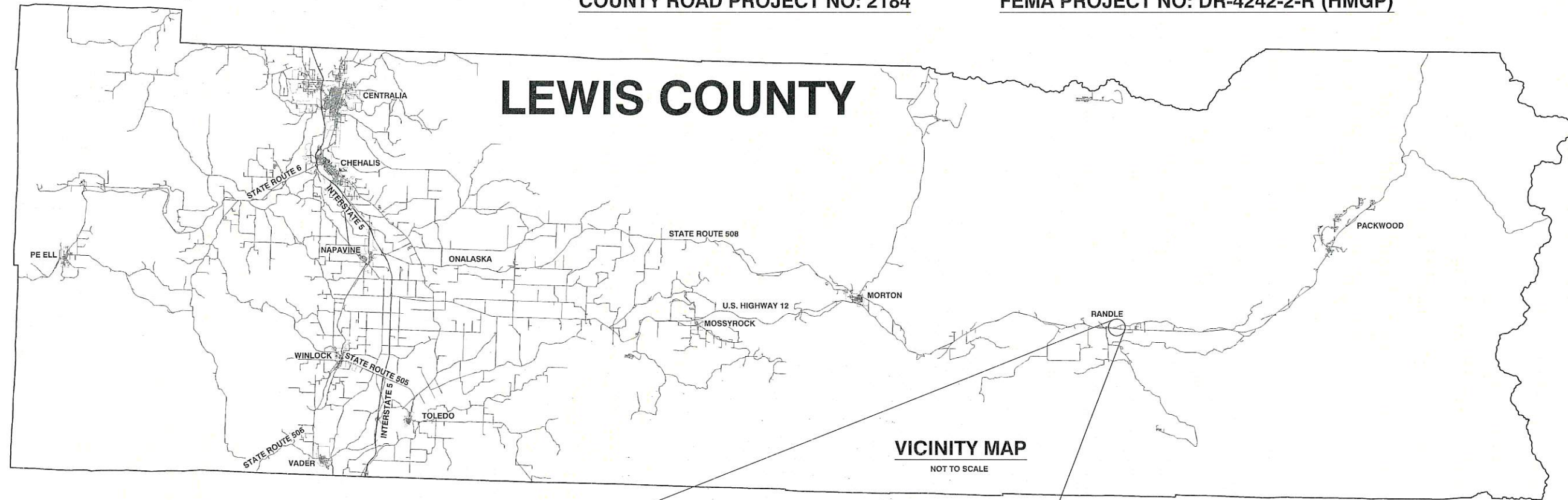
APPROVED FOR PUBLICATION  
**Pasco Bakotich III** 6/10/13  
STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation



# SILVERBROOK ROAD IMPROVEMENTS

COUNTY ROAD PROJECT NO: 2184

FEMA PROJECT NO: DR-4242-2-R (HMGP)



LEWIS COUNTY  
DEPARTMENT OF PUBLIC WORKS  
APPROVED FOR CONSTRUCTION:

*[Signature]*  
Assistant County Engineer

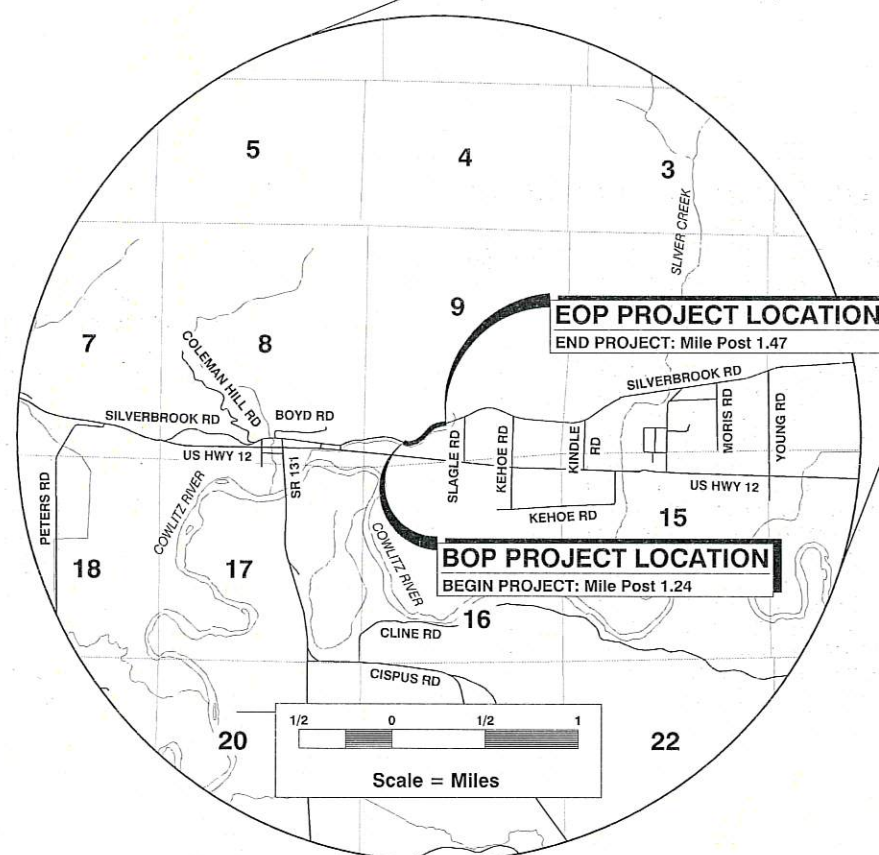
6-27-19  
Date

**COMMISSIONERS:**

EDNA J. FUND, DISTRICT 1  
ROBERT C. JACKSON, DISTRICT 2  
GARY STAMPER, DISTRICT 3













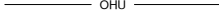


**ENGINEERING-  
DESIGN SECTION**








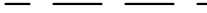
SHEET INDEX	
SHEET NO.	DESCRIPTION
1	VICINITY MAP AND SHEET INDEX
2	LEGEND
3	SUMMARY OF QUANTITIES
4	BMP PLAN STA 2+03.91 TO STA 6+00.00
5	BMP PLAN STA 6+00.00 TO STA 11+00.00
6	BMP PLAN STA 11+00.00 TO STA 13+69.00
7	PLAN AND PROFILE STA 2+03.91 TO STA 6+00.00
8	PLAN AND PROFILE STA 6+00.00 TO STA 11+00.00
9	PLAN AND PROFILE STA 11+00.00 TO STA 13+69.00
10	ROADWAY TYPICAL SECTION, SHOULDER TYPICAL SECTION, EXISTING CULVERT EXCAVATION TYPICAL SECTION
11	GABION CRIBBING WALL TYPICAL SECTION, GABION CRIBBING WALL DETAIL
12	GABION CRIBBING CULVERT DETAIL, GABION CRIBBING SIZE DETAIL, CULVERT OUTLET SLOPE PROTECTION DETAIL
13	GABION CRIBBING CONSTRUCTION DETAILS
14	TYPICAL BUTT JOINT DETAIL, TYPICAL DIGOUT DETAIL
15	TRAFFIC CONTROL PLAN, CONSTRUCTION SIGNS CLASS A

# LEGEND





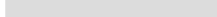





## EXISTING FEATURES


-  TELEPHONE RISER
-  DECIDUOUS TREE
-  CONIFER TREE
-  POWER POLE
-  GUY POLE
-  GUY WIRE
-  EXISTING CULVERT
-  EXISTING ROAD EDGE
-  FENCE
-  STREAM / DITCH
-  OVERHEAD UTILITIES
-  TOE
-  TOP

## SURVEY FEATURES

-  POINT OF CURVATURE
-  POINT OF INTERSECTION
- 
-  LEWIS COUNTY REBAR
-  MAG NAIL
-  RIGHT OF WAY

## NEW CONSTRUCTION FEATURES

-  CALLOUT
-  CULVERT
-  GUARDRAIL (TYPE 31)
-  DESIGN CENTERLINE
-  DESIGN ROADWAY FINISHED TOP
-  DESIGN SHOULDER FINISHED TOP
-  GABION CRIBBING
-  CULVERT OUTLET SLOPE PROTECTION
-  SILT FENCE
-  CLEARING & GRUBBING



2025 NE KRESKY AVE.  
CHEHALIS WA 98532  
PHONE # (360) 740-1123  
FAX # (360) 740-2719

DESIGNED BY : DJC  
DRAWN BY : CGA  
CHECKED BY :  
DATE :

NO.	DATE	REVISION	BY	APP.

## SILVERBROOK ROAD IMPROVEMENTS

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
LEGEND


SHEET  
2  
OF  
15



Donald J Carney, P.E.  
Senior Engineer Design  
Date: 6/27/19



SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
2	0025	CLEARING AND GRUBBING	0.38	ACRE
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LUMP SUM
GRADING				
4	0310	ROADWAY EXCAVATION INCL. HAUL	830	C.Y.
5	S.P.	SELECT BORROW INCL. HAUL (CRUSHED SURFACING BASE COURSE)	880	TON
DRAINAGE				
6	1086	QUARRY SPALLS	2	TON
7	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	49	L.F.
STRUCTURE				
8	4025	GRAVEL BACKFILL FOR WALL	25	C.Y.
SURFACING				
9	5100	CRUSHED SURFACING BASE COURSE	2065	TON
10	5120	CRUSHED SURFACING TOP COURSE	560	TON
11	S.P.	SHOULDER FINISHING	0.41	MILE
HOT MIX ASPHALT				
12	5767	HMA CL. 1/2 IN. PG 58H-22	560	TON
EROSION CONTROL AND ROADSIDE PLANTING				
13	6463	CHECK DAM	25	L.F.
14	6635	HIGH VISIBILITY SILT FENCE	1200	L.F.
15	6490	EROSION / WATER POLLUTION CONTROL	EST.	DOLLAR
TRAFFIC				
16	6712	BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST	931.25	L.F.
17	6719	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	2	EACH
18	6806	PAINT LINE	3118	L.F.
19	6971	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
20	6982	CONSTRUCTION SIGNS CLASS A	143	S.F.
OTHER ITEMS				
21	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	155	C.Y.
22	S.P.	GRAVEL BACKFILL FOR FOUNDATION CLASS A (C.S.B.C.)	14	C.Y.
23	7150	GABION CRIBBING	28	C.Y.
24	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
25	7530	CONSTRUCTION GEOTEXTILE FOR SEPARATION	30	S.Y.
26	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
27	7728	MINOR CHANGE	CALC.	DOLLAR
28	7736	SPCC PLAN	LUMP SUM	LUMP SUM



2025 NE KRESKY AVE.  
CHEHALIS WA 98532  
PHONE # (360) 740-1123  
FAX # (360) 740-2719

DESIGNED BY : DJC  
DRAWN BY : CGA  
CHECKED BY :  
DATE :

NO.	DATE	REVISION	BY	APP.

## SILVERBROOK ROAD IMPROVEMENTS

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
SUMMARY OF QUANTITIES

SHEET  
**3**  
OF  
**15**

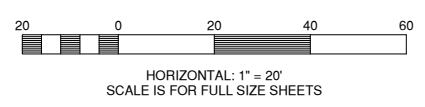
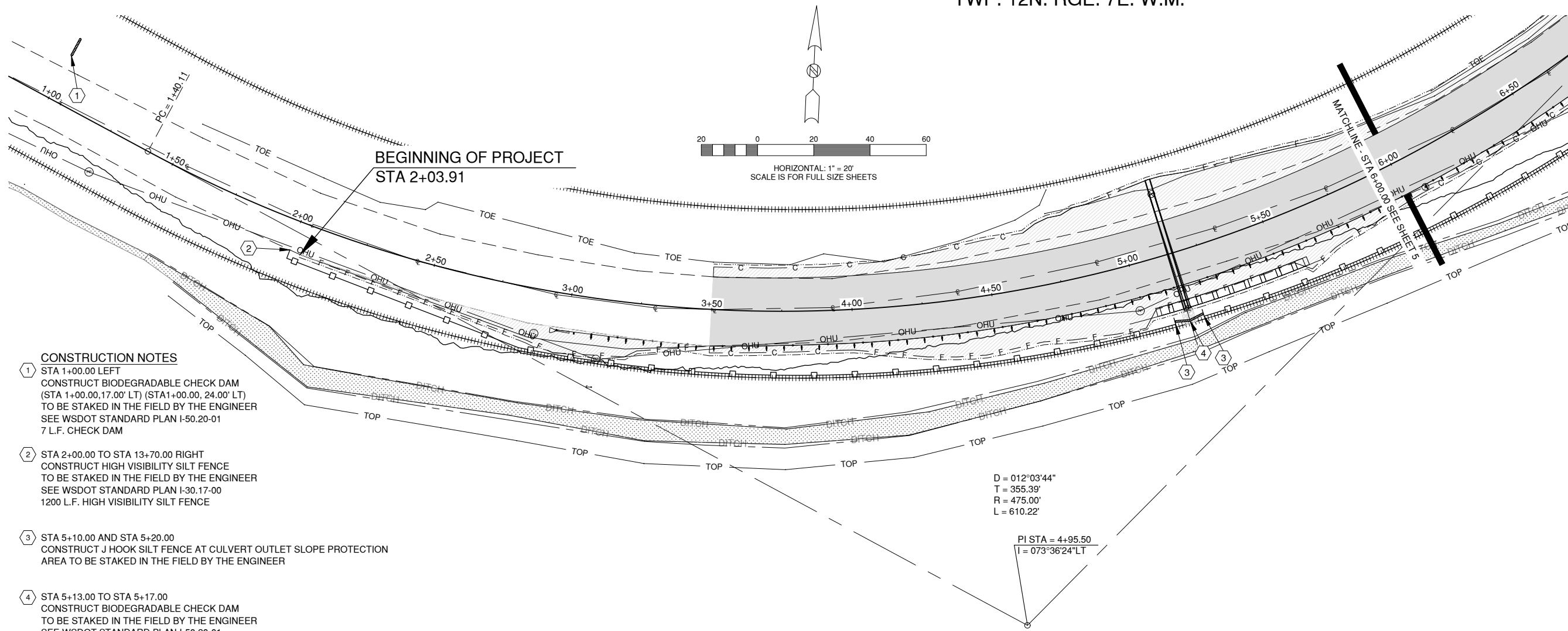


Donald J Carney, P.E.  
Senior Engineer Design  
*Donald J. Carney*  
Date: 6/27/19





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- CONSTRUCTION NOTES**
- 1 STA 1+00.00 LEFT  
CONSTRUCT BIODEGRADABLE CHECK DAM  
(STA 1+00.00, 17.00' LT) (STA 1+00.00, 24.00' LT)  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN I-50.20-01  
7 L.F. CHECK DAM
  - 2 STA 2+00.00 TO STA 13+70.00 RIGHT  
CONSTRUCT HIGH VISIBILITY SILT FENCE  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN I-30.17-00  
1200 L.F. HIGH VISIBILITY SILT FENCE
  - 3 STA 5+10.00 AND STA 5+20.00  
CONSTRUCT J HOOK SILT FENCE AT CULVERT OUTLET SLOPE PROTECTION  
AREA TO BE STAKED IN THE FIELD BY THE ENGINEER
  - 4 STA 5+13.00 TO STA 5+17.00  
CONSTRUCT BIODEGRADABLE CHECK DAM  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN I-50.20-01  
11 L.F. CHECK DAM

D = 012°03'44"  
T = 355.39'  
R = 475.00'  
L = 610.22'

PI STA = 4+95.50  
I = 073°36'24"LT

**BMP LEGEND**

- ===== APE
- □ — □ — HIGH VISIBILITY SILT FENCE
- --- --- CLEAR AND GRUB LIMITS
- F - F - F - F - F - F - FILL
- C - C - C - C - C - CUT
- > - > - FLOW LINE
- — — — — EXISTING RIGHT OF WAY
- — — — — ORDINARY HIGH WATER
- ===== FEMA PRELIMINARY 100 YEAR FLOODPLAIN
- ===== BIODEGRADABLE CHECK DAM
- ===== JURISDICTIONAL DRAINAGE DITCH
- ===== DESIGN ROADWAY FINISHED TOP
- ===== DESIGN SHOULDER FINISHED TOP

2025 NE KRESKY AVE.  
CHEHALIS WA 98532  
PHONE # (360) 740-1123  
FAX # (360) 740-1479

DESIGNED BY : DJC	NO.	DATE	BY	APP.
DRAWN BY : CGA				
CHECKED BY :				
DATE :				

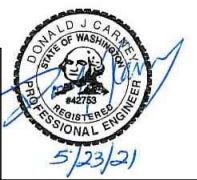
**SILVERBROOK ROAD IMPROVEMENTS**

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
BMP PLAN  
STA 2+03.91 TO STA 6+00.00

SHEET  
**4**  
OF  
**15**

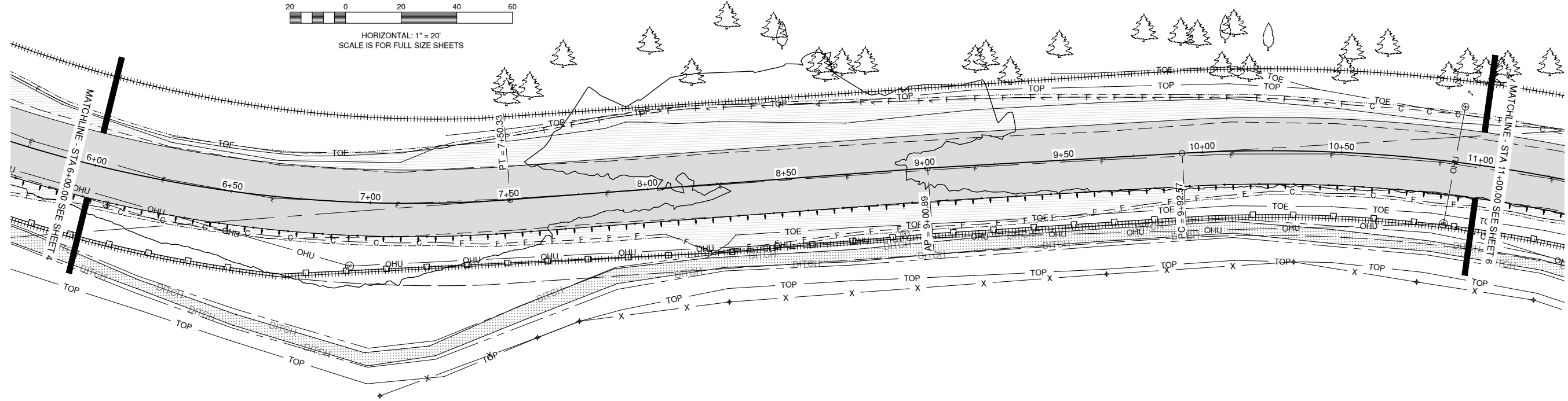
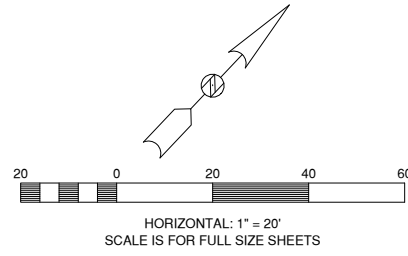


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Senior Engineer Design  
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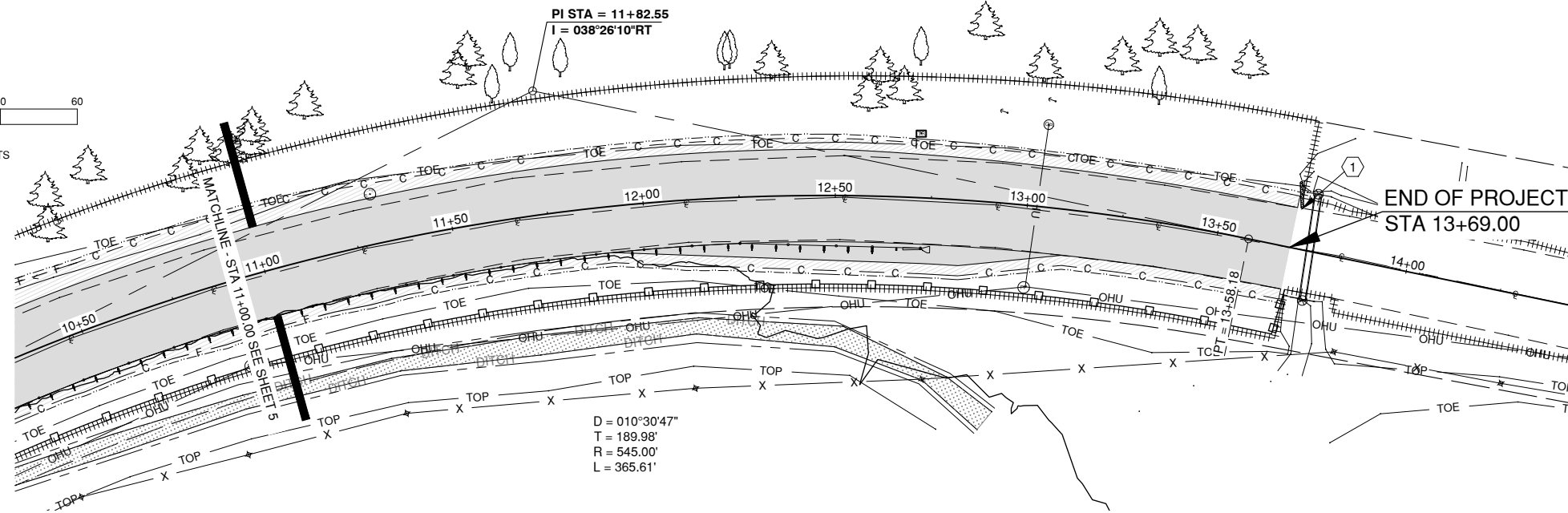
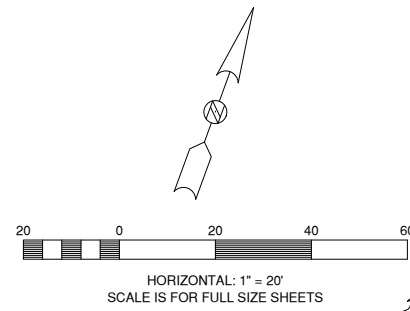
FEMA PROJECT NO: DR-4242-2-R (HMGP)  
 COUNTY PROJECT NO: 2184  
 BMP PLAN  
 STA 6+00.00 TO STA 11+00.00

SHEET  
**5**  
 OF  
**15**



Donald J Carney, P.E.  
 Senior Engineer Design  
*Donald J. Carney*  
 Date: 6/27/19





- CONSTRUCTION NOTES**
- ① STA 13+68.65 TO STA 13+70.30 LEFT  
CONSTRUCT BIODEGRADABLE CHECK DAM  
(STA 13+68.65, 17.35' LT) (STA 13+70.30, 10.54' LT)  
SEE WSDOT STANDARD PLAN I-50.20-01  
7 L.F. CHECK DAM

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DATE :

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**SILVERBROOK ROAD IMPROVEMENTS**

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
BMP PLAN  
STA 11+00.00 TO STA 13+69.00

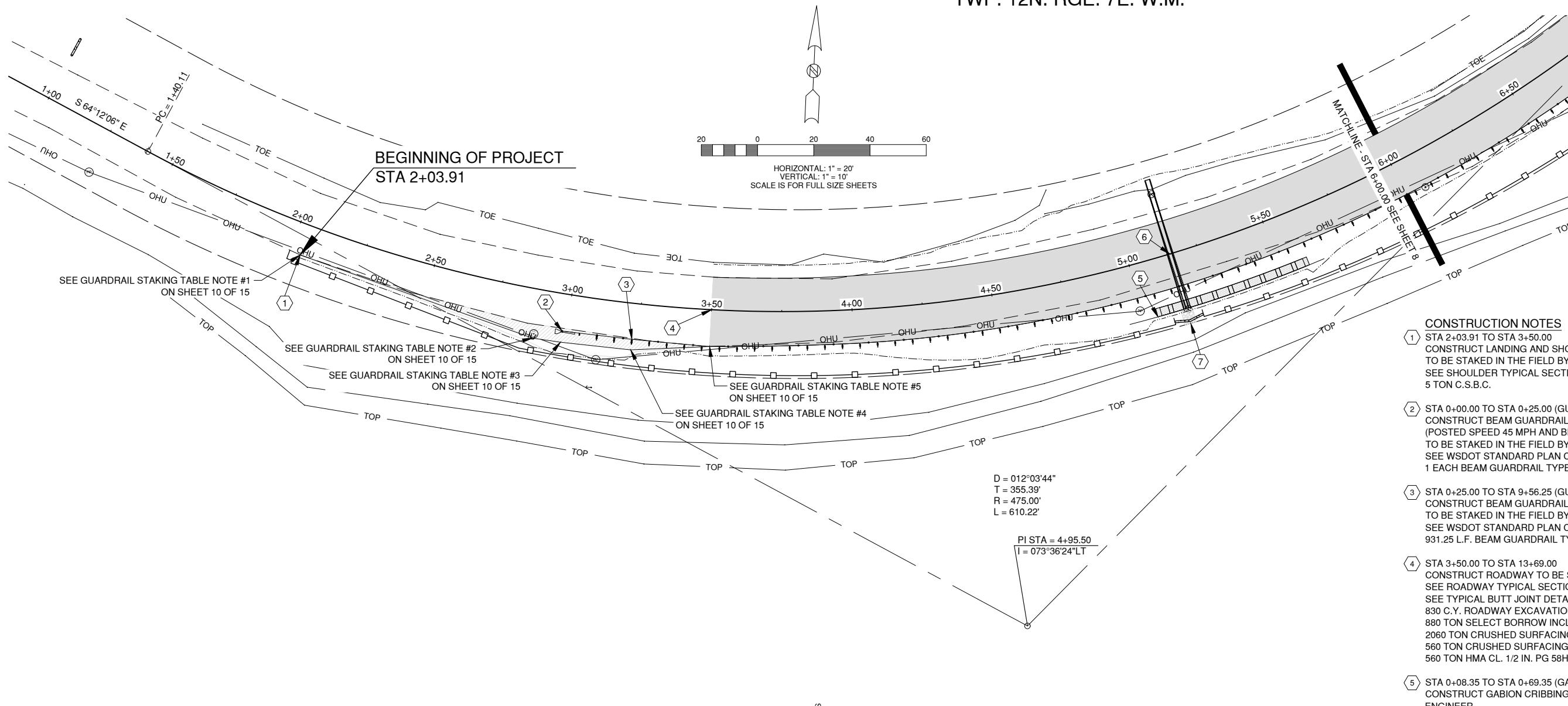
SHEET  
**6**  
OF  
**15**



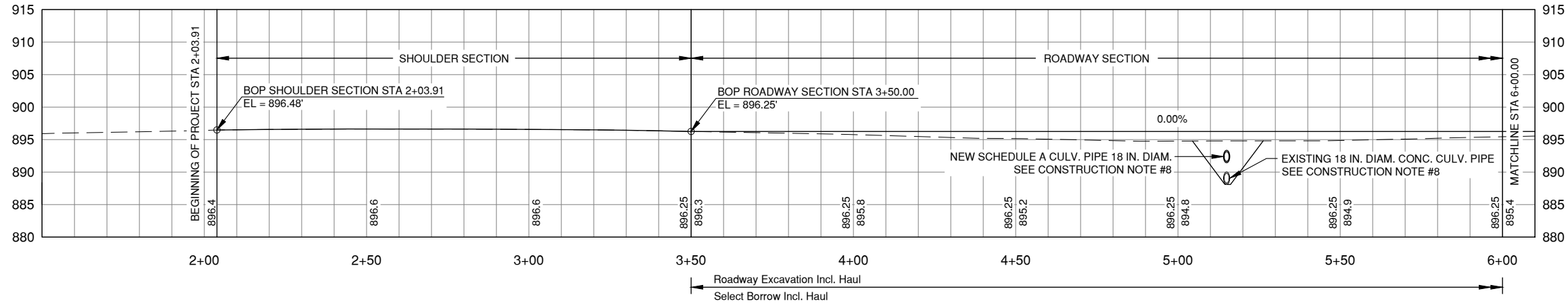
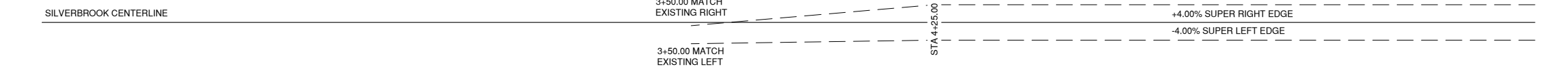
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Senior Engineer Design  
*Donald J. Carney*  
Date: 6/27/19



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- CONSTRUCTION NOTES**
- 1 STA 2+03.91 TO STA 3+50.00  
CONSTRUCT LANDING AND SHOULDER  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE SHOULDER TYPICAL SECTION ON SHEET 10 OF 15  
5 TON C.S.B.C.
  - 2 STA 0+00.00 TO STA 0+25.00 (GUARDRAIL ALIGNMENT)  
CONSTRUCT BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL  
(POSTED SPEED 45 MPH AND BELOW)  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN C-22.45-03  
1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
  - 3 STA 0+25.00 TO STA 9+56.25 (GUARDRAIL ALIGNMENT)  
CONSTRUCT BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN C-20.10-04  
931.25 L.F. BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST
  - 4 STA 3+50.00 TO STA 13+69.00  
CONSTRUCT ROADWAY TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE ROADWAY TYPICAL SECTION ON SHEET 10 OF 15  
SEE TYPICAL BUTT JOINT DETAIL ON SHEET 14 OF 15  
830 C.Y. ROADWAY EXCAVATION INCL. HAUL  
880 TON SELECT BORROW INCL. HAUL  
2060 TON CRUSHED SURFACING BASE COURSE  
560 TON CRUSHED SURFACING TOP COURSE  
560 TON HMA CL. 1/2 IN. PG 58H-22
  - 5 STA 0+08.35 TO STA 0+69.35 (GABION CRIBBING WALL ALIGNMENT)  
CONSTRUCT GABION CRIBBING TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE GABION CRIBBING WALL TYPICAL SECTION ON SHEET 11 OF 15  
SEE GABION CRIBBING WALL DETAIL ON SHEET 11 OF 15  
65 C.Y. STRUCTURE EXCAVATION CLASS B INCL. HAUL  
14 C.Y. GRAVEL BACKFILL FOR FOUNDATION CLASS A (C.S.B.C.)  
25 C.Y. GRAVEL BACKFILL FOR WALL  
30 S.Y. CONSTRUCTION GEOTEXTILE FOR SEPARATION  
28 C.Y. GABION CRIBBING
  - 6 STA 5+15.00  
REMOVE EXISTING 18 IN. DIAM. CONCRETE CULVERT PIPE AND CONCRETE HEADWALL  
SEE EXISTING CULVERT EXCAVATION TYPICAL SECTION ON SHEET 10 OF 15  
90 C.Y. STRUCTURE EXCAVATION CLASS B INCL. HAUL  
1 L.S. REMOVAL OF STRUCTURES AND OBSTRUCTIONS  
CONSTRUCT SCHEDULE A CULV. PIPE 18 IN. DIAM. 49' LONG  
TO BE STAKED IN THE FIELD BY THE ENGINEER  
INLET INVERT = 891.90 (STA 5+15.00, 27.49' LT)  
OUTLET INVERT = 891.45 (STA 5+15.00, 20.80' RT)  
SEE WSDOT STANDARD PLAN B-55.20-02
  - 7 STA 5+13.00 TO STA 5+17.00  
CONSTRUCT CULVERT OUTLET SLOPE PROTECTION  
SEE CULVERT OUTLET SLOPE PROTECTION DETAIL ON SHEET 12 OF 15  
2 TON QUARRY SPALLS



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CHEHALIS WA 98532  
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DATE :

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SILVERBROOK ROAD IMPROVEMENTS

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184

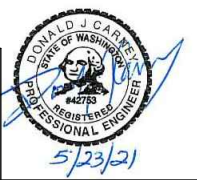
PLAN AND PROFILE  
STA 2+03.91 TO STA 6+00.00

SHEET  
7  
OF  
15



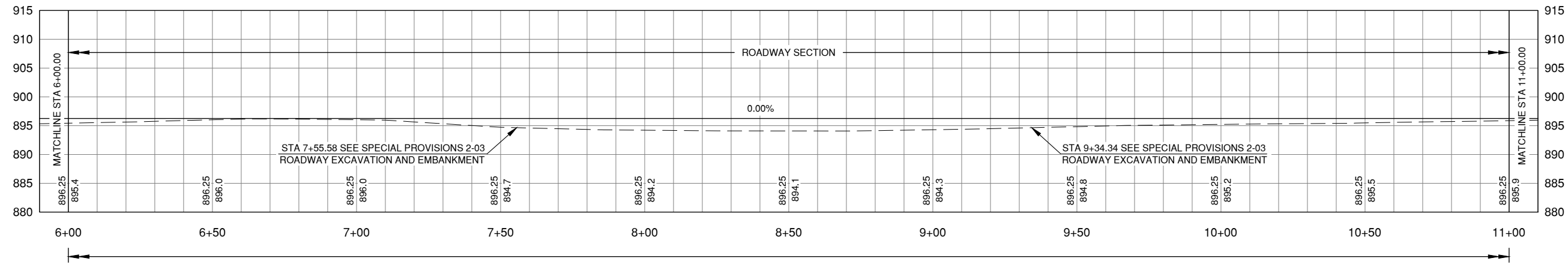
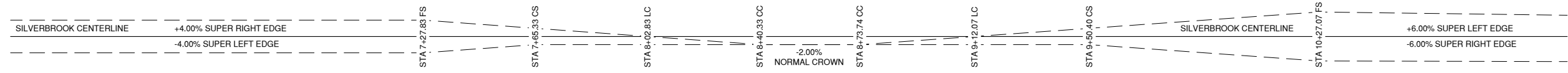
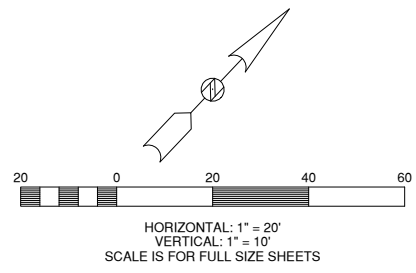
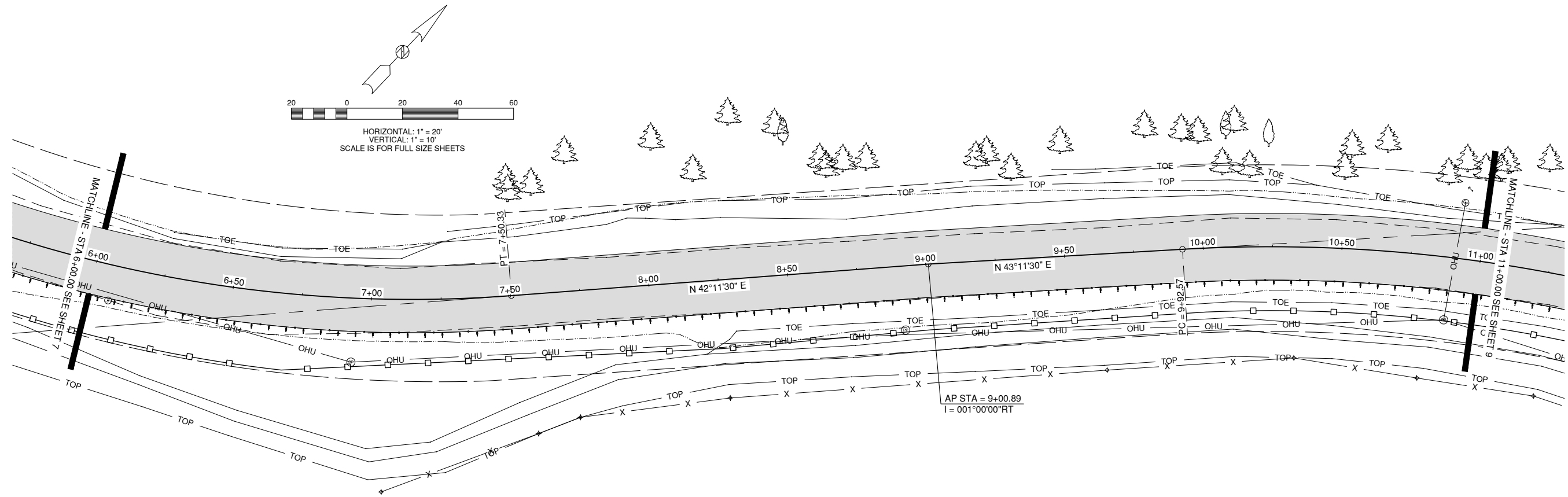
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Senior Engineer Design

Date: 6/27/19



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**SILVERBROOK ROAD IMPROVEMENTS**

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
 COUNTY PROJECT NO: 2184  
 PLAN AND PROFILE  
 STA 6+00.00 TO STA 11+00.00

SHEET  
**8**  
 OF  
**15**

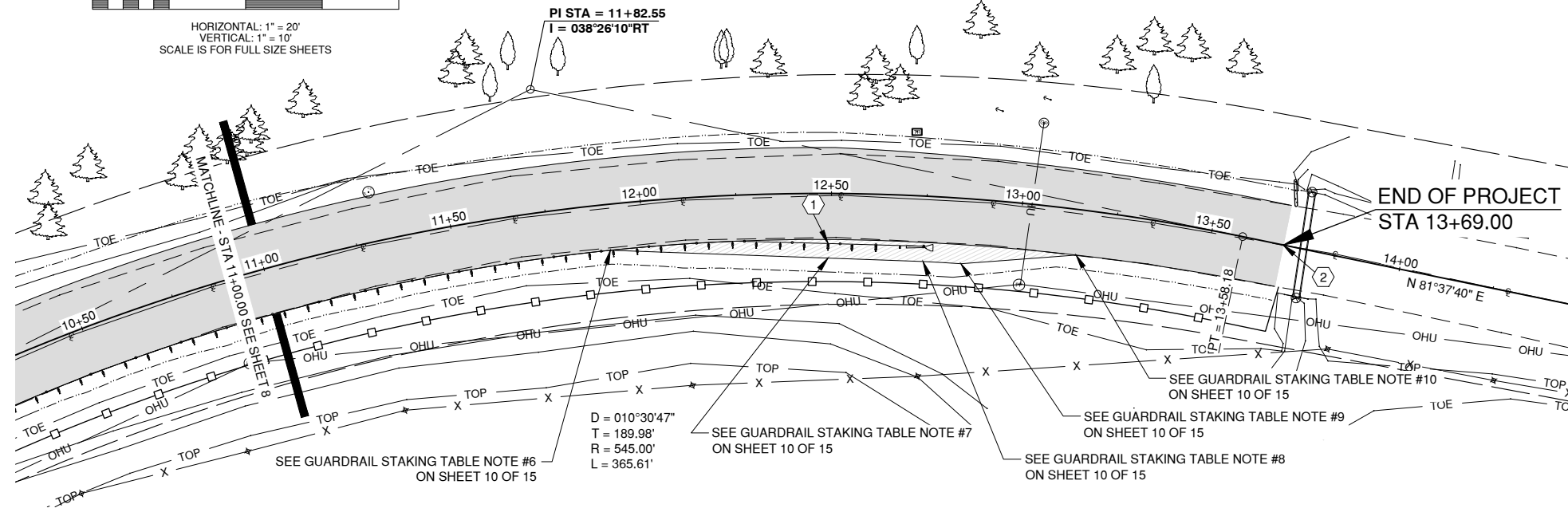
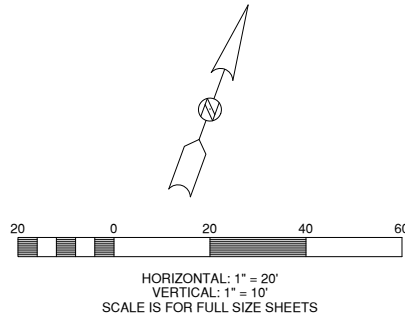


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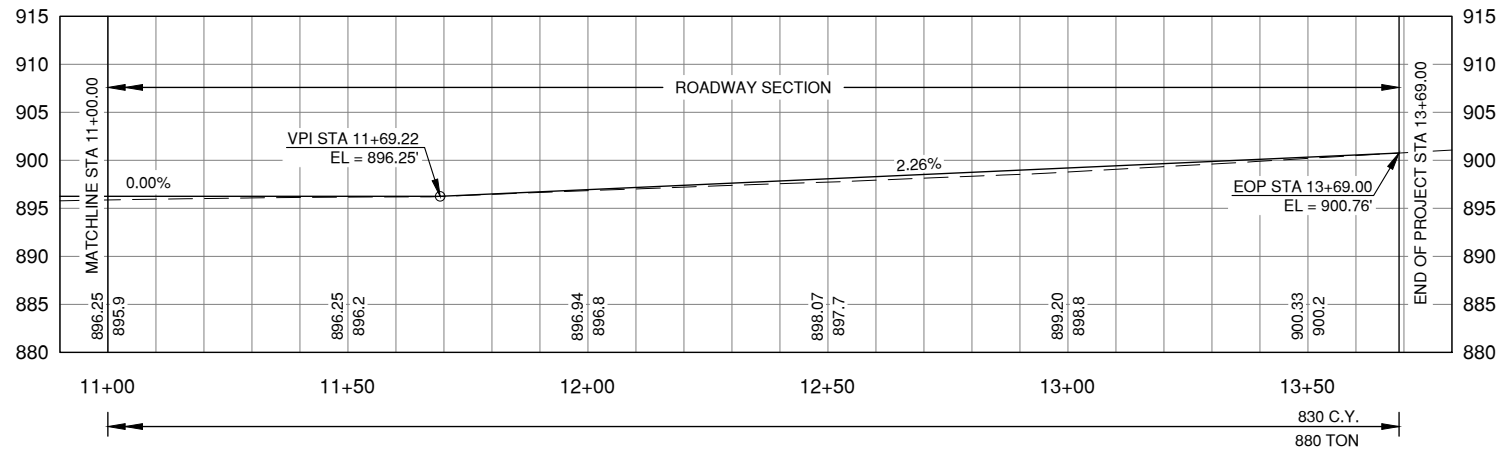




TWP. 12N. RGE. 7E. W.M.



- CONSTRUCTION NOTES**
- ① STA 9+56.25 TO STA 9+81.25 (GUARDRAIL ALIGNMENT)  
CONSTRUCT BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (POSTED SPEED 45 MPH AND BELOW) TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE WSDOT STANDARD PLAN C-22.45-03  
1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
  - ② STA 13+69.00  
END CONSTRUCT ROADWAY, TO BE STAKED IN THE FIELD BY THE ENGINEER  
SEE ROADWAY TYPICAL SECTION ON SHEET 10 OF 15  
SEE TYPICAL BUTT JOINT DETAIL ON SHEET 14 OF 15



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DATE :

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**SILVERBROOK ROAD IMPROVEMENTS**

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
PLAN AND PROFILE  
STA 11+00.00 TO STA 13+69.00

SHEET  
**9**  
OF  
**15**



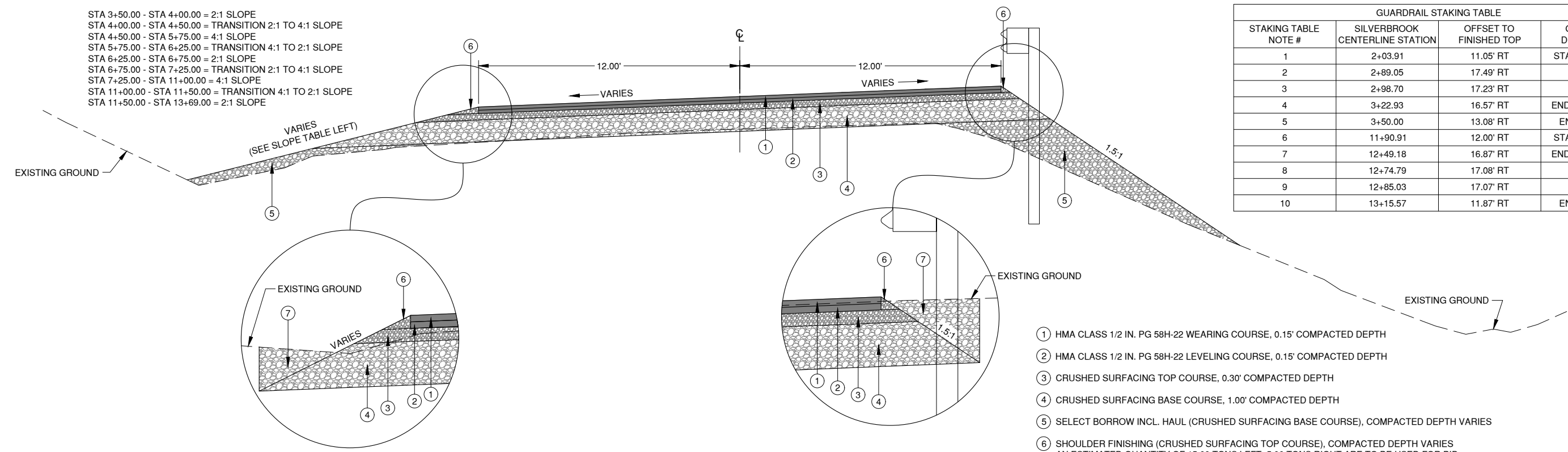
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Date: 6/27/19



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**SLOPE TABLE LEFT**

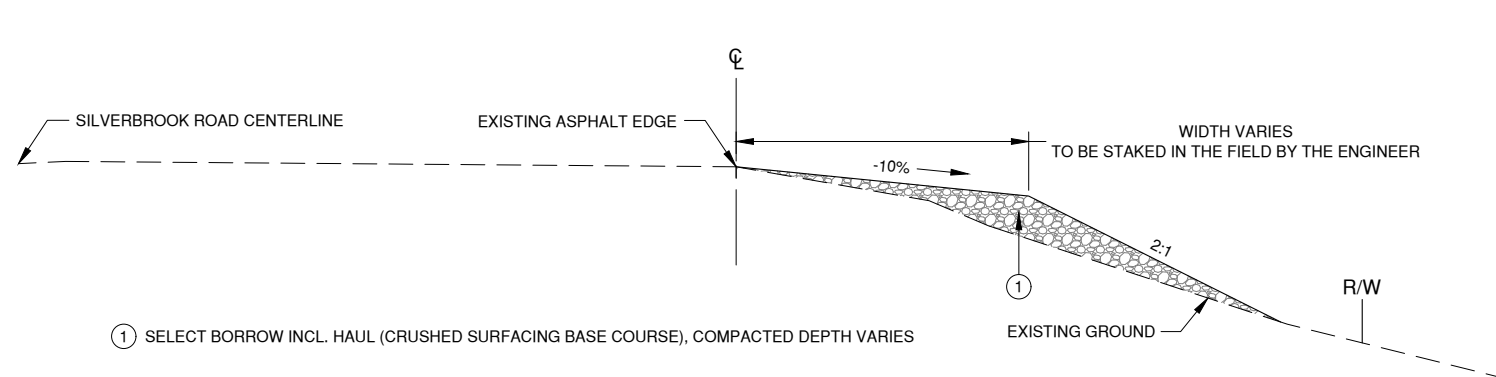
STA 3+50.00 - STA 4+00.00 = 2:1 SLOPE  
 STA 4+00.00 - STA 4+50.00 = TRANSITION 2:1 TO 4:1 SLOPE  
 STA 4+50.00 - STA 5+75.00 = 4:1 SLOPE  
 STA 5+75.00 - STA 6+25.00 = TRANSITION 4:1 TO 2:1 SLOPE  
 STA 6+25.00 - STA 6+75.00 = 2:1 SLOPE  
 STA 6+75.00 - STA 7+25.00 = TRANSITION 2:1 TO 4:1 SLOPE  
 STA 7+25.00 - STA 11+00.00 = 4:1 SLOPE  
 STA 11+00.00 - STA 11+50.00 = TRANSITION 4:1 TO 2:1 SLOPE  
 STA 11+50.00 - STA 13+69.00 = 2:1 SLOPE



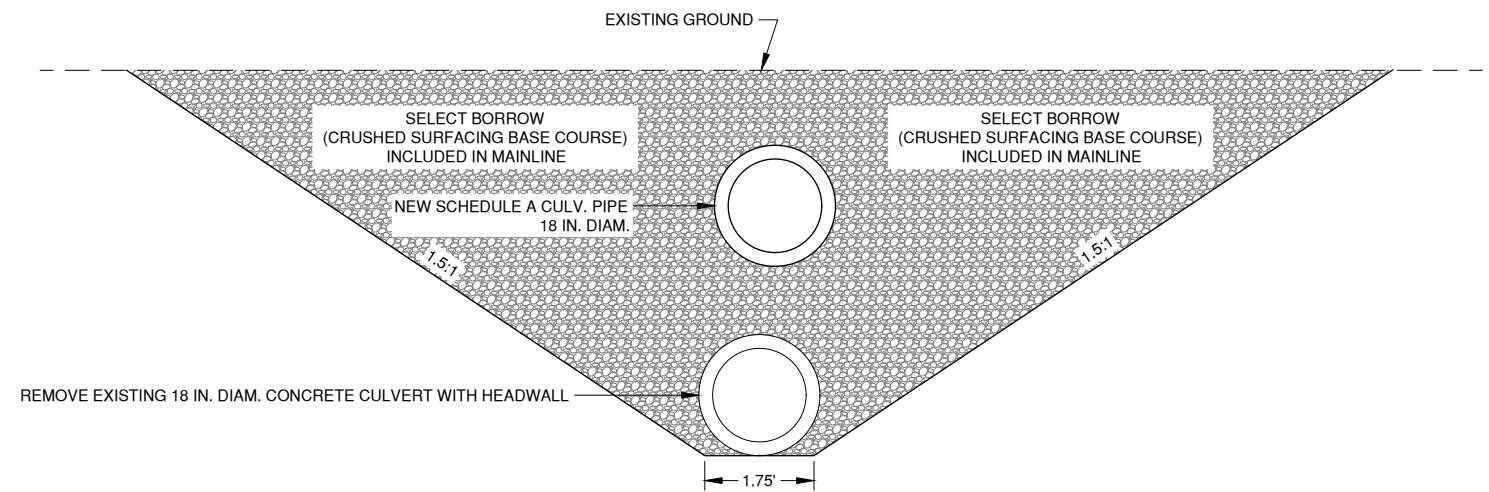
GUARDRAIL STAKING TABLE			
STAKING TABLE NOTE #	SILVERBROOK CENTERLINE STATION	OFFSET TO FINISHED TOP	GUARDRAIL DESCRIPTION
1	2+03.91	11.05' RT	START OF TAPER
2	2+89.05	17.49' RT	LANDING
3	2+98.70	17.23' RT	LANDING
4	3+22.93	16.57' RT	END OF TERMINAL
5	3+50.00	13.08' RT	END OF TAPER
6	11+90.91	12.00' RT	START OF TAPER
7	12+49.18	16.87' RT	END OF TERMINAL
8	12+74.79	17.08' RT	LANDING
9	12+85.03	17.07' RT	LANDING
10	13+15.57	11.87' RT	END OF TAPER

**ROADWAY TYPICAL SECTION**  
 STATION 3+50.00 TO STATION 13+69.00  
 NOT TO SCALE

- ① HMA CLASS 1/2 IN. PG 58H-22 WEARING COURSE, 0.15' COMPACTED DEPTH
- ② HMA CLASS 1/2 IN. PG 58H-22 LEVELING COURSE, 0.15' COMPACTED DEPTH
- ③ CRUSHED SURFACING TOP COURSE, 0.30' COMPACTED DEPTH
- ④ CRUSHED SURFACING BASE COURSE, 1.00' COMPACTED DEPTH
- ⑤ SELECT BORROW INCL. HAUL (CRUSHED SURFACING BASE COURSE), COMPACTED DEPTH VARIES
- ⑥ SHOULDER FINISHING (CRUSHED SURFACING TOP COURSE), COMPACTED DEPTH VARIES AN ESTIMATED QUANTITY OF 15.00 TONS LEFT, 5.00 TONS RIGHT ARE TO BE USED FOR BID PURPOSES ONLY (SEE GUARDRAIL STAKING TABLE ON THIS SHEET)
- ⑦ CRUSHED SURFACING BASE COURSE, COMPACTED DEPTH VARIES



**SHOULDER TYPICAL SECTION**  
 STATION 2+03.91 TO STATION 3+50.00  
 NOT TO SCALE



**EXISTING CULVERT EXCAVATION TYPICAL SECTION**  
 NOT TO SCALE

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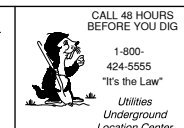
DESIGNED BY : DJC  
 DRAWN BY : CGA  
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 DATE :

NO.	DATE	REVISION	BY	APP.

**SILVERBROOK ROAD IMPROVEMENTS**

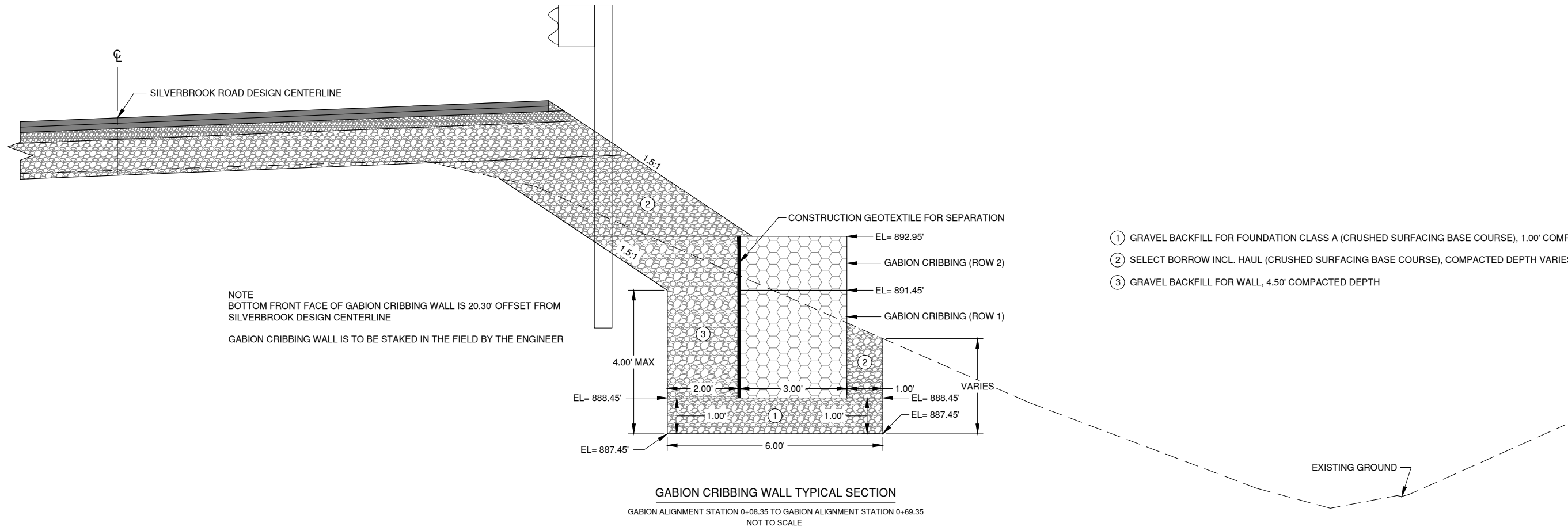
FEMA PROJECT NO: DR-4242-2-R (HMGP)  
 COUNTY PROJECT NO: 2184  
 ROADWAY TYPICAL SECTION  
 SHOULDER TYPICAL SECTION  
 EXISTING CULVERT EXCAVATION TYPICAL SECTION

SHEET  
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**15**



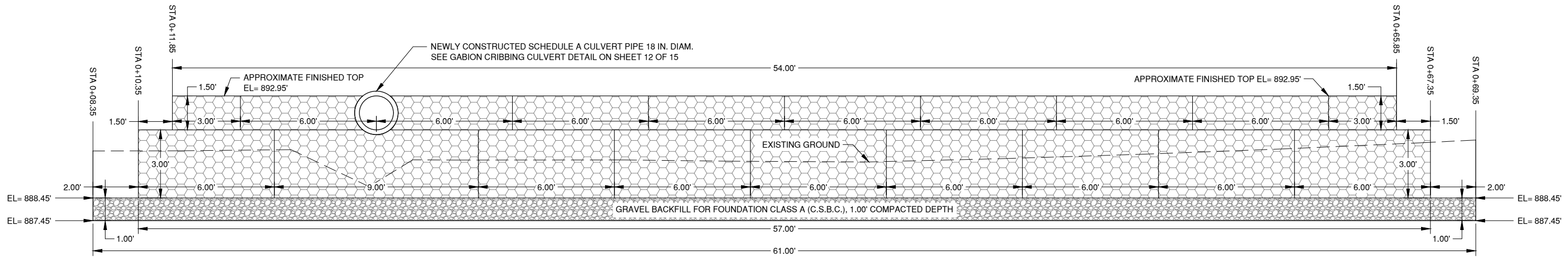
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- ① GRAVEL BACKFILL FOR FOUNDATION CLASS A (CRUSHED SURFACING BASE COURSE), 1.00' COMPACTED DEPTH
- ② SELECT BORROW INCL. HAUL (CRUSHED SURFACING BASE COURSE), COMPACTED DEPTH VARIES
- ③ GRAVEL BACKFILL FOR WALL, 4.50' COMPACTED DEPTH

**GABION CRIBBING WALL TYPICAL SECTION**  
 GABION ALIGNMENT STATION 0+08.35 TO GABION ALIGNMENT STATION 0+69.35  
 NOT TO SCALE



**GABION CRIBBING WALL DETAIL**  
 GABION ALIGNMENT STATION 0+08.35 TO GABION ALIGNMENT STATION 0+69.35  
 NOT TO SCALE

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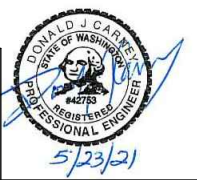
**SILVERBROOK ROAD IMPROVEMENTS**

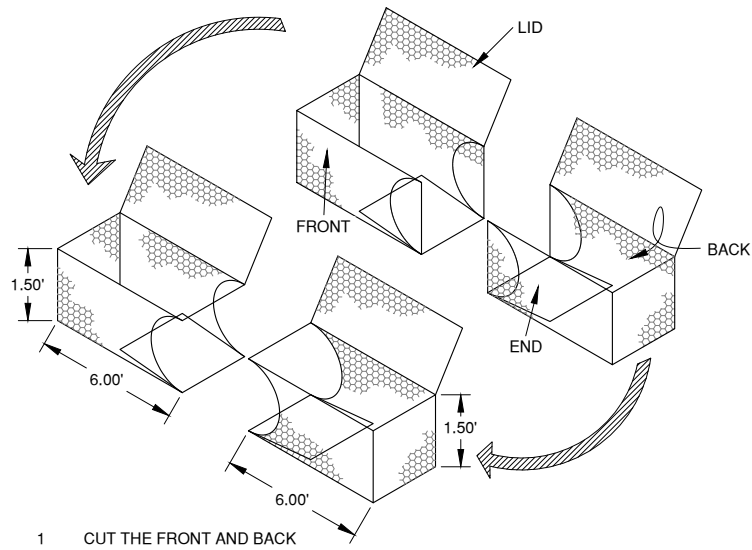
FEMA PROJECT NO: DR-4242-2-R (HMGP)  
 COUNTY PROJECT NO: 2184  
 GABION CRIBBING WALL TYPICAL SECTION  
 GABION CRIBBING WALL DETAIL

SHEET  
**11**  
 OF  
**15**

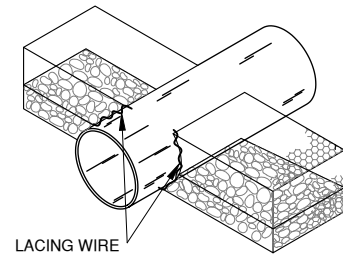


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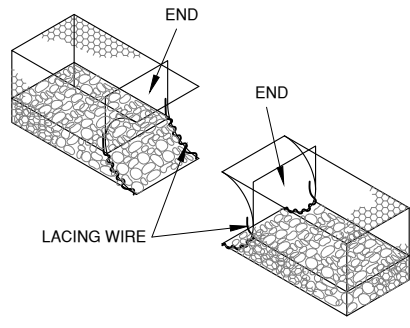




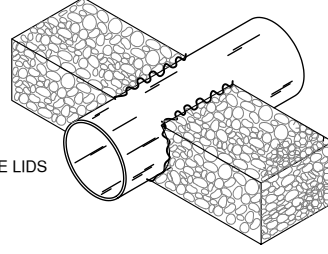
2 PLACE THE PIPE AND LIFT END PANELS AROUND PIPE AND TIE THEM TOGETHER AT TOP OF PIPE



3 TIE EDGES ALONG THE PERIMETER OF THE VERTICAL PANELS AND HAND FILL AND HAND PACK ROCK FILL UNDER AND AROUND PIPE AREA.

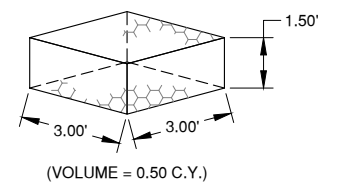
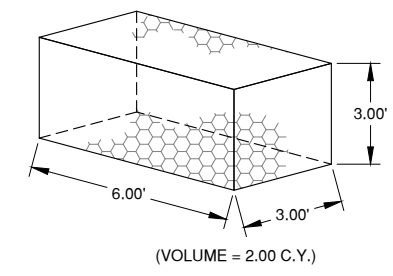
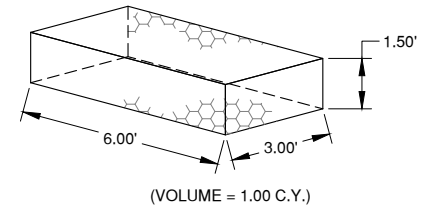
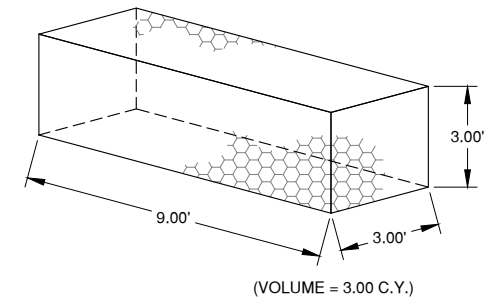


4 COMPLETE FILLING AND CLOSE LIDS



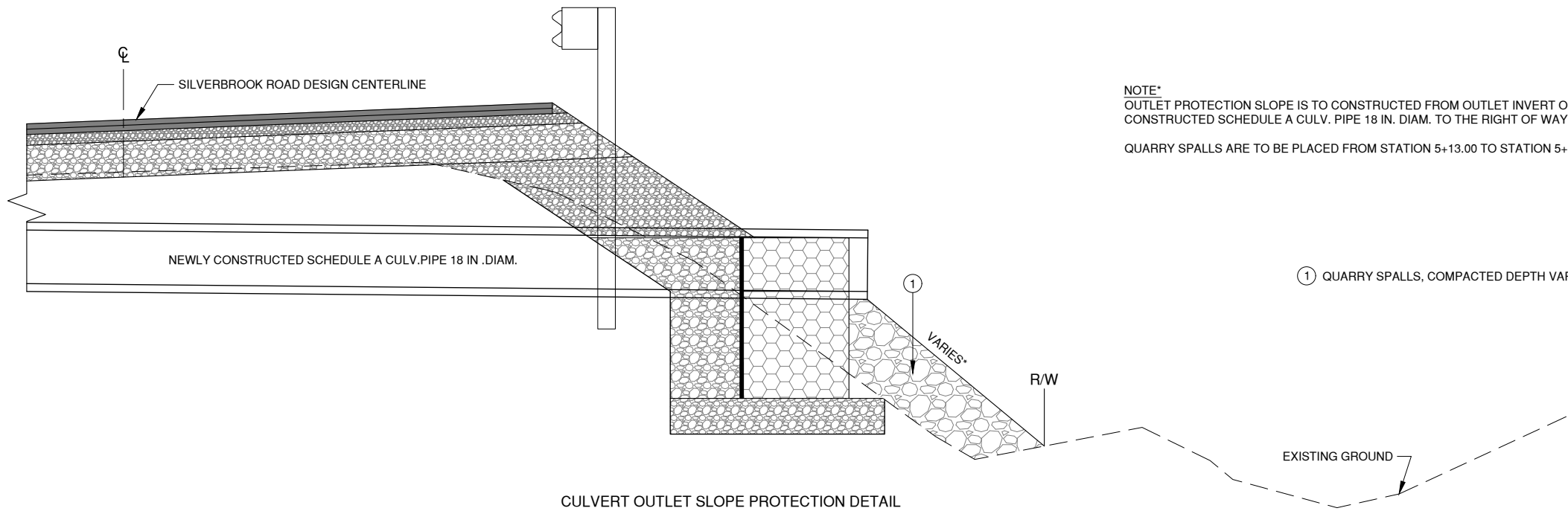
GABION CRIBBING CULVERT DETAIL

NOT TO SCALE



GABION CRIBBING SIZE DETAIL

NOT TO SCALE



CULVERT OUTLET SLOPE PROTECTION DETAIL

STATION 5+13.00 TO STATION 5+17.00  
NOT TO SCALE

NOTE\*  
OUTLET PROTECTION SLOPE IS TO CONSTRUCTED FROM OUTLET INVERT OF NEWLY CONSTRUCTED SCHEDULE A CULV. PIPE 18 IN. DIAM. TO THE RIGHT OF WAY  
QUARRY SPALLS ARE TO BE PLACED FROM STATION 5+13.00 TO STATION 5+17.00.

① QUARRY SPALLS, COMPACTED DEPTH VARIES

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DESIGNED BY : DJC  
DRAWN BY : CGA  
CHECKED BY :  
DATE :

NO.	DATE	REVISION	BY	APP.

SILVERBROOK ROAD IMPROVEMENTS

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
COUNTY PROJECT NO: 2184  
GABION CRIBBING CULVERT DETAIL  
GABION CRIBBING SIZE DETAIL  
CULVERT OUTLET SLOPE PROTECTION DETAIL

SHEET  
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OF  
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CALL 48 HOURS BEFORE YOU DIG  
1-800-424-5555  
"It's the Law"  
Utilities Underground Location Center

Donald J Carney, P.E.  
Senior Engineer Design  
Date: 6/27/19

Professional Engineer Seal for Donald J. Carney, State of Washington, License # 42785.



GABIONS ARE DELIVERED TO THE JOB SITE IN BUNDLES. THEY ARE COMPRESSED AND STRAPPED IN THE FACTORY FOR EASIER SHIPPING AND HANDLING.

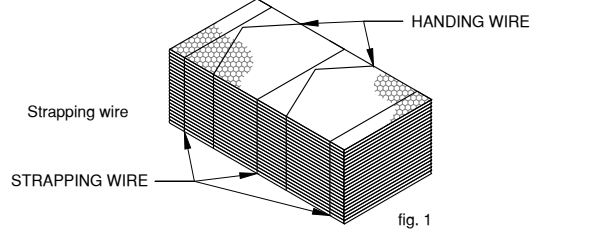


fig. 1

- PULL UP THE SIDES AND THE DIAPHRAGMS TO FORM AN OPEN BOX. BE SURE THE TOP OF THE FACE AND THE SIDE ARE AT THE SAME LEVEL.
- FOLD BY HAND THE END OF THE REINFORCING WIRE OF THE MAIN UNIT AND THE DIAPHRAGMS ALLOWING THE GABION TO STAND BY ITSELF.

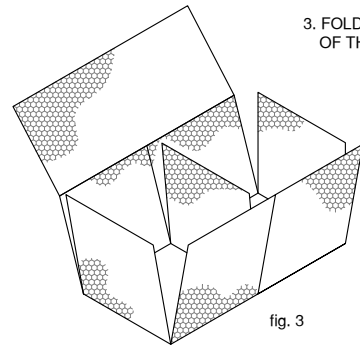


fig. 3

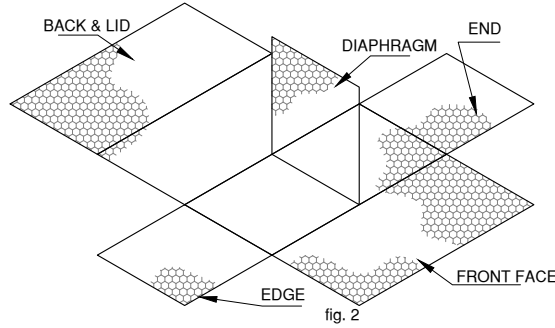


fig. 2

- OPEN AND UNFOLD THE GABIONS ONE BY ONE ON A FLAT, HARD SURFACE. ELIMINATE ALL FOLDS DUE TO THE PACKAGING.

**UNPACKING & ASSEMBLY PROCESS**

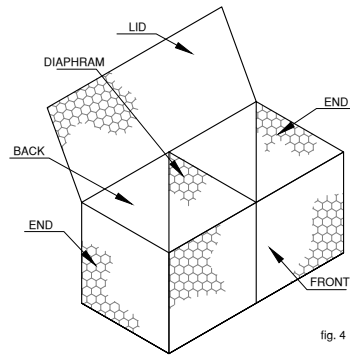


fig. 4

**ASSEMBLED GABION BASKET**

EDGES ARE JOINED TOGETHER, USING THE APPROPRIATE LACING TECHNIQUES.

**MANUAL:** CONTINUOUS WIRE LOOPED TIGHTLY AROUND EVERY OTHER MESH OPENING, ALTERNATING SINGLE AND DOUBLE LOOPS (FIG. 5).

**MECHANICAL:** USING A PNEUMATIC OR HAND POWER TOOL, EMPLOYING STAINLESS STEEL "C" SHAPED FASTENERS. FOR CONTINUITY AND STRENGTH, THE RECOMMENDED SPACING IS 3 TO 4.75 IN., MAX 6 IN. (FIG 4).

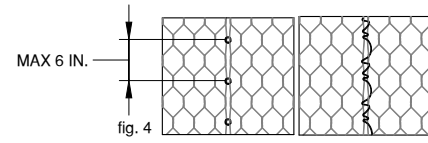


fig. 4

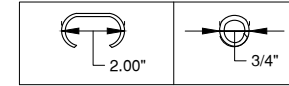
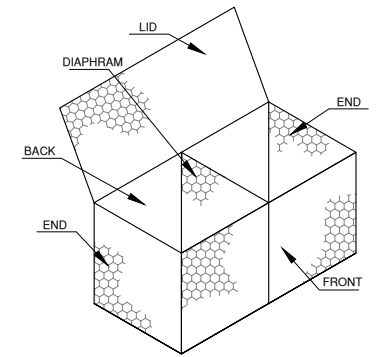
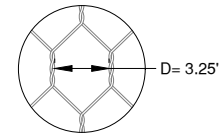
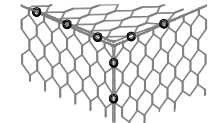
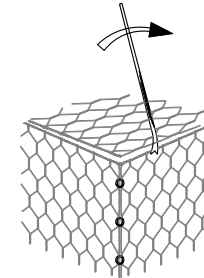
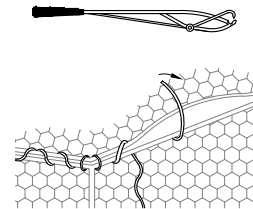
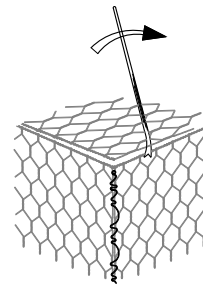


fig. 5

THE STAINLESS STEEL FASTENER HAS A DIAMETER OF 2 IN. OPEN AND 3/4 IN. CLOSED.

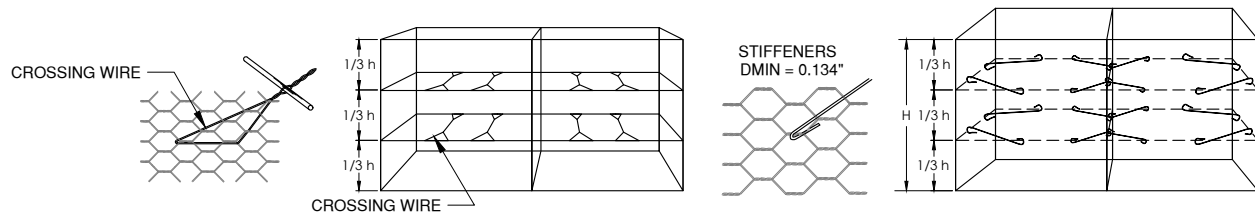


**GABION BASKET**



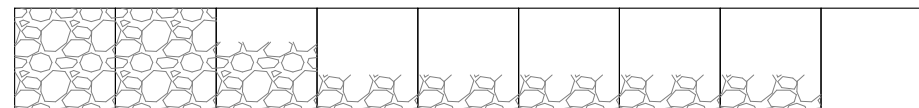
**CLOSING PROCESS**

Stiffeners

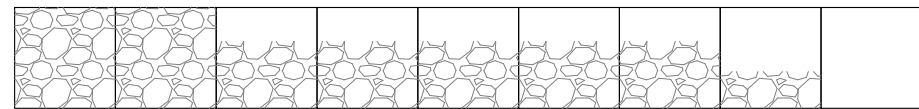


**REINFORCING DETAIL**

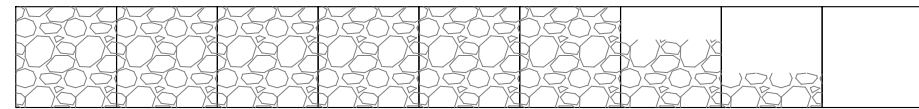
PHASE 1



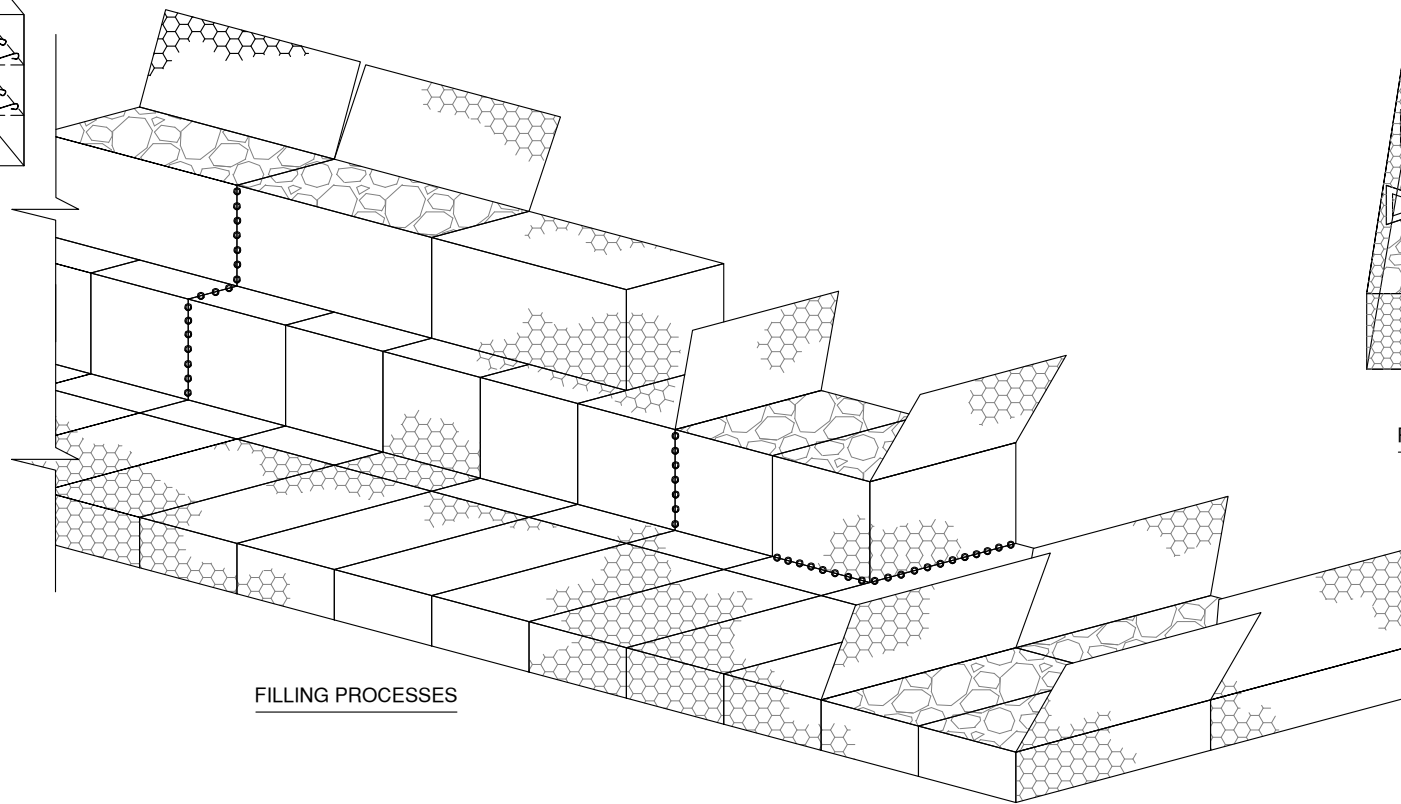
PHASE 2



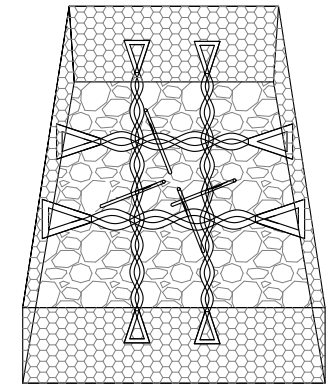
PHASE 3



**FILLING SEQUENCE**



**FILLING PROCESSES**



**REINFORCEMENT VIEW**

**GABION CRIBBING CONSTRUCTION DETAILS**

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**SILVERBROOK ROAD IMPROVEMENTS**

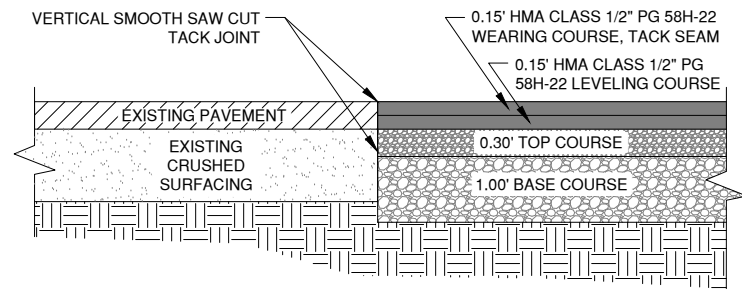
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COUNTY PROJECT NO: 2184  
GABION CRIBBING CONSTRUCTION DETAILS

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OF  
**15**

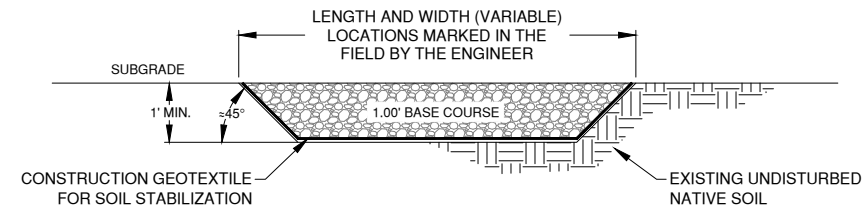


Donald J Carney, P.E.  
Senior Engineer Design  
Date: 6/27/18





TYPICAL BUTT JOINT DETAIL  
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TYPICAL DIGOUT DETAIL  
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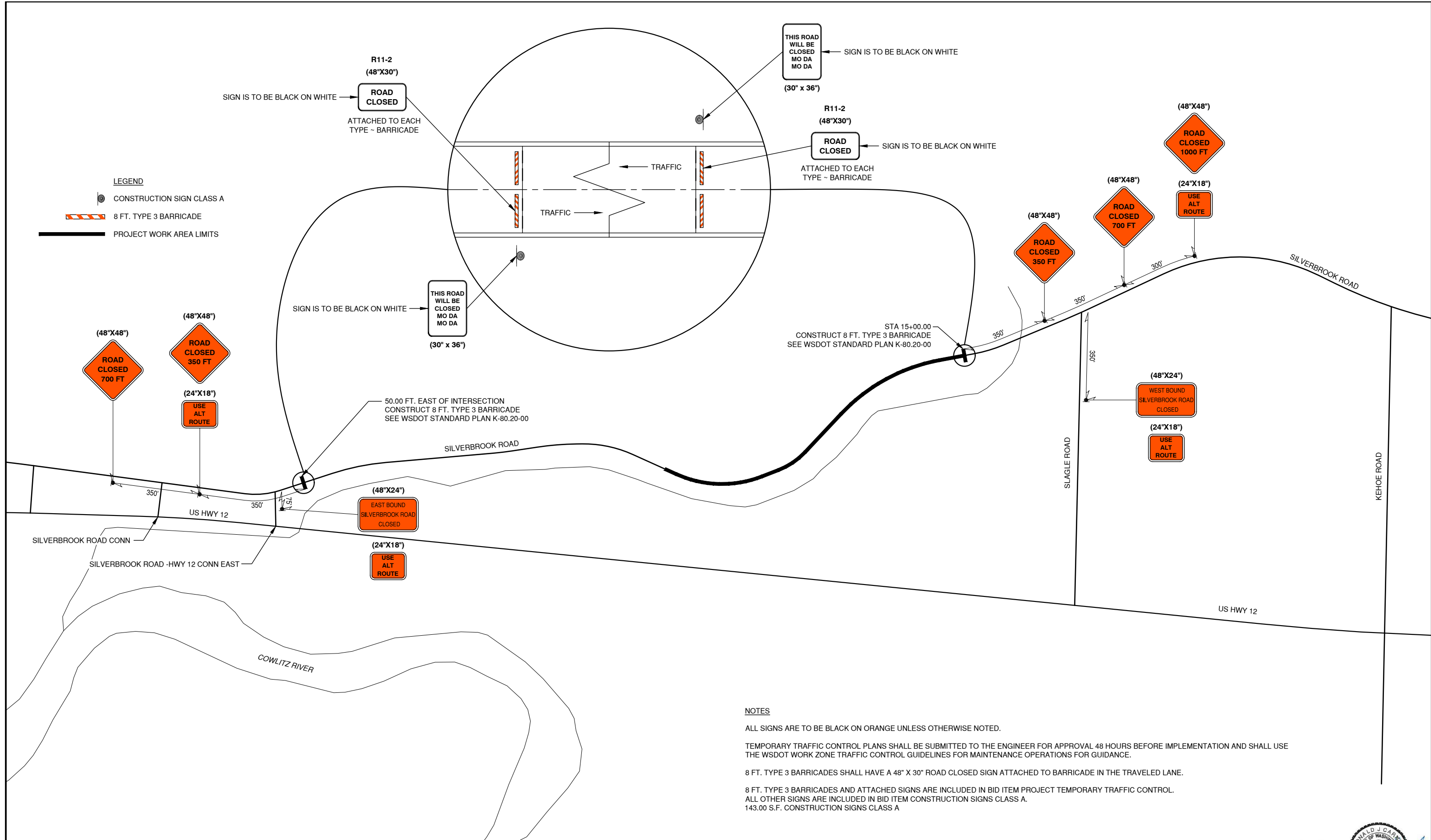
TYPICAL BUTT JOINT DETAIL  
TYPICAL DIGOUT DETAIL

SHEET  
14  
OF  
15



Donald J Carney, P.E.  
Senior Engineer Design  
*Donald J. Carney*  
Date: 6/27/19





**NOTES**

ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

TEMPORARY TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL 48 HOURS BEFORE IMPLEMENTATION AND SHALL USE THE WSDOT WORK ZONE TRAFFIC CONTROL GUIDELINES FOR MAINTENANCE OPERATIONS FOR GUIDANCE.

8 FT. TYPE 3 BARRICADES SHALL HAVE A 48" X 30" ROAD CLOSED SIGN ATTACHED TO BARRICADE IN THE TRAVELED LANE.

8 FT. TYPE 3 BARRICADES AND ATTACHED SIGNS ARE INCLUDED IN BID ITEM PROJECT TEMPORARY TRAFFIC CONTROL. ALL OTHER SIGNS ARE INCLUDED IN BID ITEM CONSTRUCTION SIGNS CLASS A. 143.00 S.F. CONSTRUCTION SIGNS CLASS A

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**SILVERBROOK ROAD IMPROVEMENTS**

FEMA PROJECT NO: DR-4242-2-R (HMGP)  
 COUNTY PROJECT NO: 2184  
 TRAFFIC CONTROL PLAN  
 CONSTRUCTION SIGNS CLASS A

SHEET  
**15**  
 OF  
**15**



Donald J Carney, P.E.  
 Senior Engineer Design  
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