

Lewis County
Department of Public Works
Engineering Division

**CONTRACT
PROVISIONS AND PLANS
FOR CONSTRUCTION OF:
LEWIS COUNTY
GUARDRAIL
REPLACEMENT PROJECT**

COUNTY PROJECT NO.:
63E-575320 & 63E-700780
November, 2017

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



BOARD OF COUNTY COMMISSIONERS

Edna Fund, District No. 1
Robert C. Jackson, District No. 2
Gary Stamper, District No. 3

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1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2016 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
8 supersede any conflicting provisions of the Standard Specifications. For informational purposes, the
9 date following each Amendment title indicates the implementation date of the Amendment or the latest
10 date of revision.

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

14
15
16 **Section 1-02, Bid Procedures and Conditions**

17 April 4, 2016

18 **1-02.4(1) General**

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

20
21 Any prospective Bidder desiring an explanation or interpretation of the Bid Documents, shall
22 request the explanation or interpretation in writing by close of business on the Thursday preceding
23 the bid opening to allow a written reply to reach all prospective Bidders before the submission of
24 their Bids.

25
26 **1-02.9 Delivery of Proposal**

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

28
29 The Contracting Agency will not open or consider any Proposal when the Proposal or Bid deposit
30 is received after the time specified for receipt of Proposals or received in a location other than that
31 specified for receipt of Proposals unless an emergency or unanticipated event interrupts normal
32 work processes of the Contracting Agency so that Proposals cannot be received.

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

35
36 If an emergency or unanticipated event interrupts normal work processes of the Contracting
37 Agency so that Proposals cannot be received at the office designated for receipt of bids as
38 specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to be
39 extended to the same time of day specified in the solicitation on the first work day on which the
40 normal work processes of the Contracting Agency resume.

41
42 **1-02.12 Public Opening of Proposals**

43 This section is supplemented with the following new paragraph:

44
45 If an emergency or unanticipated event interrupts normal work processes of the Contracting
46 Agency so that Proposals cannot be opened at the time indicated in the call for Bids the time
47 specified for opening of Proposals will be deemed to be extended to the same time of day on the
48 first work day on which the normal work processes of the Contracting Agency resume.

49
50 **Section 1-04, Scope of the Work**

51 January 3, 2017

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

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

4
5 Whenever reference is made in these Specifications or the Special Provisions to codes, rules,
6 specifications, and standards, the reference shall be construed to mean the code, rule,
7 specification, or standard that is in effect on the Bid advertisement date, unless otherwise stated or
8 as required by law.

9
10 **1-04.3 Reference Information**

11 This section is supplemented with the following new sentence:

12
13 If a document that is provided as reference information contains material also included as a part of
14 the Contract, that portion of the document shall be considered a part of the Contract and not as
15 Reference Information.

16
17
18 **Section 1-07, Legal Relations and Responsibilities to the Public**

19 January 3, 2017

20 **1-07.1 Laws to be Observed**

21 In the second to last sentence of the third paragraph, "WSDOT" is revised to read "Contracting
22 Agency".

23
24 **1-07.2(2) State Sales Tax: WAC 458-20-170 – Retail Sales Tax**

25 The last three sentences of the first paragraph are deleted and replaced with the following new
26 sentence:

27
28 The Contractor (Prime or Subcontractor) shall include sales or use tax on the purchase or rental of
29 tools, machinery, equipment, or consumable supplies not integrated into the project, in the unit bid
30 prices.

31
32 **1-07.8 High-Visibility Apparel**

33 The last paragraph is revised to read:

34
35 High-visibility garments shall be labeled as, and in a condition compliant with the ANSI/ISEA 107
36 (2004 or later version) and shall be used in accordance with manufacturer recommendations.

37
38 **1-07.8(1) Traffic Control Personnel**

39 In this section, references to "ANSI/ISEA 107-2004" are revised to read "ANSI/ISEA 107".

40
41 **1-07.8(2) Non-Traffic Control Personnel**

42 In this section, the reference to "ANSI/ISEA 107-2004" is revised to read "ANSI/ISEA 107".

43
44 **1-07.15(1) Spill Prevention, Control, and Countermeasures Plan**

45 The second sentence of the first paragraph is deleted.

46
47 The first sentence of the second paragraph is revised to read:

48
49 The SPCC Plan shall address all fuels, petroleum products, hazardous materials, and other
50 materials defined in Chapter 447 of the WSDOT Environmental Manual M 31-11.

51
52 Item number four of the fourth paragraph (up until the colon) is revised to read:

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

5 The first sentence of item 7e of the fourth paragraph is revised to read:
6

7 BMP methods and locations where they are used to prevent discharges to ground or water during
8 mixing and transfer of hazardous materials and fuel.
9

10 The last paragraph is deleted.
11

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

13 January 3, 2017

14 **1-08.1 Subcontracting**

15 The second sentence of the second to last paragraph is revised to read:
16

17 Whenever the Contractor withholds payment to a Subcontractor for any reason including disputed
18 amounts, the Contractor shall provide notice within 10 calendar days to the Subcontractor with a
19 copy to the Contracting Agency identifying the reason for the withholding and a clear description of
20 what the Subcontractor must do to have the withholding released.
21

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

24 The Monthly Payment Summary shall include all Subcontractors that performed work that was paid
25 on the progress estimate by the Contracting Agency.
26

27 **1-08.1(1) Prompt Payment, Subcontract Completion and Return of Retainage Withheld** 28 In item number 5 of the first paragraph, "WSDOT" is revised to read "Contracting Agency". 29

30 The last sentence in item number 11 of the first paragraph is revised to read:
31

32 The Contractor may also require any documentation from the Subcontractor that is required by the
33 subcontract or by the Contract between the Contractor and Contracting Agency or by law such as
34 affidavits of wages paid, and material acceptance certifications to the extent that they relate to the
35 Subcontractor's Work.
36

37 Item number 12 of the first paragraph is revised to read:
38

- 39 12. If the Contractor fails to comply with the requirements of the Specification and the
40 Subcontractor's retainage or retainage bond is wrongfully withheld, the Contractor will be
41 subject to the actions described in No. 7 listed above. The Subcontractor may also seek
42 recovery against the Contractor under applicable prompt pay statutes in addition to any other
43 remedies provided for by the subcontract or by law.
44

45 **1-08.5 Time for Completion**

46 In item 2c of the last paragraph, "Quarterly Reports" is revised to read "Monthly Reports".
47

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

49 April 4, 2016

50 **1-09.6 Force Account**

51 The second sentence of item number 4 is revised to read:
52

1 A "specialized service" is a work operation that is not typically done by worker classifications as
2 defined by the Washington State Department of Labor and Industries and by the Davis Bacon Act,
3 and therefore bills by invoice for work in road, bridge and municipal construction.
4

5 **Section 1-10, Temporary Traffic Control**

6 January 3, 2017

7 **1-10.1(2) Description**

8 The first paragraph is revised to read:

9
10 The Contractor shall provide flaggers and all other personnel required for labor for traffic control
11 activities that are not otherwise specified as being furnished by the Contracting Agency.
12

13 In the third paragraph, "Project Engineer" is revised to read "Engineer".
14

15 The following new paragraph is inserted after the third paragraph:

16
17 The Contractor shall keep lanes, on-ramps, and off-ramps, open to traffic at all times except when
18 Work requires closures. Ramps shall not be closed on consecutive interchanges at the same time,
19 unless approved by the Engineer. Lanes and ramps shall be closed for the minimum time required
20 to complete the Work. When paving hot mix asphalt the Contractor may apply water to the
21 pavement to shorten the time required before reopening to traffic.
22

23 **1-10.3(2)C Lane Closure Setup/Takedown**

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

25
26 Channelization devices shall not be moved by traffic control personnel across an open lane of
27 traffic. If an existing setup or staging of traffic control devices require crossing an open lane of
28 traffic, the traffic control devices shall be taken down completely and then set up in the new
29 configuration.
30

31 **Section 8-11, Guardrail**

32 January 17, 2017

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

34 This section is supplemented with the following new paragraph:

35
36 Beam Guardrail Non-flared Terminals for Type 1 guardrail shall meet the crash test and evaluation
37 criteria of NCHRP 350 or the Manual for Assessing Safety Hardware (MASH). Beam Guardrail
38 Non-flared Terminals for Type 31 guardrail shall meet the crash test and evaluation criteria of
39 MASH.
40

41 **8-11.3(1)F Removing and Resetting Beam Guardrail**

42 The last sentence of the first paragraph is deleted.
43

44 **8-11.5 Payment**

45 The paragraph following the Bid item "Removing and Resetting Beam Guardrail", per linear foot is
46 revised to read:

47
48 The unit Contract price per linear foot for "Removing and Resetting Beam Guardrail" shall be full
49 payment for all costs to perform the Work as described in Section 8-11.3(1)F, except for
50 replacement posts and blocks.
51

1 The paragraph following the Bid item "Raising Existing Beam Guardrail", per linear foot is revised to
2 read:

3
4 The unit Contract price per linear foot for "Raising Existing Beam Guardrail" shall be full payment
5 for all costs to perform the Work as described in Section 8-11.3(1)E, except for replacement posts
6 and blocks.
7
8

1 **INTRODUCTION**

2
3 The following Special Provisions are made a part of this contract and supersede any conflicting
4 provisions of the 2016 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
12 Manual.

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

- | | | |
|----|------------|---|
| 16 | | |
| 17 | (date) | General Special Provision |
| 18 | (*****) | Notes a revision to a General Special Provision
and also notes a Project Specific Special Provision. |
| 19 | | |
| 20 | (APWA GSP) | American Public Works Association General Special Provision |
| 21 | | |

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

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

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

31
32 Wherever the word "State" or "Contracting Agency" is used it shall mean Lewis County; that
33 wherever the words "Secretary (Secretary of Transportation)" are used they shall mean Lewis
34 County Engineer; that wherever the words "State Treasurer" are used they shall mean Lewis
35 County Treasurer; that wherever the words "State Auditor" are used they shall mean Lewis
36 County Auditor; that wherever the words "Motor Vehicle Fund" are used they shall mean Lewis
37 County Road Fund.
38

39 **SPECIAL PROVISIONS**

40
41 **DIVISION 1**
42 **GENERAL REQUIREMENTS**
43

44
45 **1-01, DESCRIPTION OF WORK**
46 (March 13, 1995)
47

48 This contract provides for the improvement of *** transportation safety by installing guardrail at various
49 locations in Lewis County as shown in the Contract Plans, building guardrail landings by placing
50 crushed surfacing base course, installing thrie beam, culvert installation, traffic control *** and other
51 work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard
52 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
50 All references to "final contract voucher certification" shall be interpreted to mean the Contracting
51 Agency form(s) by which final payment is authorized, and final completion and acceptance granted.
52

1 **Additive**

2 A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which
3 may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.
4

5 **Alternate**

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

10 **Business Day**

11 A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.
12

13 **Contract Bond**

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

18 **Contract Documents**

19 See definition for "Contract".
20

21 **Contract Time**

22 The period of time established by the terms and conditions of the Contract within which the Work
23 must be physically completed.
24

25 **Notice of Award**

26 The written notice from the Contracting Agency to the successful Bidder signifying the Contracting
27 Agency's acceptance of the Bid Proposal.
28

29 **Notice to Proceed**

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

34 **Traffic**

35 Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
36 equestrian traffic.
37

38 **1-02, BID PROCEDURES AND CONDITIONS**

39 **1-02.1 Prequalification of Bidders**

40
41 Delete this Section and replace it with the following:
42

43 **1-02.1 Qualifications of Bidder**
44 *(January 24, 2011 APWA GSP)*
45

46
47 Before award of a public works contract, a bidder must meet at least the minimum qualifications of
48 RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public
49 works project.
50

51 **1-02.2 Plans and Specifications**

52 *(*****)*
53

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

2
3 Copies of the plans and specifications are on file in the office of:

4
5 Lewis County Public Works Department
6 2025 N.E. Kresky Avenue
7 Chehalis, Washington 98532
8 (360) 740-2612
9

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

11
12 Prospective bidders may obtain plans and specifications from Lewis County Public
13 Works Department in Chehalis, Washington or download from Lewis County Website at
14 www.lewiscountywa.gov. Prospective bidders must be Contractors registered in good standing
15 on the Lewis County Small Works Roster.
16

17 **1-02.6 Preparation Of Proposal**
18 (August 2, 2004)

19
20 The fifth and sixth paragraphs of Section 1-02.6 are deleted.

21
22 **1-02.12 Public Opening Of Proposal**
23 (*****)
24

25 Section 1-02.12 is supplemented with the following:

26
27 **Date and Time of Bid Opening**

28 The Board of County Commissioners of Lewis County or designee, will open sealed proposals and
29 publicly read them aloud on or after 11:00 a.m. on **December 5, 2017**, at the Lewis County
30 Courthouse, Chehalis, Washington, for the Lewis County Guardrail Replacement Project, County
31 Project No. 63E-575320 & 63E-700780.
32

33 **SEALED BIDS MUST BE DELIVERED BY OR BEFORE**
34 **11:00 A.M. on Tuesday, December 5, 2017, 2017**

35 (Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.
36 Bids submitted after 11:00 AM will not be considered for this project.)
37

38 **Delivery and Marking of Sealed Bid Proposals**

39 Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners
40 (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **11:00**
41 **a.m.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR**
42 **THE LEWIS COUNTY GUARDRAIL REPLACEMENT PROJECT, COUNTY PROJECT NO. 63E-**
43 **575320 & 63E-700780, TO BE OPENED ON OR AFTER 11:00 A.M. ON DECEMBER 5, 2017.**
44

45 **1-02.13 Irregular Proposals**
46 (January 4, 2016 APWA GSP)
47

48 Delete this section and replace it with the following:

- 49
50 1. A proposal will be considered irregular and will be rejected if:
51 a. The Bidder is not prequalified when so required;
52 b. The authorized proposal form furnished by the Contracting Agency is not used or is
53 altered;
54 c. The completed proposal form contains any unauthorized additions, deletions, alternate
55 Bids, or conditions;

- d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
- e. A price per unit cannot be determined from the Bid Proposal;
- f. The Proposal form is not properly executed;
- g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
- h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
- i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidders DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
- j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
- k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
- l. More than one proposal is submitted for the same project from a Bidder under the same or different names.

- 2. A Proposal may be considered irregular and may be rejected if:
 - a. The Proposal does not include a unit price for every Bid item;
 - b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
 - c. Receipt of Addenda is not acknowledged;
 - d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
 - e. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders

(March 8, 2013 APWA GSP, Option B)

Delete this Section and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet the following Supplemental Criteria:

1. Delinquent State Taxes

- A. Criterion: The Bidder shall not owe delinquent taxes to the Washington State Department of Revenue without a payment plan approved by the Department of Revenue.
- B. Documentation: The Bidder shall not be listed on the Washington State Department of Revenue's "Delinquent Taxpayer List" website: <http://dor.wa.gov/content/fileandpaytaxes/latefiling/dtlwest.aspx> , or if they are so listed, they must submit a written payment plan approved by the Department of Revenue, to the Contracting Agency by the deadline listed below.

2. Federal Debarment

- 1 A Criterion: The Bidder shall not currently be debarred or suspended by the Federal
2 government.
3
4 B. Documentation: The Bidder shall not be listed as having an “active exclusion” on the
5 U.S. government’s “System for Award Management” database (www.sam.gov).
6

7 **3. Subcontractor Responsibility**

- 8
9 A Criterion: The Bidder’s standard subcontract form shall include the subcontractor
10 responsibility language required by RCW 39.06.020, and the Bidder shall have an
11 established procedure which it utilizes to validate the responsibility of each of its
12 subcontractors. The Bidder’s subcontract form shall also include a requirement that
13 each of its subcontractors shall have and document a similar procedure to determine
14 whether the sub-tier subcontractors with whom it contracts are also “responsible”
15 subcontractors as defined by RCW 39.06.020.
16
17 B. Documentation: The Bidder, if and when required as detailed below, shall submit a
18 copy of its standard subcontract form for review by the Contracting Agency, and a
19 written description of its procedure for validating the responsibility of subcontractors
20 with which it contracts.
21

22 **4. Prevailing Wages**

- 23
24 A Criterion: The Bidder shall not have a record of prevailing wage violations as
25 determined by WA Labor & Industries in the five years prior to the bid submittal date,
26 that demonstrates a pattern of failing to pay workers prevailing wages, unless there are
27 extenuating circumstances and such circumstances are deemed acceptable to the
28 Contracting Agency.
29
30 B. Documentation: The Bidder, if and when required as detailed below, shall submit a list
31 of all prevailing wage violations in the five years prior to the bid submittal date, along
32 with an explanation of each violation and how it was resolved. The Contracting
33 Agency will evaluate these explanations and the resolution of each complaint to
34 determine whether the violation demonstrate a pattern of failing to pay its workers
35 prevailing wages as required.
36

37 **5. Claims Against Retainage and Bonds**

- 38
39 A Criterion: The Bidder shall not have a record of excessive claims filed against the
40 retainage or payment bonds for public works projects in the three years prior to the bid
41 submittal date, that demonstrate a lack of effective management by the Bidder of
42 making timely and appropriate payments to its subcontractors, suppliers, and workers,
43 unless there are extenuating circumstances and such circumstances are deemed
44 acceptable to the Contracting Agency.
45
46 B. Documentation: The Bidder, if and when required as detailed below, shall submit a list
47 of the public works projects completed in the three years prior to the bid submittal date
48 that have had claims against retainage and bonds and include for each project the
49 following information:
50
51 • Name of project
52 • The owner and contact information for the owner;
53 • A list of claims filed against the retainage and/or payment bond for any of the
54 projects listed;

- A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

6. **Public Bidding Crime**

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

7. **Termination for Cause / Termination for Default**

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

8. **Lawsuits**

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

As evidence that the Bidder meets the mandatory and supplemental responsibility criteria stated above, the apparent two lowest Bidders must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid submittal deadline, a written statement verifying that the Bidder meets all of the mandatory and supplemental criteria together with supporting documentation including but not limited to that detailed above (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with all mandatory and supplemental responsibility criteria. The Contracting Agency reserves the right to request such documentation from other Bidders as well, and to request further documentation as needed to assess Bidder responsibility. The Contracting Agency also reserves the right to obtain information from third-parties and independent sources of information concerning a Bidder's compliance with the mandatory and supplemental criteria, and to use that information in their evaluation. The

1 Contracting Agency may (but is not required to) consider mitigating factors in determining whether
2 the Bidder complies with the requirements of the supplemental criteria.

3
4 The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria
5 shall include any documents or facts obtained by Contracting Agency (whether from the Bidder or
6 third parties) including but not limited to: (i) financial, historical, or operational data from the
7 Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the
8 Bidder has worked, or other public agencies or private enterprises; and (iii) any additional
9 information obtained by the Contracting Agency which is believed to be relevant to the matter.

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

21
22 Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders with
23 concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility Criteria
24 may make or submit requests to the Contracting Agency to modify the criteria. Such requests
25 shall be in writing, describe the nature of the concerns, and propose specific modifications to the
26 criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5)
27 business days prior to the bid submittal deadline and address the request to the Project Engineer
28 or such other person designated by the Contracting Agency in the Bid Documents.

29
30 **1-02.15 Pre Award Information**
31 (August 14, 2013 APWA GSP)

32
33 Revise this section to read:

34
35 Before awarding any contract, the Contracting Agency may require one or more of these items or
36 actions of the apparent lowest responsible bidder:

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

49
50 **1-03, AWARD AND EXECUTION OF CONTRACT**

51
52 **1-03.3 Execution of Contract**
(October 1, 2005 APWA GSP)

1
2 Revise this section to read:
3

4 Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for
5 signature by the successful bidder on the first business day following award. The number of copies
6 to be executed by the Contractor will be determined by the Contracting Agency.
7

8 Within 15 calendar days after the award date, the successful bidder shall return the signed
9 Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18,
10 and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by
11 the Contracting Agency, the successful bidder shall provide any pre-award information the
12 Contracting Agency may require under Section 1-02.15.
13

14 Until the Contracting Agency executes a contract, no proposal shall bind the Contracting Agency
15 nor shall any work begin within the project limits or within Contracting Agency-furnished sites. The
16 Contractor shall bear all risks for any work begun outside such areas and for any materials ordered
17 before the contract is executed by the Contracting Agency.
18

19 If the bidder experiences circumstances beyond their control that prevents return of the contract
20 documents within the calendar days after the award date stated above, the Contracting Agency
21 may grant up to a maximum of 5 additional calendar days for return of the documents, provided
22 the Contracting Agency deems the circumstances warrant it.
23

24 **1-03.4 Contract Bond**

25 *(July 23, 2015 APWA GSP)*
26

27 Delete the first paragraph and replace it with the following:
28

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

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

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

5 **1-05, CONTROL OF WORK**

6 (March 13, 1995)

7 **1-05.7 Removal Of Defective And unauthorized Work**

8 (October 1, 2005 APWA GSP)

9 Supplement this section with the following:
10

11
12 If the Contractor fails to remedy defective or unauthorized work within the time specified in a
13 written notice from the Engineer, or fails to perform any part of the work required by the Contract
14 Documents, the Engineer may correct and remedy such work as may be identified in the written
15 notice, with Contracting Agency forces or by such other means as the Contracting Agency may
16 deem necessary.
17

18
19 If the Contractor fails to comply with a written order to remedy what the Engineer determines to be
20 an emergency situation, the Engineer may have the defective and unauthorized work corrected
21 immediately, have the rejected work removed and replaced, or have work the Contractor refuses to
22 perform completed by using Contracting Agency or other forces. An emergency situation is any
23 situation when, in the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or
24 might cause serious risk of loss or damage to the public.
25

26
27 Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remedying
28 defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid
29 by the Contractor. Payment will be deducted by the Engineer from monies due, or to become due,
30 the Contractor. Such direct and indirect costs shall include in particular, but without limitation,
31 compensation for additional professional services required, and costs for repair and replacement of
32 work of others destroyed or damaged by correction, removal, or replacement of the Contractor's
33 unauthorized work.

34
35 No adjustment in contract time or compensation will be allowed because of the delay in the
36 performance of the work attributable to the exercise of the Contracting Agency's rights provided by
37 this Section.

38
39 The rights exercised under the provisions of this section shall not diminish the Contracting
40 Agency's right to pursue any other avenue for additional remedy or damages with respect to the
41 Contractor's failure to perform the work as required.

42 **1-05.13 Superintendents, Labor and Equipment of Contractor**

43 (August 14, 2013 APWA GSP)

44
45 Delete the sixth and seventh paragraphs of this section.
46

47 **1-05.14 Cooperation With Other Contractors**

48 Section 1-05.14 is supplemented with the following:

49 (March 13, 1995)

50 **Other Contracts Or Other Work**

51
52 It is anticipated that the following work adjacent to or within the limits of this project will be
53 performed by others during the course of this project and will require coordination of the work:
54

1 \$\$ Utilities and/or Utility Contractors. The contractor's attention is directed to Section 1-07.17
2 these Special Provisions. \$\$

3
4 **1-05.15 Method of Serving Notices**

5 (March 25, 2009 APWA GSP)

6 Revise the second paragraph to read:

7
8 All correspondence from the Contractor shall be directed to the Project Engineer. All
9 correspondence from the Contractor constituting any notification, notice of protest, notice of dispute,
10 or other correspondence constituting notification required to be furnished under the Contract, must
11 be in paper format, hand delivered or sent via mail delivery service to the Project Engineer's office.
12 Electronic copies such as e-mails or electronically delivered copies of correspondence will not
13 constitute such notice and will not comply with the requirements of the Contract.

14
15 **1-06, CONTROL OF MATERIAL**

16 **Buy America**

17 Section 1-06 is supplemented with the following:

18
19 (August 6, 2012)

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

24
25 Minor amounts of foreign steel and iron may be utilized in this project provided the cost of the
26 foreign material used does not exceed one-tenth of one percent of the total contract cost or
27 \$2,500.00, whichever is greater.

28
29 American-made material is defined as material having all manufacturing processes occurring
30 domestically. To further define the coverage, a domestic product is a manufactured steel material
31 that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories
32 and possessions of the United States.

33
34 If domestically produced steel billets or iron ingots are exported outside of the area of coverage, as
35 defined above, for any manufacturing process then the resulting product does not conform to the
36 Buy America requirements. Additionally, products manufactured domestically from foreign source
37 steel billets or iron ingots do not conform to the Buy America requirements because the initial
38 melting and mixing of alloys to create the material occurred in a foreign country.

39
40 Manufacturing begins with the initial melting and mixing, and continues through the coating stage.
41 Any process which modifies the chemical content, the physical size or shape, or the final finish is
42 considered a manufacturing process. The processes include rolling, extruding, machining,
43 bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is
44 deemed a manufacturing process. Coating includes epoxy coating, galvanizing, aluminizing,
45 painting, and any other coating that protects or enhances the value of steel or iron. Any process
46 from the original reduction from ore to the finished product constitutes a manufacturing process for
47 iron.

48
49 Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and alloys),
50 scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron ore.

51
52 The following are considered to be steel manufacturing processes:

- 53
54 1. Production of steel by any of the following processes:

- a. Open hearth furnace.
 - b. Basic oxygen.
 - c. Electric furnace.
 - d. Direct reduction.
2. Rolling, heat treating, and any other similar processing.
 3. Fabrication of the products.
 - a. Spinning wire into cable or strand.
 - b. Corrugating and rolling into culverts.
 - c. Shop fabrication.

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

1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

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

Supplement this section with the following:

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

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

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

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

1 **1-07.2 State Taxes**

2
3 Delete this section, including its sub-sections, in its entirety and replace it with the following:

4
5 **1-07.2 State Sales Tax**
6 *(June 27, 2011 APWA GSP)*

7
8 The Washington State Department of Revenue has issued special rules on the State sales tax.
9 Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should
10 contact the Washington State Department of Revenue for answers to questions in this area. The
11 Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood tax
12 liability.

13
14 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
15 amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2)
16 describes this exception.

17
18 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a FHWA-
19 funded Project) only if the Contractor has obtained from the Washington State Department of
20 Revenue a certificate showing that all contract-related taxes have been paid (RCW 60.28.051).
21 The Contracting Agency may deduct from its payments to the Contractor any amount the
22 Contractor may owe the Washington State Department of Revenue, whether the amount owed
23 relates to this contract or not. Any amount so deducted will be paid into the proper State fund.

24
25 **1-07.2(1) State Sales Tax — Rule 171**

26
27 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets, roads, etc.,
28 which are owned by a municipal corporation, or political subdivision of the state, or by the United
29 States, and which are used primarily for foot or vehicular traffic. This includes storm or combined
30 sewer systems within and included as a part of the street or road drainage system and power lines
31 when such are part of the roadway lighting system. For work performed in such cases, the
32 Contractor shall include Washington State Retail Sales Taxes in the various unit bid item prices, or
33 other contract amounts, including those that the Contractor pays on the purchase of the materials,
34 equipment, or supplies used or consumed in doing the work.

35
36 **1-07.2(2) State Sales Tax — Rule 170**

37
38 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing
39 buildings, or other structures, upon real property. This includes, but is not limited to, the
40 construction of streets, roads, highways, etc., owned by the state of Washington; water mains and
41 their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and
42 disposal systems are within, and a part of, a street or road drainage system; telephone, telegraph,
43 electrical power distribution lines, or other conduits or lines in or above streets or roads, unless
44 such power lines become a part of a street or road lighting system; and installing or attaching of any
45 article of tangible personal property in or to real property, whether or not such personal property
46 becomes a part of the realty by virtue of installation.

47
48 For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail
49 sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to
50 each payment to the Contractor. For this reason, the Contractor shall not include the retail sales
51 tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following
52 exception.

53
54 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a
55 subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable

1 supplies not integrated into the project. Such sales taxes shall be included in the unit bid item
2 prices or in any other contract amount.

3 4 **1-07.2(3) Services**

5
6 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly
7 for professional or other services (as defined in Washington State Department of Revenue Rules
8 138 and 244).

9 10 **1-07.7 Load Limits**

11 Section 1-07.7 is supplemented with the following:

12
13 (*****)

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

17
18 Any vehicle providing material paid for by the ton, on the project, will provide licensed tonnage
19 for that vehicle.

20 21 **1-07.9 Wages**

22 **General**

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

24
25 (January 6, 2017)

26 The Federal wage rates incorporated in this contract have been established by the Secretary
27 of Labor under United States Department of Labor General Decision No. WA170001.

28
29 The State rates incorporated in this contract are applicable to all construction activities
30 associated with this contract.

31
32 (April 2, 2007)

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

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

36
37 Landscape Construction, which includes several different occupation descriptions such
38 as: Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment
39 Operators, and Landscaping or Planting Laborers.

40
41 In addition, federal wage rates that are included in this contract may also include occupation
42 descriptions in Federal Occupational groups for work also specifically identified with
43 landscaping such as:

44
45 Laborers with the occupation description, Landscaping or Planting, or

46
47 Power Equipment Operators with the occupation description, Mulch Seeding Operator.

48
49 If Federal wage rates include one or more rates specified as applicable to landscaping work,
50 then Federal wage rates for all occupation descriptions, specific or general, must be
51 considered and compared with corresponding State wage rates. The higher wage rate, either
52 State or Federal, becomes the minimum wage rate for the work performed in that occupation.
53
54

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

1-07.11 Requirements For Nondiscrimination

Section 1-07.11 is supplemented with the following:

(August 5, 2013)

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

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

Women - Statewide

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

Minorities - by Standard Metropolitan Statistical Area (SMSA)

Spokane, WA:

SMSA Counties:

Spokane, WA	2.8
WA Spokane.	

Non-SMSA Counties

3.0

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

Richland, WA

SMSA Counties:

Richland Kennewick, WA	5.4
WA Benton; WA Franklin.	

Non-SMSA Counties

3.6

WA Walla Walla.

Yakima, WA:

SMSA Counties:

Yakima, WA	9.7
WA Yakima.	

Non-SMSA Counties

7.2

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

1	Seattle, WA:	
2	SMSA Counties:	
3	Seattle Everett, WA	7.2
4	WA King; WA Snohomish.	
5	Tacoma, WA	6.2
6	WA Pierce.	
7	Non-SMSA Counties	6.1
8	WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA Lewis;	
9	WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA Whatcom.	
10		
11	Portland, OR:	
12	SMSA Counties:	
13	Portland, OR-WA	4.5
14	WA Clark.	
15	Non-SMSA Counties	3.8
16	WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	

17
18 These goals are applicable to each nonexempt Contractor's total on-site construction
19 workforce, regardless of whether or not part of that workforce is performing work on a Federal,
20 or federally assisted project, contract, or subcontract until further notice. Compliance with
21 these goals and time tables is enforced by the Office of Federal Contract compliance
22 Programs.

23
24 The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-
25 4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative
26 action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to
27 meet the goals. The hours of minority and female employment and training must be
28 substantially uniform throughout the length of the contract, in each construction craft and in
29 each trade, and the Contractor shall make a good faith effort to employ minorities and women
30 evenly on each of its projects. The transfer of minority or female employees or trainees from
31 Contractor to Contractor or from project to project for the sole purpose of meeting the
32 Contractor's goal shall be a violation of the contract, the Executive Order and the regulations
33 in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours
34 performed.

- 35
36 3. The Contractor shall provide written notification to the Office of Federal Contract Compliance
37 Programs (OFCCP) within 10 working days of award of any construction subcontract in
38 excess of \$10,000 or more that are Federally funded, at any tier for construction work under
39 the contract resulting from this solicitation. The notification shall list the name, address and
40 telephone number of the Subcontractor; employer identification number of the Subcontractor;
41 estimated dollar amount of the subcontract; estimated starting and completion dates of the
42 subcontract; and the geographical area in which the contract is to be performed. The
43 notification shall be sent to:

44
45 U.S. Department of Labor
46 Office of Federal Contract Compliance Programs Pacific Region
47 Attn: Regional Director
48 San Francisco Federal Building
49 90 – 7th Street, Suite 18-300
50 San Francisco, CA 94103(415) 625-7800 Phone
51 (415) 625-7799 Fax

52
53 Additional information may be found at the U.S. Department of Labor website:
54 <http://www.dol.gov/ofccp/TAguides/ctaguide.htm>
55

1 4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is
2 as designated herein.
3

4 Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive
5 Order 11246)
6

7 1. As used in these specifications:
8

- 9 a. Covered Area means the geographical area described in the solicitation from which
10 this contract resulted;
11
12 b. Director means Director, Office of Federal Contract Compliance Programs, United
13 States Department of Labor, or any person to whom the Director delegates authority;
14
15 c. Employer Identification Number means the Federal Social Security number used on
16 the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
17
18 d. Minority includes:
19
20 (1) Black, a person having origins in any of the Black Racial Groups of Africa.
21
22 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican,
23 Puerto Rican, Cuban, Central American, South American, or other Spanish
24 origin.
25
26 (3) Asian or Pacific Islander, a person having origins in any of the original
27 peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and
28 Samoa.
29
30 (4) American Indian or Alaskan Native, a person having origins in any of the
31 original peoples of North America, and who maintain cultural identification
32 through tribal affiliation or community recognition.
33

34 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work
35 involving any construction trade, it shall physically include in each subcontract in excess of
36 \$10,000 the provisions of these specifications and the Notice which contains the applicable
37 goals for minority and female participation and which is set forth in the solicitations from which
38 this contract resulted.
39

40 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by
41 the U.S. Department of Labor in the covered area either individually or through an
42 association, its affirmative action obligations on all work in the Plan area (including goals and
43 timetables) shall be in accordance with that Plan for those trades which have unions
44 participating in the Plan. Contractors must be able to demonstrate their participation in and
45 compliance with the provisions of any such Hometown Plan. Each Contractor or
46 Subcontractor participating in an approved Plan is individually required to comply with its
47 obligations under the EEO clause, and to make a good faith effort to achieve each goal under
48 the Plan in each trade in which it has employees. The overall good faith performance by other
49 Contractors or Subcontractors toward a goal in an approved Plan does not excuse any
50 covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan
51 goals and timetables.
52

53 4. The Contractor shall implement the specific affirmative action standards provided in
54 paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from
55 which this contract resulted are expressed as percentages of the total hours of employment

1 and training of minority and female utilization the Contractor should reasonably be able to
2 achieve in each construction trade in which it has employees in the covered area. Covered
3 construction contractors performing construction work in geographical areas where they do
4 not have a Federal or federally assisted construction contract shall apply the minority and
5 female goals established for the geographical area where the work is being performed. The
6 Contractor is expected to make substantially uniform progress in meeting its goals in each
7 craft during the period specified.

- 8
- 9 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with
10 whom the Contractor has a collective bargaining agreement, to refer either minorities or
11 women shall excuse the Contractor's obligations under these specifications, Executive Order
12 11246, or the regulations promulgated pursuant thereto.
- 13
- 14 6. In order for the nonworking training hours of apprentices and trainees to be counted in
15 meeting the goals, such apprentices and trainees must be employed by the Contractor during
16 the training period, and the Contractor must have made a commitment to employ the
17 apprentices and trainees at the completion of their training, subject to the availability of
18 employment opportunities. Trainees must be trained pursuant to training programs approved
19 by the U.S. Department of Labor.
- 20
- 21 7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity.
22 The evaluation of the Contractor's compliance with these specifications shall be based upon
23 its effort to achieve maximum results from its action. The Contractor shall document these
24 efforts fully, and shall implement affirmative action steps at least as extensive as the following:
- 25
- 26 a. Ensure and maintain a working environment free of harassment, intimidation, and
27 coercion at all sites, and in all facilities at which the Contractor's employees are
28 assigned to work. The Contractor, where possible, will assign two or more women to
29 each construction project. The Contractor shall specifically ensure that all foremen,
30 superintendents, and other on-site supervisory personnel are aware of and carry out
31 the Contractor's obligation to maintain such a working environment, with specific
32 attention to minority or female individuals working at such sites or in such facilities.
- 33
- 34 b. Establish and maintain a current list of minority and female recruitment sources,
35 provide written notification to minority and female recruitment sources and to
36 community organizations when the Contractor or its unions have employment
37 opportunities available, and maintain a record of the organizations' responses.
- 38
- 39 c. Maintain a current file of the names, addresses and telephone numbers of each
40 minority and female off-the-street applicant and minority or female referral from a
41 union, a recruitment source or community organization and of what action was taken
42 with respect to each such individual. If such individual was sent to the union hiring
43 hall for referral and was not referred back to the Contractor by the union or, if
44 referred, not employed by the Contractor, this shall be documented in the file with the
45 reason therefor, along with whatever additional actions the Contractor may have
46 taken.
- 47
- 48 d. Provide immediate written notification to the Director when the union or unions with
49 which the Contractor has a collective bargaining agreement has not referred to the
50 Contractor a minority person or woman sent by the Contractor, or when the
51 Contractor has other information that the union referral process has impeded the
52 Contractor's efforts to meet its obligations.
- 53
- 54 e. Develop on-the-job training opportunity and/or participate in training programs for the
55 area which expressly include minorities and women, including upgrading programs

1 and apprenticeship and trainee programs relevant to the Contractor's employment
2 needs, especially those programs funded or approved by the U.S. Department of
3 Labor. The Contractor shall provide notice of these programs to the sources
4 compiled under 7b above.
5

- 6 f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions
7 and training programs and requesting their cooperation in assisting the Contractor in
8 meeting its EEO obligations; by including it in any policy manual and collective
9 bargaining agreement; by publicizing it in the company newspaper, annual report,
10 etc.; by specific review of the policy with all management personnel and with all
11 minority and female employees at least once a year; and by posting the company
12 EEO policy on bulletin boards accessible to all employees at each location where
13 construction work is performed.
14
- 15 g. Review, at least annually, the company's EEO policy and affirmative action
16 obligations under these specifications with all employees having any responsibility for
17 hiring, assignment, layoff, termination or other employment decisions including
18 specific review of these items with on-site supervisory personnel such as
19 Superintendents, General Foremen, etc., prior to the initiation of construction work at
20 any job site. A written record shall be made and maintained identifying the time and
21 place of these meetings, persons attending, subject matter discussed, and
22 disposition of the subject matter.
23
- 24 h. Disseminate the Contractor's EEO policy externally by including it in any advertising
25 in the news media, specifically including minority and female news media, and
26 providing written notification to and discussing the Contractor's EEO policy with other
27 Contractors and Subcontractors with whom the Contractor does or anticipates doing
28 business.
29
- 30 i. Direct its recruitment efforts, both oral and written to minority, female and community
31 organizations, to schools with minority and female students and to minority and
32 female recruitment and training organizations serving the Contractor's recruitment
33 area and employment needs. Not later than one month prior to the date for the
34 acceptance of applications for apprenticeship or other training by any recruitment
35 source, the Contractor shall send written notification to organizations such as the
36 above, describing the openings, screening procedures, and tests to be used in the
37 selection process.
38
- 39 j. Encourage present minority and female employees to recruit other minority persons
40 and women and where reasonable, provide after school, summer and vacation
41 employment to minority and female youth both on the site and in other areas of a
42 Contractor's work force.
43
- 44 k. Validate all tests and other selection requirements where there is an obligation to do
45 so under 41 CFR Part 60-3.
46
- 47 l. Conduct, at least annually, an inventory and evaluation of all minority and female
48 personnel for promotional opportunities and encourage these employees to seek or
49 to prepare for, through appropriate training, etc., such opportunities.
50
- 51 m. Ensure that seniority practices, job classifications, work assignments and other
52 personnel practices, do not have a discriminatory effect by continually monitoring all
53 personnel and employment related activities to ensure that the EEO policy and the
54 Contractor's obligations under these specifications are being carried out.
55

- 1 n. Ensure that all facilities and company activities are nonsegregated except that
2 separate or single-user toilet and necessary changing facilities shall be provided to
3 assure privacy between the sexes.
- 4
- 5 o. Document and maintain a record of all solicitations of offers for subcontracts from
6 minority and female construction contractors and suppliers, including circulation of
7 solicitations to minority and female contractor associations and other business
8 associations.
- 9
- 10 p. Conduct a review, at least annually, of all supervisors' adherence to and performance
11 under the Contractor's EEO policies and affirmative action obligations.
- 12
- 13 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling
14 one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor
15 association, joint contractor-union, contractor-community, or other similar group of which the
16 Contractor is a member and participant, may be asserted as fulfilling any one or more of the
17 obligations under 7a through 7p of this Special Provision provided that the Contractor actively
18 participates in the group, makes every effort to assure that the group has a positive impact on
19 the employment of minorities and women in the industry, ensure that the concrete benefits of
20 the program are reflected in the Contractor's minority and female work-force participation,
21 makes a good faith effort to meet its individual goals and timetables, and can provide access
22 to documentation which demonstrate the effectiveness of actions taken on behalf of the
23 Contractor. The obligation to comply, however, is the Contractor's and failure of such a group
24 to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
- 25
- 26 9. A single goal for minorities and a separate single goal for women have been established. The
27 Contractor, however, is required to provide equal employment opportunity and to take
28 affirmative action for all minority groups, both male and female, and all women, both minority
29 and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a
30 particular group is employed in substantially disparate manner (for example, even though the
31 Contractor has achieved its goals for women generally, the Contractor may be in violation of
32 the Executive Order if a specific minority group of women is underutilized).
- 33
- 34 10. The Contractor shall not use the goals and timetables or affirmative action standards to
35 discriminate against any person because of race, color, religion, sex, or national origin.
- 36
- 37 11. The Contractor shall not enter into any subcontract with any person or firm debarred from
38 Government contracts pursuant to Executive Order 11246.
- 39
- 40 12. The Contractor shall carry out such sanctions and penalties for violation of these
41 specifications and of the Equal Opportunity Clause, including suspensions, terminations and
42 cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive
43 Order 11246, as amended, and its implementing regulations by the Office of Federal Contract
44 Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties
45 shall be in violation of these specifications and Executive Order 11246, as amended.
- 46
- 47 13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific
48 affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of
49 this Special Provision, so as to achieve maximum results from its efforts to ensure equal
50 employment opportunity. If the Contractor fails to comply with the requirements of the
51 Executive Order, the implementing regulations, or these specifications, the Director shall
52 proceed in accordance with 41 CFR 60-4.8.
- 53
- 54 14. The Contractor shall designate a responsible official to monitor all employment related activity
55 to ensure that the company EEO policy is being carried out, to submit reports relating to the

1 provisions hereof as may be required by the government and to keep records. Records shall
2 at least include, for each employee, their name, address, telephone numbers, construction
3 trade, union affiliation if any, employee identification number when assigned, social security
4 number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of
5 changes in status, hours worked per week in the indicated trade, rate of pay, and locations at
6 which the work was performed. Records shall be maintained in an easily understandable and
7 retrievable form; however, to the degree that existing records satisfy this requirement, the
8 Contractors will not be required to maintain separate records.

9
10 15. Nothing herein provided shall be construed as a limitation upon the application of other laws
11 which establish different standards of compliance or upon the application of requirements for
12 the hiring of local or other area residents (e.g., those under the Public Works Employment Act
13 of 1977 and the Community Development Block Grant Program).

14
15 16. Additional assistance for Federal Construction Contractors on contracts administered by
16 Washington State Department of Transportation or by Local Agencies may be found at:

17
18 Washington State Dept. of Transportation
19 Office of Equal Opportunity
20 PO Box 47314
21 310 Maple Park Ave. SE
22 Olympia WA
23 98504-7314
24 Ph: 360-705-7090
25 Fax: 360-705-6801
26 <http://www.wsdot.wa.gov/equalopportunity/default.htm>

27
28 **1-07.17 Utilities and Similar Facilities**

29 (April 2, 2007)

30 Section 1-07.17 is supplemented with the following:

31
32 Locations and dimensions shown in the Plan for existing facilities are in accordance with available
33 information obtained without uncovering, measuring, or other verification.

34
35 The following addresses and telephone numbers of utility companies known or suspected of
36 having facilities within the project limits are supplied for the Contractor's convenience:

37
38 Lewis County P.U.D. No. 1
39 321 NW Pacific Avenue
40 Chehalis, WA 98532
41 Telephone (360) 748-9261

TDS Telecom
PO Box 218
La Center, WA. 98629
Telephone (877) 407-6235

42
43 Comcast
44 440 Yauger Way SW
45 Olympia, WA. 98570
46 Telephone (360) 357-1230

Centurylink
Dena Overaa
8102 Skansie Ave.
Gig Harbor, WA 98332-9904
Telephone (206) 733-5262

47
48 Puget Sound Energy
49 2711 Pacific Ave. SE
50 Olympia, WA. 98501
51 Telephone (425) 392-6412

Sprint
Steven Schauer
2210 S. 35th ST.
Tacoma, WA 98409
Telephone (360) 402-4159

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

6
7 **1-07.18 Public Liability and Property Damage Insurance**

8
9 Delete this section in its entirety, and replace it with the following:

10
11 **1-07.18 Insurance**

12 *(January 4, 2016 APWA GSP)*

13
14 **1-07.18(1) General Requirements**

- 15 A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-
16 07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-:
17 VII and licensed to do business in the State of Washington. The Contracting Agency reserves the
18 right to approve or reject the insurance provided, based on the insurer's financial condition.
- 19
20 B. The Contractor shall keep this insurance in force without interruption from the commencement of
21 the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical
22 Completion date, unless otherwise indicated below.
- 23
24 C. If any insurance policy is written on a claims made form, its retroactive date, and that of all
25 subsequent renewals, shall be no later than the effective date of this Contract. The policy shall
26 state that coverage is claims made, and state the retroactive date. Claims-made form coverage
27 shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or
28 earlier termination of this Contract, and the Contractor shall annually provide the Contracting
29 Agency with proof of renewal. If renewal of the claims made form of coverage becomes
30 unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period
31 ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure
32 financial responsibility for liability for services performed.
- 33
34 D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability
35 insurance policies shall be primary and non-contributory insurance as respects the Contracting
36 Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or
37 self-insured pool coverage maintained by the Contracting Agency shall be excess of the
38 Contractor's insurance and shall not contribute with it.
- 39
40 E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice
41 of any policy cancellation, within two business days of their receipt of such notice.
- 42
43 G. The Contractor shall not begin work under the Contract until the required insurance has been
44 obtained and approved by the Contracting Agency
- 45
46 H. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material
47 breach of contract, upon which the Contracting Agency may, after giving five business days' notice
48 to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion,
49 procure or renew such insurance and pay any and all premiums in connection therewith, with any
50 sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of
51 the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
- 52
53 I. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the
54 Contract and no additional payment will be made.
- 55

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

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

- 5 ▪ the Contracting Agency and its officers, elected officials, employees, agents, and volunteers
6

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

11
12 For Commercial General Liability insurance coverage, the required additional insured endorsements
13 shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for
14 completed operations.

15
16 **1-07.18(3) Subcontractors**

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

21
22 The Contractor shall ensure that all Subcontractors of every tier add all entities listed in 1-07.18(2) as
23 additional insureds, and provide proof of such on the policies as required by that section as detailed in
24 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing operations and
25 CG 20 37 10 01 for completed operations.

26
27 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency
28 evidence of insurance and copies of the additional insured endorsements of each Subcontractor of
29 every tier as required in 1-07.18(4) Verification of Coverage.

30
31 **1-07.18(4) Verification of Coverage**

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

38
39 Verification of coverage shall include:

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

47
48 Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full
49 and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full
50 and certified copy of that policy is required when the Contractor delivers the signed Contract for the
51 work.
52

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

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

6
7 All deductibles and self-insured retentions must be disclosed and are subject to approval by the
8 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured
9 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability
10 subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention
11 shall be the responsibility of the Contractor.

12
13 **1-07.18(5)A Commercial General Liability**

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

19
20 The Commercial General Liability insurance shall be endorsed to provide a per project general
21 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

22
23 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's
24 completed operations for at least three years following Substantial Completion of the Work.

25
26 Such policy must provide the following minimum limits:

27	\$1,000,000	Each Occurrence
28	\$2,000,000	General Aggregate
29	\$2,000,000	Products & Completed Operations Aggregate
30	\$1,000,000	Personal & Advertising Injury each offence
31	\$1,000,000	Stop Gap / Employers' Liability each accident

32
33 **1-07.18(5)B Automobile Liability**

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

37
38 Such policy must provide the following minimum limit:

39	\$1,000,000	Combined single limit each accident
----	-------------	-------------------------------------

40
41 **1-07.18(5)C Workers' Compensation**

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

44
45 **1-07.23, PUBLIC CONVENIENCE AND SAFETY**

46
47 **1-07.23(1) Construction Under Traffic**

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

49 (January 2, 2012)

50 **Work Zone Clear Zone**

51 The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The
52 WZCZ applies only to temporary roadside objects introduced by the Contractor's
53

1 operations and does not apply to preexisting conditions or permanent Work. Those work
2 operations that are actively in progress shall be in accordance with adopted and
3 approved Traffic Control Plans, and other contract requirements.
4

5 During nonworking hours equipment or materials shall not be within the WZCZ unless
6 they are protected by permanent guardrail or temporary concrete barrier. The use of
7 temporary concrete barrier shall be permitted only if the Engineer approves the
8 installation and location.
9

10 During actual hours of work, unless protected as described above, only materials
11 absolutely necessary to construction shall be within the WZCZ and only construction
12 vehicles absolutely necessary to construction shall be allowed within the WZCZ or
13 allowed to stop or park on the shoulder of the roadway.
14

15 The Contractor's nonessential vehicles and employees private vehicles shall not be
16 permitted to park within the WZCZ at any time unless protected as described above.
17

18 Deviation from the above requirements shall not occur unless the Contractor has
19 requested the deviation in writing and the Engineer has provided written approval.
20

21 Minimum WZCZ distances are measured from the edge of traveled way and will be
22 determined as follows:
23

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

24 * or 2-feet beyond the outside edge of sidewalk
25

26 **Minimum Work Zone Clear Zone Distance**

27

28 **1-08, PROSECUTION AND PROGRESS**

29 **1-08.0 Preliminary Matters** 30 (May 25, 2006 APWA GSP) 31

32 Add the following new section:
33

34 **1-08.0(1) Preconstruction Conference** 35 (*****) 36

37
38 Prior to the Contractor beginning the work, a preconstruction conference will be held between the
39 Contractor, the Engineer and such other interested parties as may be invited. The purpose of the
40 preconstruction conference will be:

- 41 1. To review the initial progress schedule;
- 42 2. To establish a working understanding among the various parties associated or affected by the
43 work;
- 44 3. To establish and review procedures for progress payment, notifications, approvals, submittals,
45 etc.;
- 46 4. To establish normal working hours for the work;

5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

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

1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable as stated in Section 1-06 of the Standard Specifications.

Add the following new section:

1-08.0(2) Hours of Work
(December 8, 2014 APWA GSP)

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

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

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

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

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

1-08.1 Subcontracting

Section 1-08.1 is supplemented with the following:

(October 12, 1998)

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

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

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

13
14 The Contractor's records pertaining to the requirements of this Special Provision shall be open to
15 inspection or audit by representatives of the Contracting Agency during the life of the contract and
16 for a period of not less than three years after the date of acceptance of the contract. The
17 Contractor shall retain these records for that period. The Contractor shall also guarantee that
18 these records of all Subcontractors and lower tier Subcontractors shall be available and open to
19 similar inspection or audit for the same time period.
20

21 **1-08.3(2)A Type A Progress Schedule** 22 *(March 13, 2012 APWA GSP)*

23
24 Revise this section to read:

25
26 The Contractor shall submit ~~\$\$\$~~ 3 ~~\$\$\$~~ copies of a Type A Progress Schedule no later than one week
27 before the preconstruction conference, or some other mutually agreed upon submittal time. The
28 schedule may be a critical path method (CPM) schedule, bar chart, or other standard schedule
29 format. Regardless of which format used, the schedule shall identify the critical path. The Engineer
30 will evaluate the Type A Progress Schedule and approve or return the schedule for corrections
31 within 15 calendar days of receiving the submittal.
32

33 **Contractor's Weekly Activities**

34 *(*****)*

35
36 The Contractor shall submit a weekly schedule to the Engineer. The schedule shall indicate the
37 Contractor's proposed activities for the forthcoming week along with the hours of work. This will
38 permit the Engineer to more effectively provide the contract engineering and inspection for the
39 Contractor's operations.
40

41 The written weekly activity schedule shall be submitted to the Engineer or a designated assistant
42 before the end of the last shift on the next to the last working day of the week preceding the
43 indicated activities, or other mutually agreeable time.
44

45 If the Contractor proceeds with work not indicated on the weekly activity schedule, or in a
46 sequence differing from that which has been shown on the schedule, the Engineer may require the
47 Contractor to delay unscheduled activities until they are included on a subsequent weekly activity
48 schedule.
49

50 Separately, and in addition to the weekly schedule, the Contractor shall submit weekly a summary
51 of project activities to the Engineer. The summary of activities shall include a report of the nature
52 and progress of each of the major activities that were advanced on the project within the previous
53 week.
54

1 It shall be sufficiently detailed that a composite history of the project develops. The locations and
2 approximate quantity guardrail and traffic control work shall be reported. Unusual activity, and
3 conditions or events that may affect the course of the project shall also be reported.
4

5 **1-08.4 Prosecution of Work**

6
7 Delete this section and replace it with the following:
8

9 **1-08.4 Notice to Proceed and Prosecution of Work** 10 *(July 23, 2015 APWA GSP)*

11
12 Notice to Proceed will be given after the contract has been executed and the contract bond and
13 evidence of insurance have been approved and filed by the Contracting Agency. The Contractor
14 shall not commence with the work until the Notice to Proceed has been given by the Engineer. The
15 Contractor shall commence construction activities on the project site within ten days of the Notice to
16 Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the
17 work to the physical completion date within the time specified in the contract. Voluntary shutdown
18 or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to
19 complete the work within the time(s) specified in the contract.
20

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

29 **1-08.5 Time for Completion** 30 *(*****)*

31
32 Revise the third and fourth paragraphs to read:
33

34 Contract time shall begin on the first working day following the ~~\$\$\$14th \$\$~~ calendar day after the
35 Notice to Proceed start date. If the Contractor starts work on the project at an earlier date, then
36 contract time shall begin on the first working day when onsite work begins.
37

38 Each working day shall be charged to the contract as it occurs, until the contract work is physically
39 complete. If substantial completion has been granted and all the authorized working days have
40 been used, charging of working days will cease. Each week the Engineer will provide the
41 Contractor a statement that shows the number of working days: (1) charged to the contract the
42 week before; (2) specified for the physical completion of the contract; and (3) remaining for the
43 physical completion of the contract. The statement will also show the nonworking days and any
44 partial or whole day the Engineer declares as unworkable. Within 10 calendar days after the date
45 of each statement, the Contractor shall file a written protest of any alleged discrepancies in it. To
46 be considered by the Engineer, the protest shall be in sufficient detail to enable the Engineer to
47 ascertain the basis and amount of time disputed. By not filing such detailed protest in that period,
48 the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is
49 approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week
50 in which a 4-10 shift is worked would ordinarily be charged as a working day, then the fifth day of
51 that week will be charged as a working day whether or not the Contractor works on that day.
52

53 Revise the sixth paragraph to read:
54

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

- 4 1. The physical work on the project must be complete; and
- 5 2. The Contractor must furnish all documentation required by the contract and required by law, to
6 allow the Contracting Agency to process final acceptance of the contract. The following
7 documents must be received by the Project Engineer prior to establishing a completion date:
 - 8 a. Certified Payrolls (per Section 1-07.9(5)).
 - 9 b. Material Acceptance Certification Documents
 - 10 c. Quarterly Reports of Amounts Credited as DBE Participation, as required by the Contract
11 Provisions.
 - 12 d. Final Contract Voucher Certification
 - 13 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all
14 Subcontractors
 - 15 f. Property owner releases per Section 1-07.24

16
17 (*****)

18 This project shall be physically completed within *** 20 *** working days.

19
20 **1-08.9 Liquidated Damages**
21 *(August 14, 2013 APWA GSP)*

22
23 Revise the fourth paragraph to read:

24
25 When the Contract Work has progressed to Substantial Completion as defined in the Contract, the
26 Engineer may determine that the work is Substantially Complete. The Engineer will notify the
27 Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring
28 after the date so established, the formula for liquidated damages shown above will not apply. For
29 overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall
30 be assessed on the basis of direct engineering and related costs assignable to the project until the
31 actual Physical Completion Date of all the Contract Work. The Contractor shall complete the
32 remaining Work as promptly as possible. Upon request by the Project Engineer, the Contractor
33 shall furnish a written schedule for completing the physical Work on the Contract.
34

35 **1-09, MEASUREMENT AND PAYMENT**

36
37 **1-09.9 Payments**
38 *(March 13, 2012 APWA GSP)*

39
40 Delete the first four paragraphs and replace them with the following:

41
42 The basis of payment will be the actual quantities of Work performed according to the Contract and
43 as specified for payment.

44
45 The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction
46 Conference, to enable the Project Engineer to determine the Work performed on a monthly basis.
47 A breakdown is not required for lump sum items that include a basis for incremental payments as
48 part of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make
49 a determination based on information available. The Project Engineer's determination of the cost of
50 work shall be final.

1
2 Progress payments for completed work and material on hand will be based upon progress
3 estimates prepared by the Engineer. A progress estimate cutoff date will be established at the
4 preconstruction conference.
5

6 The initial progress estimate will be made not later than 30 days after the Contractor commences
7 the work, and successive progress estimates will be made every month thereafter until the
8 Completion Date. Progress estimates made during progress of the work are tentative, and made
9 only for the purpose of determining progress payments. The progress estimates are subject to
10 change at any time prior to the calculation of the final payment.
11

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

- 13 1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work
14 completed multiplied by the unit price.
- 15 2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum
16 breakdown for that item, or absent such a breakdown, based on the Engineer's determination.
- 17 3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other
18 storage area approved by the Engineer.
- 19 4. Change Orders — entitlement for approved extra cost or completed extra work as determined
20 by the Engineer.
21

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

- 23 1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
- 24 2. The amount of progress payments previously made; and
- 25 3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract
26 Documents.
27

28 Progress payments for work performed shall not be evidence of acceptable performance or an
29 admission by the Contracting Agency that any work has been satisfactorily completed. The
30 determination of payments under the contract will be final in accordance with Section 1-05.1.
31

32 **1-09.9(1) Retainage**

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

34 **Retainage of 5 percent shall be as required by RCW 60.28.011.**
35

36 **1-09.11 Disputes and Claims**

37 **1-09.11(3) Time Limitation and Jurisdiction**

38 *(July 23, 2015 APWA GSP)*
39

40 Revise this section to read:
41

42
43 For the convenience of the parties to the Contract it is mutually agreed by the parties that any
44 claims or causes of action which the Contractor has against the Contracting Agency arising from
45 the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-
46 05.12) of the Contract by the Contracting Agency; and it is further agreed that any such claims or
47 causes of action shall be brought only in the Superior Court of the county where the Contracting
48 Agency headquarters is located, provided that where an action is asserted against a county, RCW
49 36.01.05 shall control venue and jurisdiction. The parties understand and agree that the
50 Contractor's failure to bring suit within the time period provided, shall be a complete bar to any such
51 claims or causes of action. It is further mutually agreed by the parties that when any claims or
52

1 causes of action which the Contractor asserts against the Contracting Agency arising from the
2 Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the
3 Contracting Agency to have timely access to any records deemed necessary by the Contracting
4 Agency to assist in evaluating the claims or action.

5 6 **1-09.13 Claims Resolution**

7 8 **1-09.13(3) Claims \$250,000 or Less** 9 *(October 1, 2005 APWA GSP)*

10 Delete this Section and replace it with the following:

11
12
13 The Contractor and the Contracting Agency mutually agree that those claims that total \$250,000 or
14 less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR
15 processes, shall be resolved through litigation unless the parties mutually agree in writing to resolve
16 the claim through binding arbitration.

17 18 **1-09.13(3)A Administration of Arbitration** 19 *(July 23, 2015 APWA GSP)*

20
21 Revise the third paragraph to read:

22
23 The Contracting Agency and the Contractor mutually agree to be bound by the decision of the
24 arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior
25 Court of the county in which the Contracting Agency's headquarters is located, provided that where
26 claims subject to arbitration are asserted against a county, RCW 36.01.05 shall control venue and
27 jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the
28 decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

29 30 **1-09.13(4) Claims in Excess of \$250,000**

31
32 Section 1-09.13(4) is hereby deleted and replaced with the following:

33 **CLAIMS RESOLUTION**

34
35 *(*****)*

36
37 Any dispute arising from the contract shall be processed in accordance with Section 1-04.5 and
38 Sections 1-09.11 through 1-09.13(1) of the Standard Specifications. The provisions of these
39 sections must be complied with in full as a condition precedent to the Contractor's right to seek
40 claims resolution through arbitration or litigation. The Contractor may file with the Engineer a
41 request for binding arbitration; the Engineer's decision regarding that request shall be final and
42 unappealable. Nothing in this paragraph affects or tolls the limitations period as set forth in
43 Section 1-09.11(3) of the Standard Specifications. However, if the Contractor files a lawsuit raising
44 any claim(s) arising from the contract, the parties shall, if the Engineer so directs, submit such
45 claim(s) to binding arbitration, subject to the rights of any party thereto to file with the Lewis County
46 Superior Court motions to dismiss or for summary judgment at any time. In any binding arbitration
47 proceeding, the provisions of subparagraphs (a) and (b) shall apply.

- 48
49 a) Unless the parties otherwise agree, all disputes subject to arbitration shall be heard in
50 a single arbitration hearing, and then only after completion of the contract. The
51 parties shall be bound by Ch. 7.04 RCW generally, and by the arbitration rules
52 hereafter stated, and shall, for purposes of administration of the arbitration, comply
53 where applicable with the 1994 Lewis County Superior Court Mandatory Arbitration
54 Rules (LMAR) sections 1.1(b), 1.3, 2.3, 3.1, 3.2(a) and (b), 5.1, 5.2 (except as
55 referenced to MAR 5.2), 5.3, 6.1, 6.2 (including the referenced MAR 6.2), and 8.6.

1 There shall be one arbitrator, to be chosen by mutual agreement of the parties from
2 the list provided by the Lewis County Superior Court Administrator. If the parties
3 cannot agree on a person to serve as arbitrator, the matter shall be submitted for
4 appointment of an arbitrator under LMAR 2.3. The arbitrator shall determine the
5 scope and extent of discovery, except that the Contractor shall provide and update
6 the information required by Section 1-09.11(2) of the Standard Specifications.
7 Additionally, each party shall file a statement of proof with the other party and the
8 arbitrator at least 20 calendar days before the scheduled arbitration hearing. The
9 statement of proof shall include:

- 10 1. The name, business address and contact telephone number of each
11 witness who will testify at the hearing.
- 12 2. For each witness to be offered as an expert, a statement of the subject
13 matter and a statement of the facts, resource materials (not protected by
14 privilege) and learned treatises upon which the expert is expected to
15 testify and render an opinion(s), synopsis of the basis for such
16 opinion(s), and a resume of the expert detailing his/her qualifications as
17 an expert and pursuant to rendering such opinion(s). A list of documents
18 and other exhibits the party intends to offer in evidence at the arbitration
19 hearing. Either party may request a copy of any document listed, and a
20 copy or description of any other exhibit listed. The party receiving the
21 request shall provide the copies or description within five (5) calendar
22 days. The parties or arbitrator may subpoena parties in accordance with
23 the Superior Court Mandatory Arbitration Rules (MAR) of Washington,
24 Rule 4.3, and witness fees and costs shall be provided for under Rule
25 6.4, thereof. The arbitrator may permit a party to call a witness or offer a
26 document or other exhibit not included in the statement of proof only
27 upon a showing of good cause.

28
29
30
31 b) The arbitration hearing shall be conducted at a location within Lewis County,
32 Washington. The extent of application of the Washington Rules of Evidence shall be
33 determined in the exercise of sound discretion of the arbitrator, except that such
34 Rules should be liberally construed in order to promote justice. The parties should
35 stipulate to the admission of evidence when there is no genuine issue as to its
36 relevance or authenticity. The decision of the arbitrator and the specific grounds for
37 the decision shall be in writing. The arbitrator shall use the contract as a basis for its
38 decisions. The County and the Contractor agree to be bound by the decision of the
39 arbitrator, subject to such remedies as are provided in Ch. 7.04 RCW. Judgment
40 upon the award rendered by the arbitrator shall be entered as judgment before the
41 presiding judge of the Superior Court for Lewis County. Each party shall bear its own
42 costs in connection with the arbitration. Each party shall pay one-half of the
43 arbitrator's fees and expenses.
44

45 **1-10, TEMPORARY TRAFFIC CONTROL**

46 **1-10.2 Traffic Control Management**

47 **1-10.2(1) General** 48 (December 1, 2008)

49 Section 1-10.2(1) is supplemented with the following:
50

51 (January 3, 2017)

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

3
4 The Northwest Laborers-Employers Training Trust
5 27055 Ohio Ave.
6 Kingston, WA 98346
7 (360) 297-3035

8
9 Evergreen Safety Council
10 12545 135th Ave. NE
11 Kirkland, WA 98034-8709
12 1-800-521-0778

13
14 The American Traffic Safety Services Association
15 15 Riverside Parkway, Suite 100
16 Fredericksburg, Virginia 22406-1022
17 Training Dept. Toll Free (877) 642-4637
18 Phone: (540) 368-1701

19
20 **1-10.2(2) Traffic Control Plans**

21 (*****)

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

23
24 The Contracting Agency has attached a Traffic Control Plan in Appendix E for temporary traffic
25 control use on this project. Alternating one-way traffic shall be maintained by the Contractor as
26 shown in the Traffic Control Plan. All signs required for this project (as shown on the Traffic
27 Control Plan) shall be the Contractors responsibility to furnish, erect, and maintain. The Contractor
28 shall adopt the Traffic Control Plan in writing to the Engineer or furnish a new plan. The Contractor
29 shall conduct his operations on the roadway in a manner that one-way traffic is maintained at all
30 times, unless otherwise directed by the Engineer.

31
32 If determined by the Engineer that additional signing (not shown on the Traffic Control Plan) is
33 needed, it shall be the Contractors responsibility to furnish, erect, and maintain these additional
34 signs at no cost to the Contracting Agency.

35
36 **1-10.2(3) Conformance to Established Standards**

37 (*****)

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

39
40 The latest revision of the WSDOT Manual M54-44 "Work Zone Traffic Control Guidelines"
41 (WZTCG) is hereby made a part of this contract by reference as if contained fully herein.

42
43 **1-10.4 Measurement**

44
45 **1-10.4(1) Lump Sum Bid for Project (No Unit Items)**

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

47
48 (August 2, 2004)

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

51
52 **EXISTING SIGNS**

53 (*****)

1 During the life of the contract, the Contractor shall be responsible for all existing signs damaged or
2 removed by construction operations.

3
4 Warning and regulatory signs may be temporarily relocated to portable sign stands for convenience of
5 construction subject to the approval of the Engineer. The signs shall be located at or as near as
6 practical to their original locations and shall have a minimum vertical clearance above the pavement in
7 accordance with the Manual on Uniform Traffic Control Devices. Upon completion of construction in
8 the area immediately surrounding the permanent sign location, the Contractor shall reinstall the sign
9 and supports in their permanent locations.

10
11 Signs damaged or removed shall be replaced by the Contractor at no cost to the County.

12
13 All costs involved in removing, maintaining and resetting existing signing as specified shall be
14 considered incidental to the project and included in the various bid items therein. No additional
15 compensation will be allowed.

16
17 **DIVISION 2**
18 **EARTHWORK**
19

20 **2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

21
22 **2-01.1 Description**
23 (March 13, 1995)

24
25 Section 2-01.1 is supplemented with the following:

26
27 Clearing and grubbing on this project shall be performed within the following limits:

28
29 The area staked in the field by the Engineer prior to bid opening.
30

31 **2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

32 **2-02.1 Description**

33 Section 2-02.1 is supplemented with the following:

34
35 (March 13, 1995)

36 This work shall consist of removing miscellaneous guardrail elements and asphalt as needed to install
37 new guardrail posts.

38
39 **2-02.3 Construction Requirements**

40 Section 2-02.3 is supplemented with the following:

41
42 **Removing Miscellaneous Items**

43
44 (March 13, 1995)

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

46
47 *** Guardrail ***

48 *** Guardrail posts and blocks ***

49 *** Guardrail anchors ***

50 *** Other miscellaneous guardrail elements ***

51
52 **2-02.4 Measurement**

53 Lewis County Guardrail Replacement Project
County Project No.: 63E-575320 & 63E-700780

1
2 No specific unit of measurement will apply to the lump sum item of "Removal of Structure and
3 Obstruction". Traffic signs to be adjusted or moved shall be considered incidental to this bid item.
4

5 **2-02.5 Payment**

6
7 Payment will be made in accordance with Section 1-04.1, for the following Bid item when it is included
8 in the Proposal:

9
10 "Removal of Structure and Obstruction", lump sum.
11

12
13 **DIVISION 3**
14 **PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING**
15

16 **3-01, PRODUCTION FROM QUARRY AND PIT SITES**

17 **3-01.4 Contractor Furnished Material Sources**

18 **3-01.4(1) Acquisition and Development**

19 (*****)

20 Section 3-01.4(1) is supplemented with the following:
21

22
23 No source has been provided for any materials necessary for the construction of this project.
24

25 **DIVISION 4**
26 **BASES**
27

28 **4-04, BALLAST AND CRUSHED SURFACING**

29
30 **4-04.3 Construction Requirements**

31 **4-04.3(5) Shaping and Compacting**

32 (*****)

33 Section 4-04.3(5) is deleted and replaced with the following:
34

35
36
37 Immediately following the placement of the crushed surfacing base course for the widened
38 embankments and shoulder widening, Crushed Surfacing Base Course shall be mechanically
39 compacted to the satisfaction of the Engineer. Water shall be used to achieve the desired compaction.
40 The completed crushed surfacing base course shall have a smooth, tight, uniform surface true to line,
41 grade, and cross-section shown in the plans, or as staked in the field by the Engineer.
42

43 **4-04.3(6) Keystone**

44 (*****)

45 Section 4-04.3(6) is supplemented with the following:
46

47
48 Keystone shall be used at the top of the widening (2% grade) to achieve tight uniform surface as
49 shown in the contract plans.
50

51 The first sentence of the third paragraph of Section 4-04.3(6) is deleted.

1
2 **4-04.3(7) Miscellaneous Requirements**

3 (*****)

4
5 Section 4-04.3(7) is supplemented with the following:

6
7 After the guardrail has been installed the Contractor will be required to place Crushed Surfacing
8 Base Course adjacent to and under the guardrail run. This material will be hand raked and
9 compacted to the satisfaction of the Engineer.

10
11 **4-04.3(9) Hauling**

12 (*****)

13
14 Section 4-04.3(9) is supplemented with the following:

15
16 No payment will be made for hauling the Crushed Surfacing Base Course required on this project.
17 The cost of hauling the surfacing material shall be included in the unit contract prices for the Item
18 involved.

19
20 **4-04.5 Payment**

21 (*****)

22
23 Section 4-04.5 is supplemented with the following:

24
25 All costs involved in building and compaction of widened embankments required for flared guardrail
26 terminals, building widened shoulders and placing the Crushed Surfacing Base Course (including
27 Keystone) adjacent to and under the guardrail runs will be included in the contract price per ton for
28 "Crushed Surfacing Base Course". Water for compaction shall be considered incidental to this bid item.

29
30
31 **DIVISION 8**
32 **MISCELLANEOUS CONSTRUCTION**

33
34 **8-11, GUARDRAIL**

35
36 **8-11.3 Construction Requirements**

37
38 **8-11.3(1) Beam Guardrail**

39 (April 5, 2010)

40 Section 8-11.3(1) is supplemented with the following:

41
42 This project may contain a mixture of steel and wood posts. The bidder is advised that post
43 selection will be as detailed in the plans and these specifications.

44
45 (*****)

46 **New Thrie Beam Section**

47 The Contractor shall remove and replace the damaged Thrie Beam Section as shown in the
48 Contract plans.

49
50 (*****)

51 **Underground Utility Verification Pothole**

52 This work shall consist of excavation, haul and disposal of the existing roadbed and shoulder
53 material at all locations proposed for guardrail posts that are in direct conflict with an underground

1 utility as marked in the field and identified during the contractor's post layout process. The roadbed
2 material will be excavated to the extent necessary to reveal the utility for verification of horizontal
3 location and depth prior to the installation of the posts in these areas. The excavation shall be
4 accomplished by the use of a vactor truck or similar non-destructive equipment, pre-approved by
5 the Engineer that will not have the potential to damage the utility during excavation of the holes.
6 The areas to be excavated will be as determined by the collaboration of the contractor, the utility
7 owner and the Engineer. The Contracting Agency assumes no risk for the excavation and exposure
8 of any utility by the contractor and assumes no liability as a result of any damages incurred to any
9 utility resulting from the contractor's operations. Backfill of any pothole verification hole shall be
10 done with crushed surfacing.

11
12 This Item shall not be subject to the provisions of Section 1-04.4 or 1-04.6 of the Specifications and
13 will only be used as may be necessary for the work to proceed in a safe and timely manner. **This
14 work if necessary shall be considered incidental to the guardrail work performed for this
15 project**

16
17 (*****)

18 **Order of Work**

19
20 The Contractor shall schedule and pursue the work to create the least interruption and danger to
21 the traveling public. The Contractor must abide by the following general requirements:

- 22
23 1. The Contractor shall not remove any unprotected portion of the existing guardrail run unless the
24 replacement components have been assembled and all replacement work is accomplished in
25 the same working day.
- 26
27 2. The Contractor shall install rail and posts on the same day so that no unprotected, exposed
28 posts remain at the end of the working day.
- 29
30 3. Once started, the Contractor shall complete the installation of a guardrail run in a continuous
31 operation.
- 32
33 4. The Contractor shall return the roadway to unrestricted use at the end of the work day.

34 35 **8-11.4 Measurement**

36 Section 8-11.4 is supplemented with the following:

37
38 "New Thrie Beam Section" will be measured by the linear foot.

39
40 Measurement of the "Underground Utility Verification Pothole" will not be measured and considered
41 incidental to other items of work.

42 43 **8-11.5 Payment**

44 Section 8-11.5 is supplemented with the following:

45
46 "New Thrie Beam Section" will be measured by the linear foot.

47 48 **POWER EQUIPMENT**

49 (*****)

50
51 The successful bidder will be required to furnish the County a list of all equipment that they anticipate
52 utilizing on this project.

1 The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder
2 will be required to complete and return with the contract documents. This information will enable hourly
3 rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for Construction
4 Equipment". No payment for any force account work will be allowed until this form has been returned
5 and accepted by the County.
6

7 E-VERIFY

8 (*****)

9
10 "Effective June 21st, 2010, all contracts with a value of \geq \$100,000 shall require that the awarded
11 contractor register with the Department of Homeland Security E-Verify program. Contractors shall have
12 sixty days after the execution of the contract to register and enter into a Memorandum of Understanding
13 (MOU) with the Department of Homeland Security (DHS) E-Verify program. After completing the MOU
14 the contractor shall have an additional sixty days to provide a written record on the authorized
15 employment status of their employees and those of any sub-contractor(s) currently assigned to the
16 contract. Employees hired during the execution of the contract and after submission of the initial
17 verification will be verified to the county within 30 days of hire, as reported from the E-Verify program.
18 The contractor will continue to update the County on all corrective actions required and changes made
19 during the performance of the contract."
20

21 BOND

22 (*****)

23
24 The Bidder's special attention is directed to the attached bond form, which the successful bidder will be
25 required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.** The
26 bond shall be for the full amount of the contract.
27

28 LEWIS COUNTY ESTIMATES AND PAYMENT POLICY

29 (*****)

30 On or before the 5th day of each calendar month during the term of this contract, the Contracting
31 Agency shall prepare monthly Progress Payments for work completed and material furnished. If the
32 Contractor agrees, the Contractor will approve the Progress Payment and return the estimate to the
33 Contracting Agency by the 15th day of that same calendar month. The Contracting Agency shall
34 prepare a voucher based upon the approved Progress Payment and payment based thereon shall be
35 due the Contractor near the 10th day of the next calendar month. Material Supply contracts involving
36 delivery of prefabricated material or stockpile material only (no physical work on Contracting Agency
37 property) may be reimbursed via Contractor generated invoices upon written approval by the Engineer.
38 Reimbursement by invoice shall not be subject to late charges listed on the Contractor's standard
39 invoice form.
40

41 When the Contractor reports the work is completed he/she shall then notify the Contracting Agency.
42 The Contracting Agency shall inspect the work and report any deficiencies to the Contractor. When the
43 Contracting Agency is satisfied the work has been completed in accordance with all plans and
44 specifications, the Contracting Agency shall then accept the work.
45

46 Upon completion of all work described in this Contract, the Contracting Agency shall prepare a Final
47 Progress Payment and Final Contract Voucher for approval by the Contractor and processing for final
48 payment. Release of the Contract Bond will be 60 days following Contracting Agency Final Acceptance
49 of Contract, provided the conditions of Section 1-03.4 and Section 1-07.2 of these Special Provisions
50 have been satisfied.
51

APPENDICES

1 (July 12, 1999)

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

3

4 ***** APPENDIX A:
5 Beam Guardrail Post Installation Detail

6

7 APPENDIX B:
8 Washington State Prevailing Wage Rates
9 Wage Rate Supplement
10 Wage Rate Benefit Code Key

11

12 APPENDIX C:
13 Bid Proposal Documents

14

15 APPENDIX D:
16 Contract Documents

17

18 APPENDIX E:
19 WSDOT Standard Plans
20 Contract Plans
21 Traffic Control Plan *****

22

(AUGUST 7, 2017)
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 7, 2017 is made a part of this contract.

The Standard Plans are revised as follows:

A-30.15
DELETED

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”

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-70.10

A-60.30
Note 4, was – “If the ACP and membrane is to be removed from the bridge deck, see GSP 023106 for deck preparation before placing new membrane.” Is revised to read; “If the ACP and membrane is to be removed from the bridge deck, see GSP 6-02.3(10)D.OPT6.GB6 for deck preparation before placing new membrane.”

B-10.20
Substitute “step” in lieu of “handhold” on plan

B-25.20
Note 4, was – “Bolt-Down capability is required on all frames, grates and covers, unless specified in the Contract. Provide two holes in the Frame that are vertically aligned with the grate slots. The frame shall accept the 5/8” x 11 NC x 2” allen head cap screw by being tapped, or other approved mechanism. The location of bolt-down holes varies among manufacturers. See BOLT-DOWN DETAIL, **Standard Plan B-30.10**. Is revised to read; “Bolt-Down capability is required on all frames, grates and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8” (in) - 11 NC x 2” (in) Allen head cap screw by being tapped, or other approved mechanism. The location of bolt-down holes varies by manufacturer.”
See BOLT-DOWN DETAIL, **Standard Plan B-30.10**.

Add Note 7. See Standard Specification Section 8-04 for Curb and Gutter requirements

B-30.70
Note 2, was – “Bolt-Down capability is required on all frames, grates and covers, unless specified otherwise in the Contract. Provide 3 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8” -1 NC x 2” Allen head cap

screw by being tapped, or other approved mechanism. Location of bolt down holes varies by manufacturer." Is revised to read; "Bolt-Down capability is required on all frames, grates and covers, unless specified otherwise in the Contract. Provide 3 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC x 2" (in) Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer."

RING PLAN, callout, was - "DRILL AND TAP 5/8" - 11NC HOLE FOR 1 1/2" X 5/8" STAINLESS STEEL SOCKET HEAD CAP SCREW (TYP.)" is revised to read; "SEE NOTE 2"

B-90.40

Valve Detail - DELETED

C-16b

DELETED

C-22.14

Note 3, formula, was: "Elevation G = (Elevation S - D x (0.1) + 28" is revised to read: "Elevation G = (Elevation S - D x (0.1) + 28/12"

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-22.41

DELETED

C-25.18

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

G-22.10

Sheet 2, Elevation , Three-Post Installation, Dimension, upper right, was – ".035" is revised to read: " 0.35X"

G-24.60

Sheet 1, View A, Dimension @ Bottom of sign, is = 3" is revised to read: 6".

G-60.10

Sheet 3, TYPICAL TRUSS DETAILS, BASE ~ TOP, callout, was – "15/16"(IN) DIAM. HOLES FOR FOUR, 7/8" (IN) DIAM. BOLTS (ASTM A 325)" is revised to read: "15/16"(IN) DIAM. HOLES FOR FOUR, 7/8" (IN) DIAM. BOLTS (ASTM F3125, GRADE A325)"

G-90.10

TOP VIEW, callout, was – “Vertical Brace ~ W4 x 13 steel (TYP.)(See Note 4)” is revised to read; “Vertical Brace ~ W4 x 13 steel (TYP.)(See Note 3)”

G-95.10

Sheet 2, Detail “B”, Plan View, callout, was – “5/8” DIAM. ASTM A 325 H.S. BOLT W/HEAVY HEX NUT AND WASHER, GALV. (TYP.) TIGHTEN PER STD. SPEC. 6-03.3(33)” is revised to read: “5/8” DIAM. ASTM F 3125, GRADE A325 H.S. BOLT W/HEAVY HEX NUT AND WASHER, GALV. (TYP.) TIGHTEN PER STD. SPEC. 6-03.3(33)”

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-3

DELETED

J-3b

DELETED

J-3C

DELETED

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.”

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 1/2” DIAM. is revised to read; CHASE NIPPLE ~ 1 1/2” (IN) DIAM.

J-26.20

Sheet 1, NOTES, Note 5, was - "Connecting/clamping bolts AASHTO M 164 (ASTM A325)" is revised to read: "Connecting/clamping bolts ASTM F3125 GRADE A325"

Was - "NUTS AASHTO M 291 (ASTM A263) GRADE DH" is revised to read: "NUTS ASTM A563 GRADE DH"

J-28.43

KEY notes, note 1, was - "CLAMPING BOLTS, 7/8" (IN) DIAM. HEX HEAD BOLT AND NUT, TWO PLATE WASHERS, ONE HARDENED ROUND WASHER, 87 FT-LBS TORQUE (THREE CLAMPING BOLT ASSEMBLIES PER SLIP BASE) (PER ASTM A325)" is revised to read: "CLAMPING BOLTS, 7/8" (IN) DIAM. HEX HEAD BOLT AND NUT, TWO PLATE WASHERS, ONE HARDENED ROUND WASHER, 87 FT-LBS TORQUE (THREE CLAMPING BOLT ASSEMBLIES PER SLIP BASE) (PER ASTM F3125 GRADE A325)"

J-40.10

Sheet 2 of 2, Detail F, callout, "12 - 13 x 1 1/2" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT WASHER" is revised to read; "12 - 13 x 1 1/2" 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

M-11.10

Layout, dimension (from stop bar to "X"), was - 23' is revised to read; 24'

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-60.30-00.....11/8/07
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-30.50-02.....1/26/17	B-75.20-01.....6/10/08
B-5.40-02.....1/26/17	B-30.70-03.....4/26/12	B-75.50-01.....6/10/08
B-5.60-02.....1/26/17	B-30.80-00.....6/8/06	B-75.60-00.....6/8/06
B-10.20-01.....2/7/12	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-10.60-00.....6/8/06	B-35.40-00.....6/8/06	B-82.20-00.....6/1/06
B-10.70-00.....1/26/17	B-40.20-00.....6/1/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-40.40-02.....1/26/17	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-45.20-01.....7/11/17	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-45.40-01.....7/21/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-50.20-00.....6/1/06	B-85.50-01.....6/10/08
B-20.40-03.....3/16/12	B-55.20-01.....1/26/17	B-90.10-00.....6/8/06

B-20.60-03.....3/15/12	B-60.20-00.....6/8/06	B-90.20-00.....6/8/06
B-25.20-01.....3/15/12	B-60.40-00.....6/1/06	B-90.30-00.....6/8/06
B-25.60-01.....1/26/17	B-65.20-01.....4/26/12	B-90.40-01.....1/26/17
B-30.10-02.....1/26/17	B-65.40-00.....6/1/06	B-90.50-00.....6/8/06
B-30.20-03.....1/26/17	B-70.20-00.....6/1/06	B-95.20-01.....2/3/09
B-30.30-02.....1/26/17	B-70.60-01.....1/26/17	B-95.40-00.....6/8/06
B-30.40-02.....1/26/17		

C-1.....7/12/16	C-6.....7/15/16	C-23.60-04.....7/21/17
C-1a.....7/14/15	C-6a.....10/14/09	C.24.10-01.....6/11/14
C-1b.....7/14/15	C-6c.....7/15/16	C-25.20-06.....7/14/15
C-1c.....7/12/16	C-6d.....7/15/16	C-25.22-05.....7/14/15
C-1d.....10/31/03	C-6f.....7/15/16	C-25.26-03.....7/14/15
C-2.....1/6/00	C-7.....6/16/11	C-25.80-04.....7/15/16
C-2a.....6/21/06	C-7a.....6/16/11	C-40.14-02.....7/2/12
C-2b.....6/21/06	C-8.....2/10/09	C-40.16-02.....7/2/12
C-2c.....6/21/06	C-8a.....7/25/97	C-40.18-03.....7/21/17
C-2d.....6/21/06	C-8b.....2/29/16	C-70.10-01.....6/17/14
C-2e.....6/21/06	C-8e.....2/21/07	C-75.10-01.....6/11/14
C-2f.....3/14/97	C-8f.....6/30/04	C-75.20-01.....6/11/14
C-2g.....7/27/01	C-10.....7/15/16	C-75.30-01.....6/11/14
C-2h.....3/28/97	C-16a.....7/21/17	C-80.10-01.....6/11/14
C-2i.....3/28/97	C-20.10-04.....7/21/17	C-80.20-01.....6/11/14
C-2j.....6/12/98	C-20.11-00.....7/21/17	C-80.30-01.....6/11/14
C-2k.....7/12/16	C-20.14-03.....6/11/14	C-80.40-01.....6/11/14
C-2n.....7/12/16	C-20.15-02.....6/11/14	C-80.50-00.....4/8/12
C-2o.....7/13/01	C-20.18-02.....6/11/14	C-85.10-00.....4/8/12
C-2p.....10/31/03	C-20.19-02.....6/11/14	C-85.11-00.....4/8/12
C-3.....7/2/12	C-20.40-06.....7/21/17	C-85.14-01.....6/11/14
C-3a.....10/4/05	C-20.41-01.....7/14/15	C-85.15-01.....6/30/14
C-3b.....6/27/11	C-20.42-05.....7/14/15	C-85.16-01.....6/17/14
C-3c.....6/27/11	C-20.45.01.....7/2/12	C-85-18-01.....6/11/14
C-4b.....7/15/16	C-22.14-04.....7/15/16	C-85.20-01.....6/11/14
C-4e.....7/15/16	C-22.16-06.....7/21/17	C-90.10-00.....7/3/08
C-4f.....7/2/12	C-22.40-06.....7/21/17	
	C-22.45-03.....7/21/17	

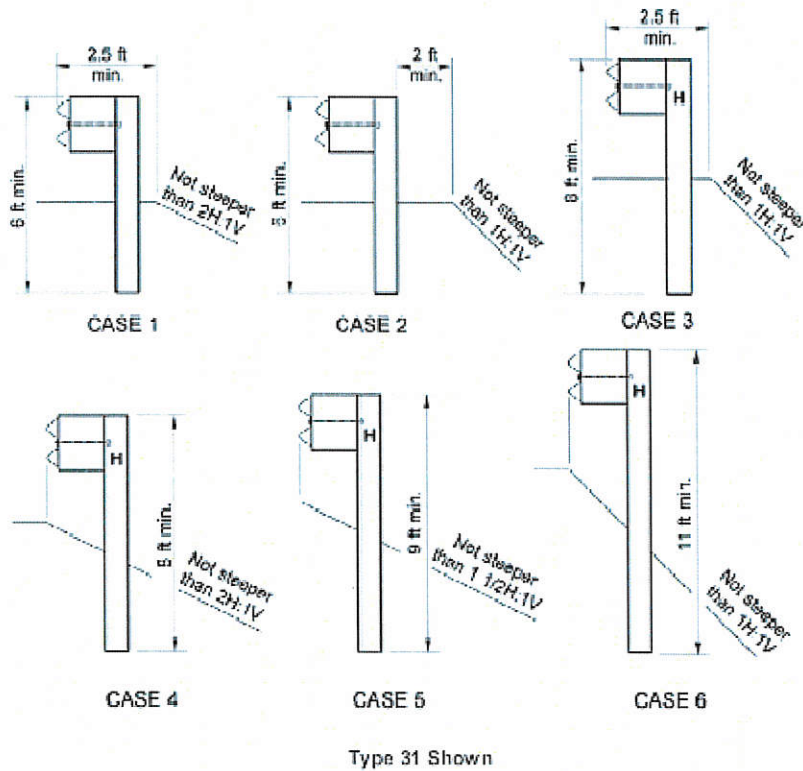
D-2.04-00.....11/10/05	D-2.48-00.....11/10/05	D-3.17-02.....5/9/16
D-2.06-01.....1/6/09	D-2.64-01.....1/6/09	D-4.....12/11/98
D-2.08-00.....11/10/05	D-2.66-00.....11/10/05	D-6.....6/19/98
D-2.14-00.....11/10/05	D-2.68-00.....11/10/05	D-10.10-01.....12/2/08
D-2.16-00.....11/10/05	D-2.80-00.....11/10/05	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-22.10-03.....7/10/15	G-50.10-02.....6/23/15	G-90.20-05.....7/11/17
G-24.10-00.....11/8/07	G-60.10-03.....6/18/15	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-24.30-01.....2/7/12	G-60.30-02.....6/18/15	G-95.10-01.....6/2/11
G-24.40-06.....2/29/16	G-70.10-03.....6/18/15	G-95.20-02.....6/2/11
G-24.50-04.....7/11/17	G-70.20-04.....7/21/17	G-95.30-02.....6/2/11
G-24.60-04.....6/23/15	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-30.60-00.....5/29/13	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-26.20-00.....6/11/14	J-40.38-01.....5/20/13
J-10.10-03.....6/3/15	J-27.10-01.....7/21/16	J-40.39-00.....5/20/13
J-10.15-01.....6/11/14	J-27.15-00.....3/15/12	J-40.40-01.....4/28/16
J-10.16-00.....6/3/15	J-28.10-01.....5/11/11	J-45.36-00.....7/21/17
J-10.17-00.....6/3/15	J-28.22-00.....8/07/07	J-50.05-00.....7/21/17
J-10.18-00.....6/3/15	J-28.24-01.....6/3/15	J-50.10-00.....6/3/11
J-10.20-01.....6/1/16	J-28.26-01.....12/02/08	J-50.11-01.....7/21/17
J-10.21-00.....6/3/15	J-28.30-03.....6/11/14	J-50.12-01.....7/21/17
J-10.22-00.....5/29/13	J-28.40-02.....6/11/14	J-50.15-01.....7/21/17
J-10.25-00.....7/11/17	J-28.42-01.....6/11/14	J-50.16-01.....3/22/13
J-15.10-01.....6/11/14	J-28.43-00.....6/11/14	J-50.20-00.....6/3/11
J-15.15-02.....7/10/15	J-28.45-03.....7/21/16	J-50.25-00.....6/3/11
J-20.10-03.....6/30/14	J-28.50-03.....7/21/16	J-50.30-00.....6/3/11
J-20.11-02.....6/30/14	J-28.60-02.....7/21/16	J-60.05-01.....7/21/16
J-20.15-03.....6/30/14	J-28.70-03.....7/21/17	J-60.11-00.....5/20/13
J-20.16-02.....6/30/14	J-29.10-01.....7/21/16	J-60.12-00.....5/20/13
J-20.20-02.....5/20/13	J-29.15-01.....7/21/16	J-60.13-00.....6/16/10
J-20.26-01.....7/12/12	J-29.16-02.....7/21/16	J-60.14-00.....6/16/10
J-21.10-04.....6/30/14	J-30.10-00.....6/18/15	J-75.10-02.....7/10/15
J-21.15-01.....6/10/13	J-40.05-00.....7/21/16	J-75.20-01.....7/10/15
J-21.16-01.....6/10/13	J-40.10-04.....4/28/16	J-75.30-02.....7/10/15
J-21.17-01.....6/10/13	J-40.20-03.....4/28/16	J-75.40-02.....6/1/16
J-21.20-01.....6/10/13	J-40.30-04.....4/28/16	J-75.41-01.....6/29/16
J-22.15-02.....7/10/15	J-40.35-01.....5/29/13	J-75.45-02.....6/1/16
J-22.16-03.....7/10/15	J-40.36-02.....7/21/17	J-90.10-02.....4/28/16

J-26.10-03.....7/21/16	J-40.37-02.....7/21/17	J-90.20-02.....4/28/16
J-26.15-01.....5/17/12		J-90.21-01.....4/28/16
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-12.10-00.....7/11/17	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

Beam Guardrail Post Installation Detail



Notes:

- Use Cases 1 and 3 when there is a 2.5-foot or greater shoulder widening from face of guardrail to the breakpoint.
- Use Case 2 when there is a 4.0-foot or greater shoulder widening from the face of the guardrail to the breakpoint.
- Use Cases 4, 5, and 6 when there is less than a 2.5-foot shoulder widening from face of guardrail to the breakpoint.

Beam Guardrail Post Installation

Exhibit 1610-11

APPENDIX B

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: 11/14/2017

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Lewis	Asbestos Abatement Workers	Journey Level	\$46.57	<u>5D</u>	<u>1H</u>	
Lewis	Boilermakers	Journey Level	\$64.54	<u>5N</u>	<u>1C</u>	
Lewis	Brick Mason	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Brick Mason	Pointer-Caulker-Cleaner	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Building Service Employees	Janitor	\$11.00		<u>1</u>	
Lewis	Building Service Employees	Shampooer	\$11.00		<u>1</u>	
Lewis	Building Service Employees	Waxer	\$11.00		<u>1</u>	
Lewis	Building Service Employees	Window Cleaner	\$13.22		<u>1</u>	
Lewis	Cabinet Makers (In Shop)	Journey Level	\$23.17		<u>1</u>	
Lewis	Carpenters	Acoustical Worker	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Bridge, Dock And Wharf Carpenters	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Carpenter	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Carpenters on Stationary Tools	\$57.31	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Creosoted Material	\$57.28	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Floor Finisher	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Floor Layer	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Scaffold Erector	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Cement Masons	Journey Level	\$57.21	<u>7A</u>	<u>1M</u>	
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$110.54	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Dive Supervisor/Master	\$72.97	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Diver	\$110.54	<u>5D</u>	<u>4C</u>	<u>8V</u>
Lewis	Divers & Tenders	Diver On Standby	\$67.97	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Diver Tender	\$61.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Manifold Operator	\$61.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$66.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Remote Operated Vehicle	\$61.65	<u>5D</u>	<u>4C</u>	

		Operator/Technician			
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$57.43	<u>5A</u>	<u>4C</u>
Lewis	Dredge Workers	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Engineer Welder	\$57.51	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Leverman, Hydraulic	\$58.67	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Mates	\$56.44	<u>5D</u>	<u>3F</u>
Lewis	Dredge Workers	Oiler	\$56.00	<u>5D</u>	<u>3F</u>
Lewis	Drywall Applicator	Journey Level	\$56.78	<u>5D</u>	<u>1H</u>
Lewis	Drywall Tapers	Journey Level	\$23.26		<u>1</u>
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$11.00		<u>1</u>
Lewis	Electricians - Inside	Cable Splicer	\$66.64	<u>5C</u>	<u>1G</u>
Lewis	Electricians - Inside	Journey Level	\$62.74	<u>5C</u>	<u>1G</u>
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$70.53	<u>5C</u>	<u>1G</u>
Lewis	Electricians - Inside	Welder	\$66.64	<u>5C</u>	<u>1G</u>
Lewis	Electricians - Motor Shop	Craftsman	\$15.37		<u>1</u>
Lewis	Electricians - Motor Shop	Journey Level	\$14.69		<u>1</u>
Lewis	Electricians - Powerline Construction	Cable Splicer	\$73.93	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$67.60	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Groundperson	\$45.49	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$67.60	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$67.60	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$57.02	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Pole Sprayer	\$67.60	<u>5A</u>	<u>4D</u>
Lewis	Electricians - Powerline Construction	Powderperson	\$50.76	<u>5A</u>	<u>4D</u>
Lewis	Electronic Technicians	Journey Level	\$28.46		<u>1</u>
Lewis	Elevator Constructors	Mechanic	\$90.39	<u>7D</u>	<u>4A</u>
Lewis	Elevator Constructors	Mechanic In Charge	\$100.22	<u>7D</u>	<u>4A</u>
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		<u>1</u>
Lewis	Fence Erectors	Fence Erector	\$13.80		<u>1</u>
Lewis	Fence Erectors	Fence Laborer	\$11.60		<u>1</u>
Lewis	Flaggers	Journey Level	\$39.48	<u>7A</u>	<u>3I</u>
Lewis	Glaziers	Journey Level	\$23.50		<u>1</u>
Lewis	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$67.93	<u>5J</u>	<u>4H</u>
Lewis	Heating Equipment Mechanics	Journey Level	\$78.17	<u>7F</u>	<u>1E</u>
Lewis	Hod Carriers & Mason Tenders	Journey Level	\$48.02	<u>7A</u>	<u>3I</u>

Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$11.00		<u>1</u>
Lewis	Inland Boatmen	Boat Operator	\$59.86	<u>5B</u>	<u>1K</u>
Lewis	Inland Boatmen	Cook	\$56.18	<u>5B</u>	<u>1K</u>
Lewis	Inland Boatmen	Deckhand	\$56.18	<u>5B</u>	<u>1K</u>
Lewis	Inland Boatmen	Deckhand Engineer	\$57.26	<u>5B</u>	<u>1K</u>
Lewis	Inland Boatmen	Launch Operator	\$58.59	<u>5B</u>	<u>1K</u>
Lewis	Inland Boatmen	Mate	\$58.59	<u>5B</u>	<u>1K</u>
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$11.00		<u>1</u>
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$11.48		<u>1</u>
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$12.78		<u>1</u>
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$11.00		<u>1</u>
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$11.00		<u>1</u>
Lewis	Insulation Applicators	Journey Level	\$57.18	<u>5D</u>	<u>4C</u>
Lewis	Ironworkers	Journeyman	\$66.68	<u>7N</u>	<u>10</u>
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Airtrac Drill Operator	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Ballast Regular Machine	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Batch Weighman	\$39.48	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Brick Pavers	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Brush Cutter	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Brush Hog Feeder	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Burner	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Caisson Worker	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Carpenter Tender	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Caulker	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Cement Dumper-paving	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Cement Finisher Tender	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Change House Or Dry Shack	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Chipping Gun (under 30 Lbs.)	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Chipping Gun(30 Lbs. And Over)	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Choker Setter	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Chuck Tender	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Clary Power Spreader	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Clean-up Laborer	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Concrete Dumper/chute Operator	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Concrete Form Stripper	\$46.57	<u>7A</u>	<u>3I</u>

Lewis	Laborers	Concrete Placement Crew	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Concrete Saw Operator/core Driller	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Crusher Feeder	\$39.48	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Curing Laborer	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Demolition: Wrecking & Moving (incl. Charred Material)	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Ditch Digger	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Diver	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Drill Operator (hydraulic, diamond)	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Dry Stack Walls	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Dump Person	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Epoxy Technician	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Erosion Control Worker	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Faller & Bucker Chain Saw	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Fine Graders	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Firewatch	\$39.48	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Form Setter	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Gabian Basket Builders	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	General Laborer	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Grade Checker & Transit Person	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Grinders	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Grout Machine Tender	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Groutmen (pressure)including Post Tension Beams	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Guardrail Erector	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Hazardous Waste Worker (level A)	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Hazardous Waste Worker (level B)	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Hazardous Waste Worker (level C)	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	High Scaler	\$48.02	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Jackhammer	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Laserbeam Operator	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Maintenance Person	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Manhole Builder-mudman	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Material Yard Person	\$46.57	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Motorman-dinky Locomotive	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Nozzleman (concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Bla	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Pavement Breaker	\$47.44	<u>7A</u>	<u>3I</u>
Lewis	Laborers	Pilot Car	\$39.48	<u>7A</u>	<u>3I</u>

Lewis	Laborers	Pipe Layer Lead	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Layer/tailor	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Pot Tender	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Reliner	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Wrapper	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pot Tender	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Powderman	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Powderman's Helper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Power Jacks	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Railroad Spike Puller - Power	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Raker - Asphalt	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Re-timberman	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Remote Equipment Operator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rigger/signal Person	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rip Rap Person	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rivet Buster	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rodder	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Scaffold Erector	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Scale Person	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Sloper (over 20")	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Sloper Sprayer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Spreader (concrete)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Stake Hopper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Stock Piler	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tamper (multiple & Self-propelled)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Timber Person - Sewer (lagger, Shorer & Cribber)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Toolroom Person (at Jobsite)	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Topper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Track Laborer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Track Liner (power)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Traffic Control Laborer	\$42.22	<u>7A</u>	<u>3I</u>	<u>8R</u>
Lewis	Laborers	Traffic Control Supervisor	\$42.22	<u>7A</u>	<u>3I</u>	<u>8R</u>
Lewis	Laborers	Truck Spotter	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tugger Operator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$92.60	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$97.63	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$101.31	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$107.01	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$109.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>

Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$114.23	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$116.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$118.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$120.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$48.12	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Miner	\$48.12	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Vibrator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Vinyl Seamer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Watchman	\$35.88	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Welder	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Well Point Laborer	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Window Washer/cleaner	\$35.88	<u>7A</u>	<u>3I</u>	
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers - Underground Sewer & Water	Pipe Layer	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Landscape Construction	Irrigation Or Lawn Sprinkler Installers	\$11.42		<u>1</u>	
Lewis	Landscape Construction	Landscape Equipment Operators Or Truck Drivers	\$11.00		<u>1</u>	
Lewis	Landscape Construction	Landscaping Or Planting Laborers	\$11.00		<u>1</u>	
Lewis	Lathers	Journey Level	\$56.78	<u>5D</u>	<u>1H</u>	
Lewis	Marble Setters	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Metal Fabrication (In Shop)	Fitter	\$15.16		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Laborer	\$11.13		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Machine Operator	\$11.00		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Painter	\$11.41		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Welder	\$15.16		<u>1</u>	
Lewis	Millwright	Journey Level	\$58.68	<u>5D</u>	<u>4C</u>	
Lewis	Modular Buildings	Cabinet Assembly	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Electrician	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Equipment Maintenance	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Plumber	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Production Worker	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Tool Maintenance	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Utility Person	\$11.00		<u>1</u>	
Lewis	Modular Buildings	Welder	\$11.00		<u>1</u>	
Lewis	Painters	Journey Level	\$41.60	<u>6Z</u>	<u>2B</u>	
Lewis	Pile Driver	Crew Tender	\$52.37	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$71.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01	\$76.35	<u>5D</u>	<u>4C</u>	

		- 44.00 PSI				
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$80.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$85.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$87.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$92.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$94.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$96.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$98.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Journey Level	\$57.43	<u>5D</u>	<u>4C</u>	
Lewis	Plasterers	Journey Level	\$54.89	<u>7Q</u>	<u>1R</u>	
Lewis	Playground & Park Equipment Installers	Journey Level	\$11.00		<u>1</u>	
Lewis	Plumbers & Pipefitters	Journey Level	\$67.47	<u>5A</u>	<u>1G</u>	
Lewis	Power Equipment Operators	Asphalt Plant Operator	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Assistant Engineers	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Barrier Machine (zipper)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Batch Plant Operator: Concrete	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Bobcat	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Brooms	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Bump Cutter	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cableways	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Chipper	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Compressor	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Finish Machine - laser Screed	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Conveyors	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Lewis	Power Equipment Operators	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: 20 Tons Through 44 Tons With Attachments	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Crusher	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Derricks, On Building Work	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Dozers D-9 & Under	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Drilling Machine	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Gradechecker/stakeman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Guardrail punch/Auger	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Horizontal/directional Drill	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

		Locator				
Lewis	Power Equipment Operators	Horizontal/directional Drill Operator	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Hydralifts/boom Trucks, 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Loaders, Plant Feed	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Loaders: Elevating Type Belt	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Locomotives, All	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Material Transfer Device	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Motor patrol graders	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Pavement Breaker	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Posthole Digger, Mechanical	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Power Plant	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Pumps - Water	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Rigger And Bellman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Rigger/Signal Person, Bellman (Certified)	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Lewis	Power Equipment Operators	Rollagon	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Roller, Other Than Plant Mix	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Roto-mill, Roto-grinder	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Saws - Concrete	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Scrapers - Concrete & Carry All	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Service Engineers - Equipment	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shotcrete/gunite Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Slipform Pavers	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Spreader, Toppersid & Screedman	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Subgrader Trimmer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Tower Bucket Elevators	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Tower crane over 175' through 250' in height, base to boom	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Tower Crane Up: To 175' In Height, Base To Boom	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Transporters, All Track Or Truck Type	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Trenching Machines	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Truck Crane Oiler/driver Under 100 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Truck Mount Portable Conveyor	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Welder	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Wheel Tractors, Farmall Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Yo Yo Pay Dozer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

Lewis	Power Equipment Operators-Underground Sewer & Water	Assistant Engineers	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Barrier Machine (zipper)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Batch Plant Operator: Concrete	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Bobcat	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Brooms	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Bump Cutter	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cableways	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Chipper	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Compressor	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Finish Machine - laser Screed	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Conveyors	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-	Cranes: Friction 200 tons and	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Underground Sewer & Water	over. Tower Cranes: over 250' in height from base to boom.				
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Crusher	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Derricks, On Building Work	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Drilling Machine	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Gradechecker/stakeman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Guardrail punch/Auger	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Locator	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Operator	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-	Loaders, Overhead Under 6	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>

	<u>Underground Sewer & Water</u>	Yards				
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders, Plant Feed	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders: Elevating Type Belt	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Locomotives, All	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Material Transfer Device	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Motor patrol graders	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, Bridge Type: 100 Tons And Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pavement Breaker	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pile Driver (other Than Crane Mount)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Plant Oiler - Asphalt, Crusher	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Posthole Digger, Mechanical	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Power Plant	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pumps - Water	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Quad 9, HD 41, D10 And Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rigger And Bellman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rigger/Signal Person, Bellman (Certified)	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	<u>Power Equipment Operators-</u>	Rollagon	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

	Underground Sewer & Water					
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	\$56.90	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	\$59.96	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$59.96	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$60.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Service Engineers - Equipment	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shotcrete/gunite Equipment	\$56.90	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$60.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$59.96	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$61.10	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$61.72	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	\$60.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	\$60.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$59.96	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower crane over 175' through 250' in height, base to boom	\$61.72	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Crane: Up To 175' In Height, Base To Boom	\$61.10	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	\$60.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$59.49	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	\$59.96	7A	3C	8P
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$59.49	7A	3C	8P

Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Welder	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$48.54	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Spray Person	\$46.03	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$48.54	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer	\$43.32	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$32.68	<u>5A</u>	<u>4A</u>	
Lewis	Refrigeration & Air Conditioning Mechanics	Journey Level	\$23.96		<u>1</u>	
Lewis	Residential Brick Mason	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Carpenters	Journey Level	\$21.90		<u>1</u>	
Lewis	Residential Cement Masons	Journey Level	\$13.00		<u>1</u>	
Lewis	Residential Drywall Applicators	Journey Level	\$31.73		<u>1</u>	
Lewis	Residential Drywall Tapers	Journey Level	\$18.95		<u>1</u>	
Lewis	Residential Electricians	Journey Level	\$31.28	<u>5A</u>	<u>1B</u>	
Lewis	Residential Glaziers	Journey Level	\$19.66		<u>1</u>	
Lewis	Residential Insulation Applicators	Journey Level	\$15.00		<u>1</u>	
Lewis	Residential Laborers	Journey Level	\$20.32		<u>1</u>	
Lewis	Residential Marble Setters	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Painters	Journey Level	\$16.50		<u>1</u>	
Lewis	Residential Plumbers & Pipefitters	Journey Level	\$20.40		<u>1</u>	
Lewis	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$24.88		<u>1</u>	
Lewis	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$29.28		<u>1</u>	
Lewis	Residential Soft Floor Layers	Journey Level	\$11.00		<u>1</u>	
Lewis	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$15.70		<u>1</u>	
Lewis	Residential Stone Masons	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Terrazzo Workers	Journey Level	\$11.00		<u>1</u>	
Lewis	Residential Terrazzo/Tile Finishers	Journey Level	\$11.00		<u>1</u>	
Lewis	Residential Tile Setters	Journey Level	\$11.00		<u>1</u>	
Lewis	Roofers	Journey Level	\$49.27	<u>5A</u>	<u>3H</u>	
Lewis	Roofers	Using Irritable Bituminous Materials	\$52.27	<u>5A</u>	<u>3H</u>	
Lewis	Sheet Metal Workers	Journey Level (Field or Shop)	\$78.17	<u>7F</u>	<u>1E</u>	

Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		1	
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Soft Floor Layers	Journey Level	\$22.87		1	
Lewis	Solar Controls For Windows	Journey Level	\$11.00		1	
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$56.81	<u>7J</u>	<u>1R</u>	
Lewis	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.23		1	
Lewis	Stone Masons	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		1	
Lewis	Surveyors	All Classifications	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Surveyors	Construction Site Surveyor	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Telecommunication Technicians	Journey Level	\$31.72		1	
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$38.84	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$21.45	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Installer (Repairer)	\$37.21	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Special Aparatus Installer I	\$38.84	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Special Apparatus Installer II	\$38.03	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$38.84	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$36.09	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$36.09	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Groundperson	\$20.33	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Lineperson/Installer	\$27.21	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television System Technician	\$32.55	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Technician	\$29.18	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Tree Trimmer	\$36.09	<u>5A</u>	<u>2B</u>	
Lewis	Terrazzo Workers	Journey Level	\$51.36	<u>5A</u>	<u>1M</u>	
Lewis	Tile Setters	Journey Level	\$21.65		1	
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$42.19	<u>5A</u>	<u>1B</u>	
Lewis	Traffic Control Stripers	Journey Level	\$44.93	<u>7A</u>	<u>1K</u>	
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards (W. WA-Joint Council 28)	\$52.70	<u>5D</u>	<u>3A</u>	<u>8L</u>
Lewis	Truck Drivers	Asphalt Mix To 16 Yards (W. WA-Joint Council 28)	\$51.86	<u>5D</u>	<u>3A</u>	<u>8L</u>

Lewis	Truck Drivers	Dump Truck	\$21.08		1	
Lewis	Truck Drivers	Dump Truck And Trailer	\$21.08		1	
Lewis	Truck Drivers	Other Trucks	\$32.52		1	
Lewis	Truck Drivers	Transit Mixer	\$29.67	6l	2H	
Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		1	
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$11.00		1	
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		1	

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

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

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

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

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

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

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

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

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

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

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

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

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

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

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

See RCW [39.12.010](#)

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

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

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

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

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

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

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

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

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

WAC 296-127-018 Agency filings affecting this section

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

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

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

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

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

(ii) At multiple points at the project; or

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

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

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

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

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

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

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

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

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

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

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

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

Benefit Code Key – Effective 8/31/2017 thru 3/2/2018

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

- I. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
 - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
 - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
 - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
 - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
 - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
 - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
 - C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Overtime Codes Continued

3.
 - D. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am on Saturdays, shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
 - F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
 - I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
 - B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
 - C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

Overtime Codes Continued

4. D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

- E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- 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.

Holiday Codes

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

Holiday Codes Continued

- 5. D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- 6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and a Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).

Holiday Codes Continued

6. H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. 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

- T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Note Codes

8. 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.

Note Codes Continued

8. U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.

V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.

APPENDIX C

BID PROPOSAL DOCUMENTS

INCLUDING:

Notice to Contractor

Proposal Form

Non-Collusion Declaration

Proposal Signature Page



Lewis County Department of Public Works

Erik P. Martin, PE, Director

Tim 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, December 5, 2017**, at the Lewis County Courthouse in Chehalis, Washington for the Lewis County Guardrail Replacement Project, County Project No. 63E-575320 & 63E-700780.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, December 5, 2017

(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 LEWIS COUNTY GUARDRAIL REPLACEMENT PROJECT, COUNTY PROJECT NO. 63E-575320 & 63E-700780, TO BE OPENED ON OR AFTER 11:00 A.M. ON TUESDAY, DECEMBER 5, 2017."**

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 or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you.

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 insure 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 Lewis County Guardrail Replacement Project, County Project No. 63E-575320 & 63E-700780, 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	0.02 Acre	Clearing and Grubbing	\$	\$
3	1 L.S.	Removal of Structures and Obstructions	LUMP SUM	\$
4	70 L.F.	Schedule A Culv. Pipe 18 In. Diam.	\$	\$
5	111 Ton	Crushed Surfacing Base Course	\$	\$
6	2 Each	Beam Guardrail Non-Flared Terminal	\$	\$
7	575 L.F.	Beam Guardrail Type 1 - 9 Ft. Long Post	\$	\$
8	50 L.F.	Beam Guardrail Type 1 - 8 Ft. Long Post	\$	\$
9	37.50 L.F.	Beam Guardrail Type 1	\$	\$
10	1 Each	Beam Guardrail Transition Section Type 10	\$	\$
11	1 Each	Beam Guardrail Anchor Type 4	\$	\$
12	1 L.S.	Other Temporary Traffic Control	LUMP SUM	\$
13	12.50 L.F.	New Thrie Beam Section	\$	\$
14	1 L.S.	Trimming and Cleanup	LUMP SUM	\$
15	0 Est.	Reimbursement for Third Party Damage	ESTIMATED	\$0.00
16	1 Calc.	Minor Change	CALCULATED	\$ 25,000.00
17	1 L.S.	SPCC Plan	LUMP SUM	\$
			TOTAL BID	\$

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, participation in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and have agreed to the provisions of this declaration.**

NOTICE TO ALL BIDDERS

To report bid rigging activities

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, bid 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.

DOT Form 272-036H
Revised 10/94

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 _____, 2017, 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 construct transportation safety by installing guardrail at various locations in Lewis County as shown in the Contract Plans, building guardrail landings by placing crushed surfacing base course, installing thrie beam, culvert installation, traffic control 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: _____, 2017

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

Bond No. _____

LEWIS COUNTY, WASHINGTON

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 Oblige, 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. **County Project No. 63E-575320 & 63E-700780** 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 **Lewis County Guardrail Replacement 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. **County Project No. 63E-575320 & 63E-700780**, between the below-named Contractor and County for the **Lewis County Guardrail Replacement 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/.
- (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.

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

TRAFFIC CONTROL

STANDARD PLANS

CONTRACT PLANS

Table 6H-2. Meaning of Symbols on Typical Application Diagrams
























	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-4E. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
 W = width of offset in feet
 S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Notes for Figure 6H-10—Typical Application 10
Lane Closure on a Two-Lane Road Using Flaggers

Option:

1. For low-volume situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).
2. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPARED TO STOP sign may be added to the sign series.

Guidance:

4. *The buffer space should be extended so that the two-way traffic taper is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.*

Standard:

5. At night, flagger stations shall be illuminated, except in emergencies.

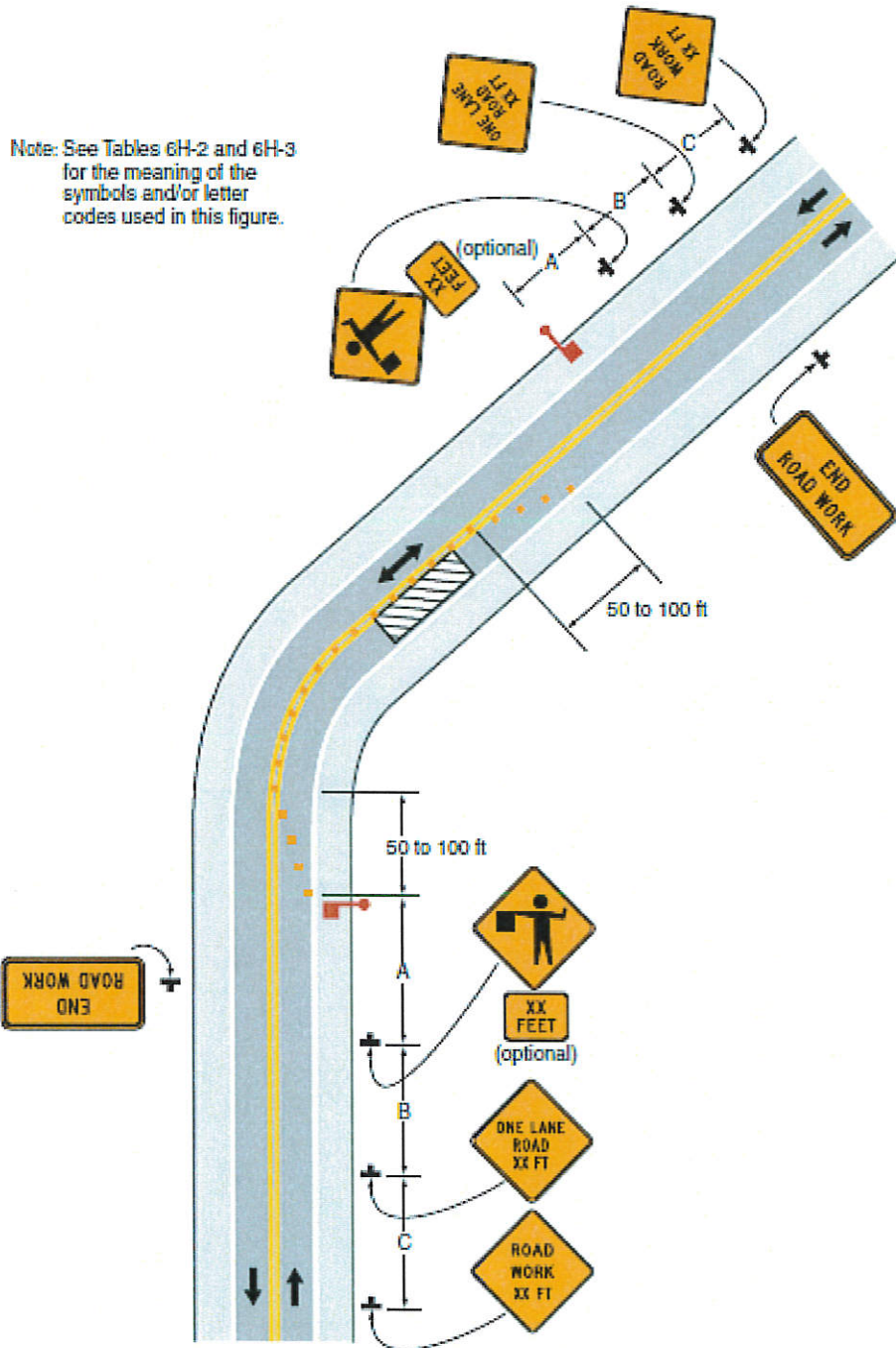
Guidance:

6. *When used, the BE PREPARED TO STOP sign should be located between the Flagger sign and the ONE LANE ROAD sign.*
7. *When a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing, the TTC zone should be extended so that the transition area precedes the grade crossing.*
8. *When a grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.*
9. *When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal center line should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal center line.*
10. *Early coordination with the railroad company or light rail transit agency should occur before work starts.*

Option:

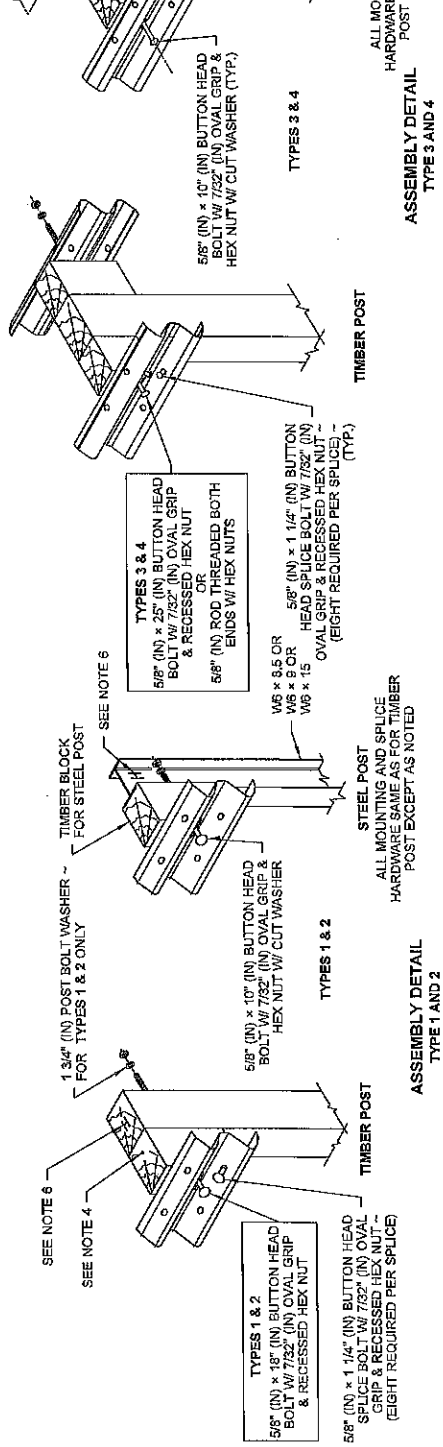
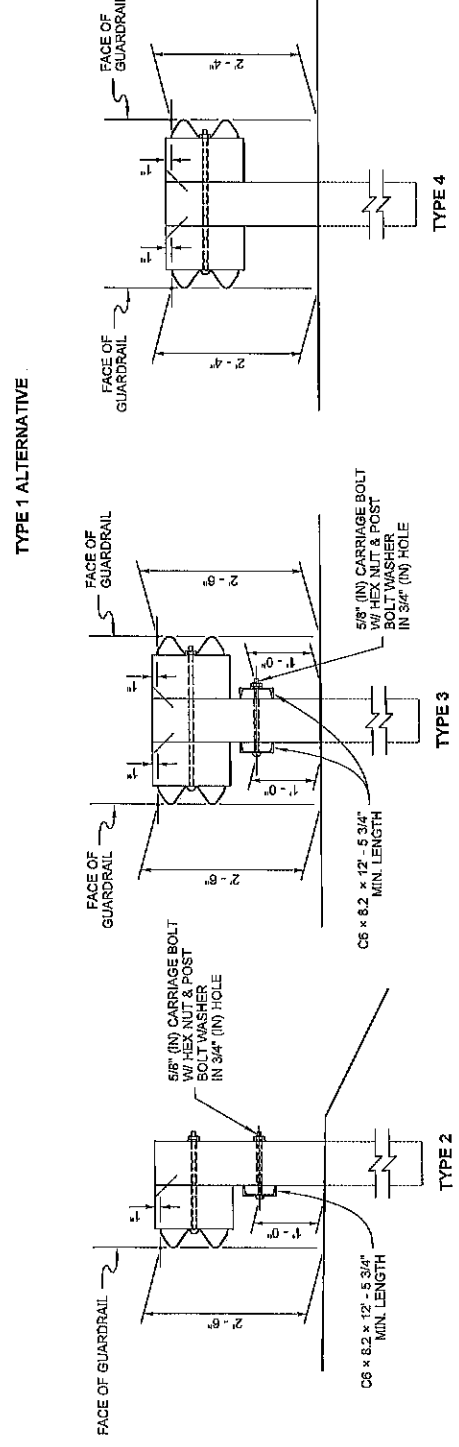
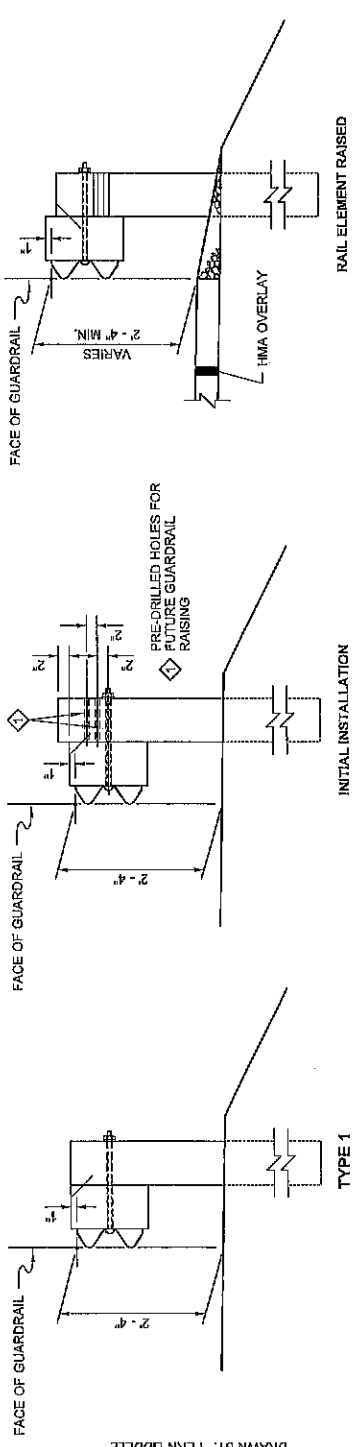
11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 feet of the grade crossing, measured from both sides of the outside rails.

Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)



Typical Application 10

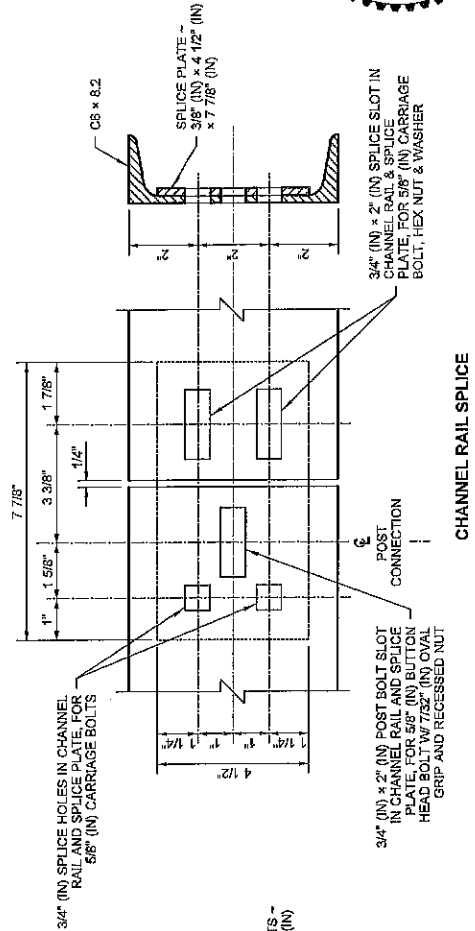
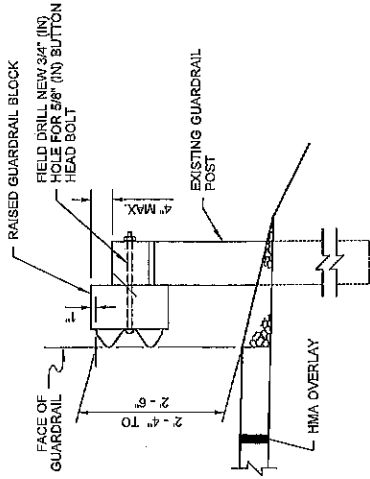
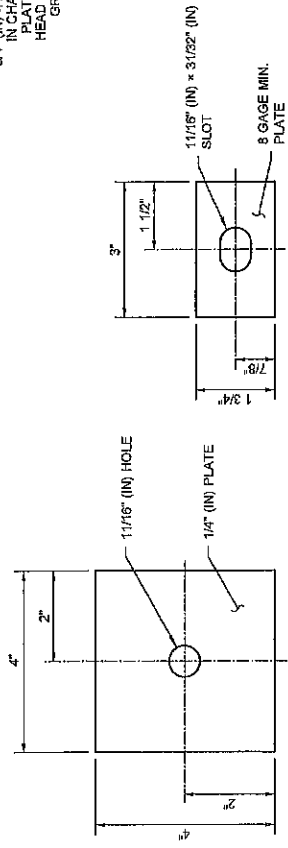
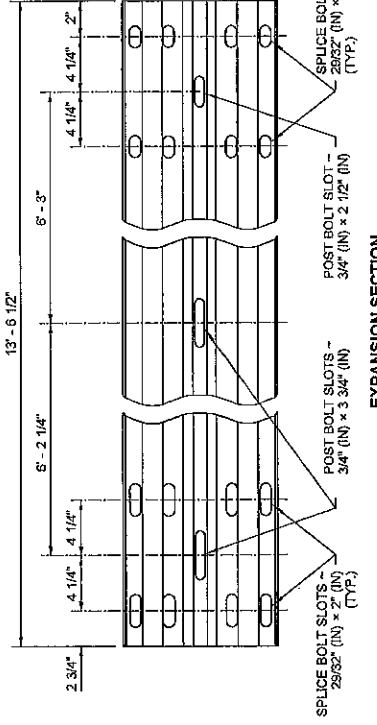
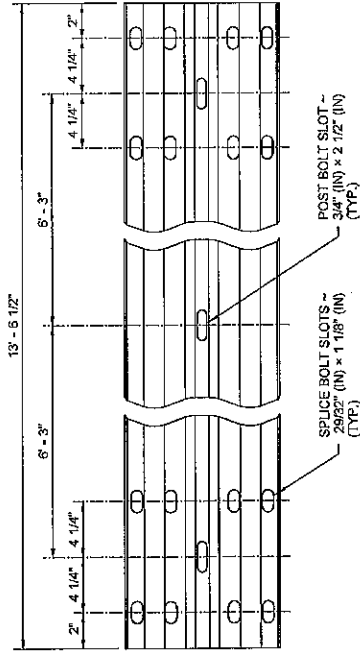
- NOTES**
- When required by the Contract, a Snow Load Post Washer shall be used on the backside of the post (in lieu of the 1 3/4" (in) Post Bolt Washer) and a Snow Load Rail Washer shall be placed on the face side of Beam Guardrail Types 1 and 2. Snow Load Rail Washers shall not be installed on terminals.
 - Rail Washers, also called "Snow Load Rail Washers", are not required on new installation, except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 8 of a BCT installation shall be removed.
 - Beam Guardrail post spacing for Types 1 through 4 shall be 6' - 3" on centers.
 - Timber blocks shall be toe-nailed to the post with a 16d galvanized nail to prevent block rotation.
 - For post and block details, see **Standard Plan C-1b**.
 - When "Beam Guardrail Type - ____ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" (in) min. high and 3/4" (in) wide at the location where the letter "H" is shown in the **ASSEMBLY DETAIL**. For wood post applications, the letter shall be stamped to a minimum depth of 1/4" (in). For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure the stamped numbers remain visible.
 - Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.
 - Holes shall be located on approaching traffic side of web.



Jeffrey Peterson, LEED (HQ Design)
Jan 30 2016 7:19 AM
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON
No. 14710
Capehart, Jeff
Jul 13 2016 11:52 AM
STATISTICAL ENGINEER
Washington State Department of Transportation

BEAM GUARDRAIL TYPES 1 - 4 (W-BEAM) STANDARD PLAN C-1
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION
Capehart, Jeff
Jul 13 2016 11:52 AM
STATISTICAL ENGINEER
Washington State Department of Transportation



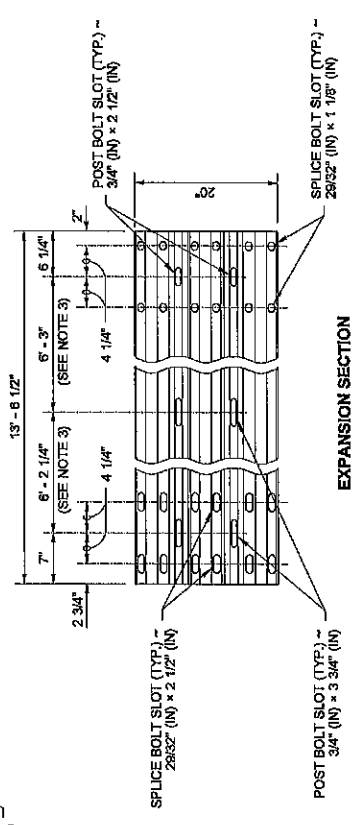
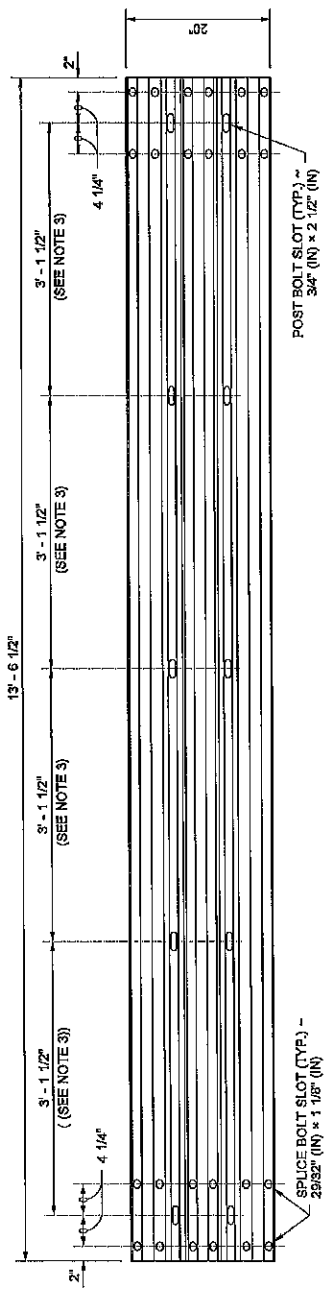
Approved: *Jeff Peterson*
 JEFFREY P. PETERSON
 PROFESSIONAL ENGINEER
 LICENSE NO. 44700
 EXPIRES 12/31/2024

BEAM GUARDRAIL TYPES 1 - 4 (W-BEAM) STANDARD PLAN C-1
 SHEET 2 OF 2 SHEETS

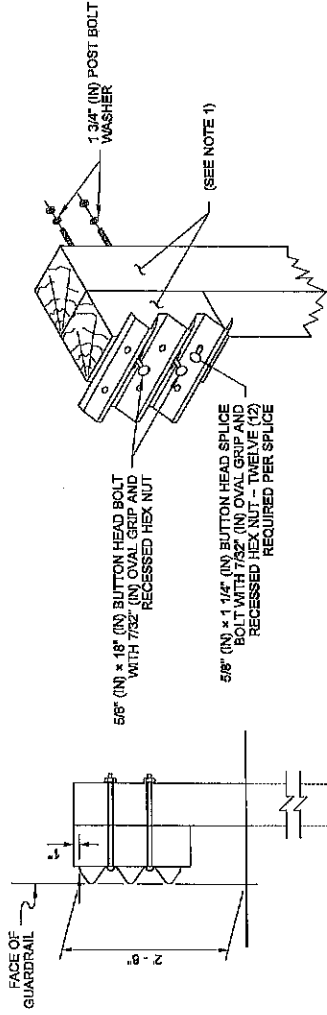
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 Washington State Department of Transportation

NOTES

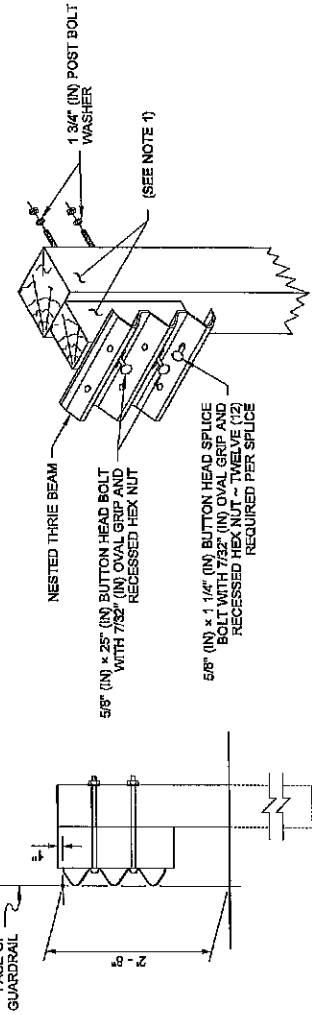
- Type 10 post shall be 6 x 8 timber, OR either W6 x 9, or W6 x 8.5 steel.
Type 11 post shall be 10 x 10 timber or W6 x 15.
For additional details see Standard Plan C-1b.
- Type 10 guardrail post spacing shall be 6' - 3" on center.
Type 11 shall be a maximum of 3' - 1 1/2" on center.
- Spacing may vary depending on application. See Standard Specification Section 9-16.3(1) for rail element requirements.



TYPICAL RAIL ELEMENT

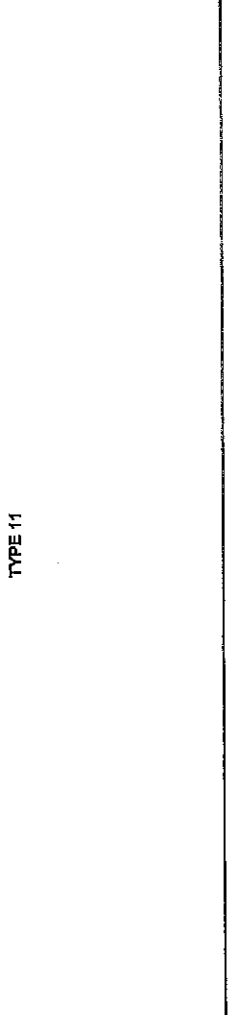


WOOD POST ASSEMBLY



TYPE 10

WOOD POST ASSEMBLY



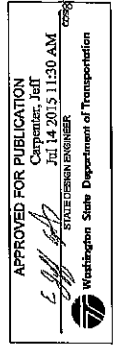
TYPE 11



Ed Barry, Ed
Professional Engineer
July 14 2015 7:07 AM
CS/SEA

BEAM GUARDRAIL (THRIE BEAM)
STANDARD PLAN C-1a

SHEET 1 OF 1 SHEET



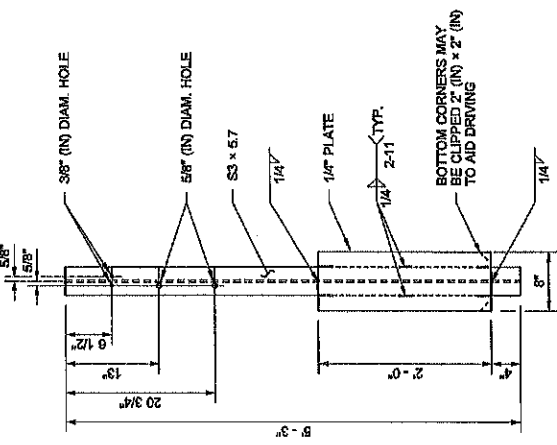
STEEL POST ASSEMBLY

TYPES 10 AND 11

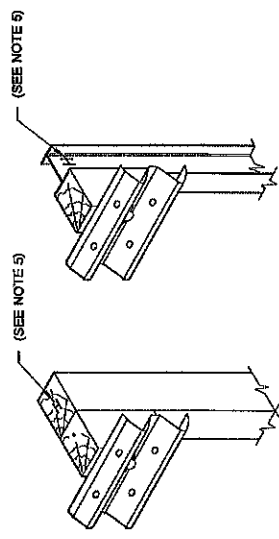
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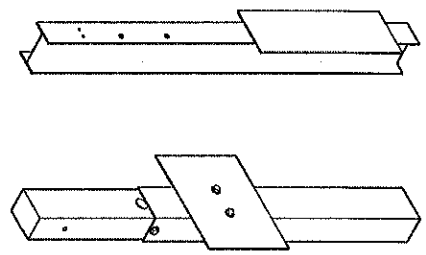
1. Wood posts for all guardrail placement plans shall be 6 x 8 except where noted otherwise.
2. Lower hole is for Rub Rail of Type 2 and Type 3 Beam Guardrail.
3. W6x8.5 or W6x9 steel posts and timber blocks are alternates for 6x8 timber posts and blocks. W6x15 steel posts and timber blocks are alternates for 10x10 timber posts and blocks.
4. Holes shall be located on approaching traffic side of web.
5. When "Beam Guardrail Type - Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" (in) min. high and 3/4" (in) wide at the location where the letter "H" is shown in the ASSEMBLY DETAIL. For wood post applications, the letter shall be stamped to a minimum depth of 1/4" (in). For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure the stamped numbers remain visible.
6. Soil plate may be welded to foundation tube. If so, holes in soil plate and foundation tube may be omitted.



FRONT VIEW SIDE VIEW
ANCHOR POST ASSEMBLY



TIMBER POST STEEL POST
PARTIAL ASSEMBLY DETAIL



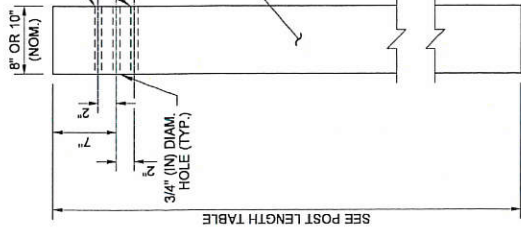
ANCHOR POST G-2 POST
ISOMETRIC



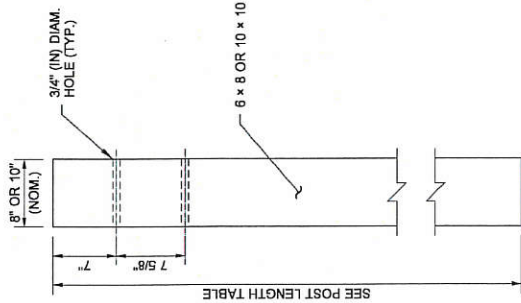
Ed Barry
EDWARD PATRICK BARRY, PE
No. 25823
Exp. 12/31/15
Jul 14 2015 7:12 AM
Cada

**BEAM GUARDRAIL
POSTS AND BLOCKS
STANDARD PLAN C-1b**
SHEET 1 OF 2 SHEETS

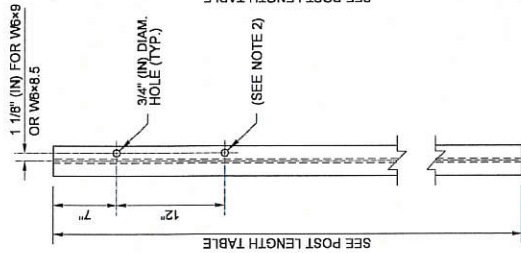
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Contractor: Jett
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STRUCTURAL ENGINEER
Washington State Department of Transportation



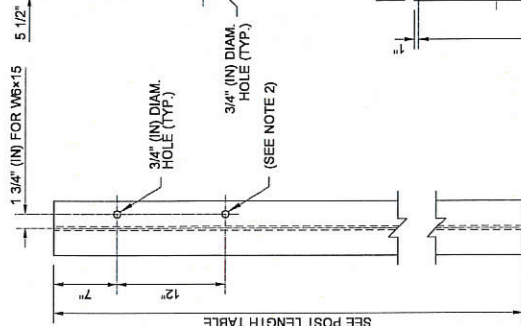
W-BEAM



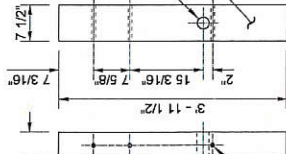
THRIE BEAM



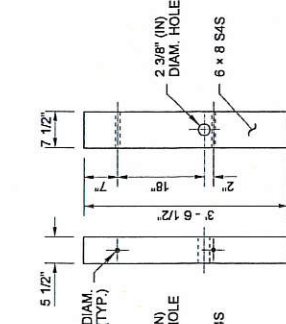
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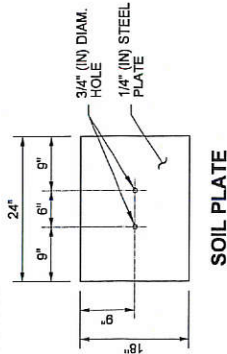
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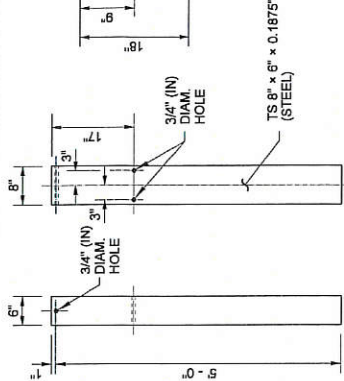
THRIE BEAM



W-BEAM



SOIL PLATE

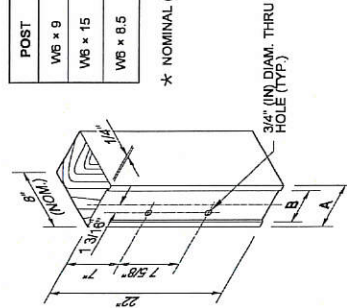


FOUNDATION TUBE

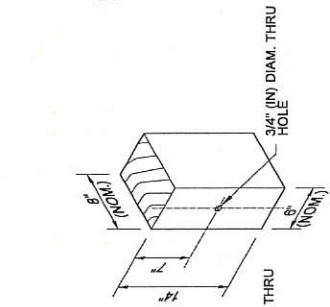
POST LENGTH TABLE	
GUARDRAIL TYPE	LENGTH
1 through 4 & 31	6' - 0"
10 or 11	6' - 6"

POST	A	B
WB x 9	6"-*	4 1/4"
WB x 15	8"-*	6 1/4"
WB x 6.5	8"-*	6 1/4"

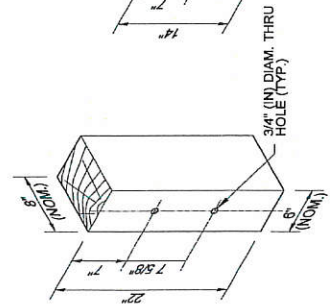
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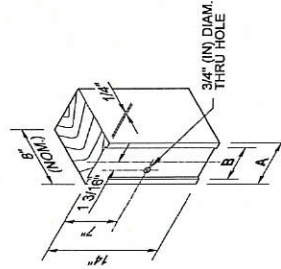
W-BEAM WOOD BLOCK FOR STEEL POST



THRIE BEAM WOOD BLOCK FOR STEEL POST



THRIE BEAM WOOD BLOCK FOR WOOD POST



W-BEAM WOOD BLOCK FOR STEEL POST



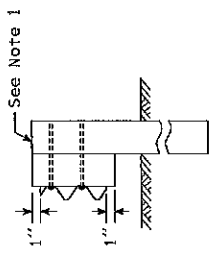
Barry, Ed
Jul 14 2015 7:12 AM
CUBER

BEAM GUARDRAIL POSTS AND BLOCKS
STANDARD PLAN C-1b

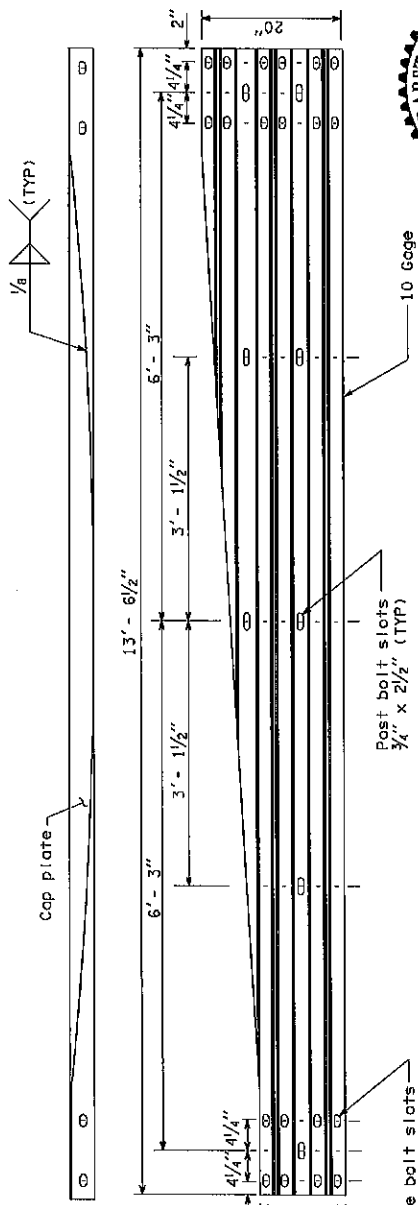
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION
Curtis
Jul 14 2015 11:29 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

NOTES
 1. For wood posts, saw top of post and block to 1" above thrie beam guardrail reducer section. For steel posts, drive post down to 1" maximum above the thrie beam guardrail reducer section.

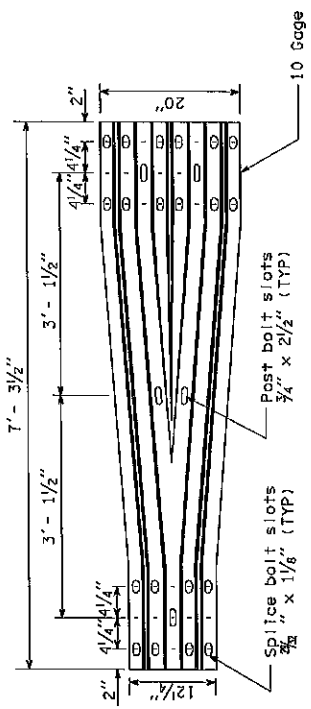


INTERMEDIATE GUARDRAIL
 POST CONNECTION DETAILS
 (Type A shown)

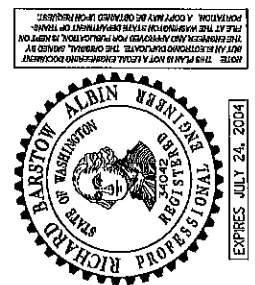


THRIE BEAM GUARDRAIL REDUCER SECTION
 TYPE A

(Left section shown, right section reversed)



THRIE BEAM GUARDRAIL REDUCER SECTION
 TYPE B



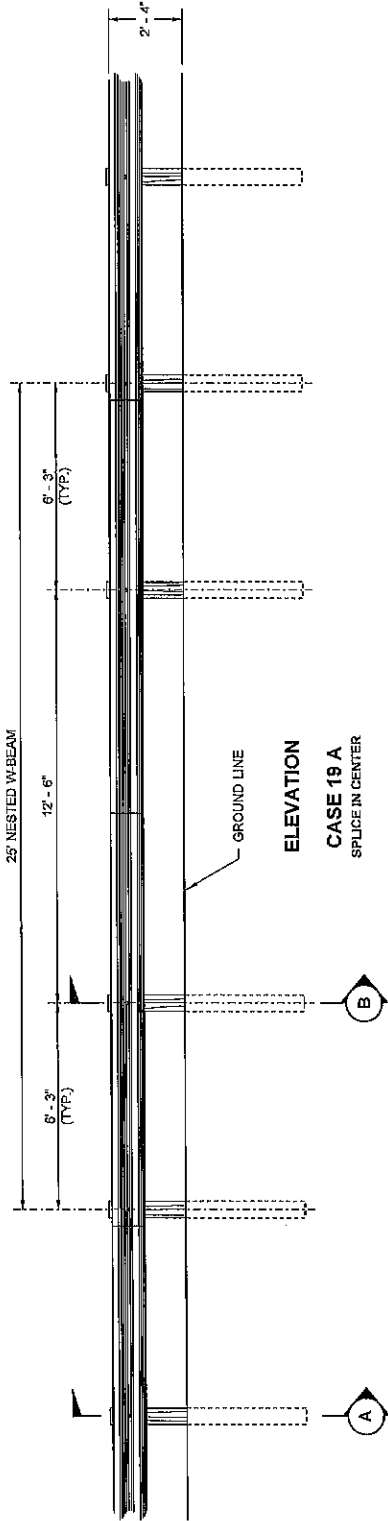
**THRIE BEAM GUARDRAIL
 REDUCER SECTION
 STANDARD PLAN C-1d**

SHEET 1 OF 1 SHEET
 APPROVED FOR PUBLICATION
Harold J. Peterfeso 10-31-03
 STATE DESIGN ENGINEER DATE
 Washington State Department of Transportation

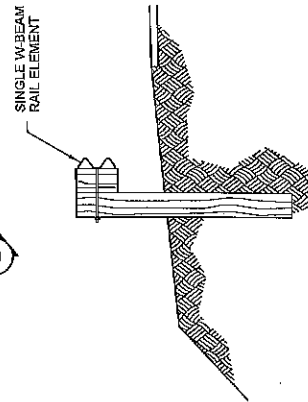
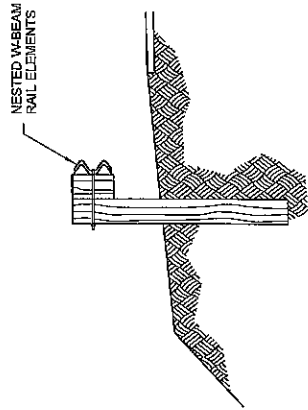
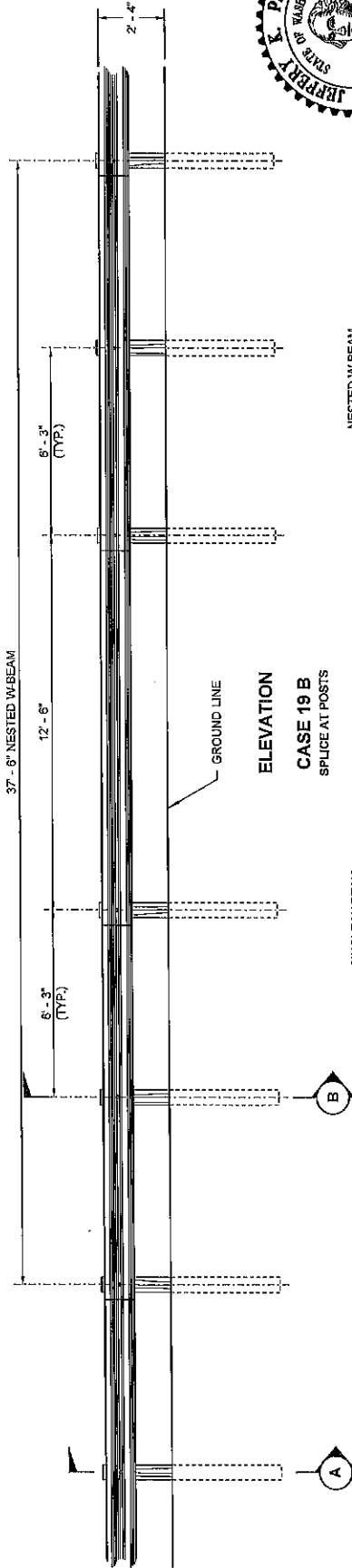
DATE	REVISION	BY	RC
08/20/03	ADDED 10 GAGE STEEL DESIGNATION	REV. NOTE 1	RC

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BEAM GUARDRAIL PAY LIMIT



BEAM GUARDRAIL PAY LIMIT



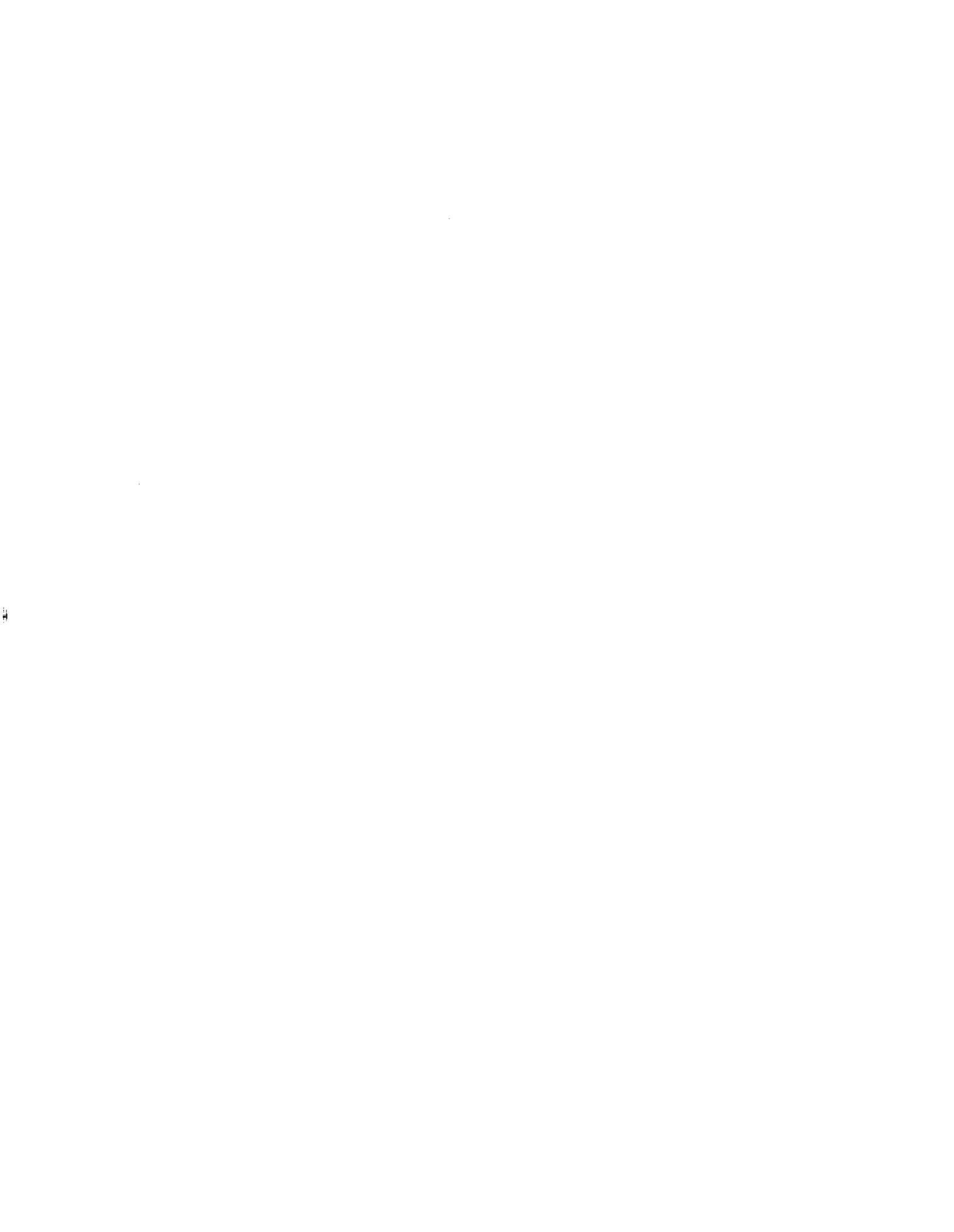
Jeff Peterson
 Professional Engineer
 License No. 15178
 State of Washington

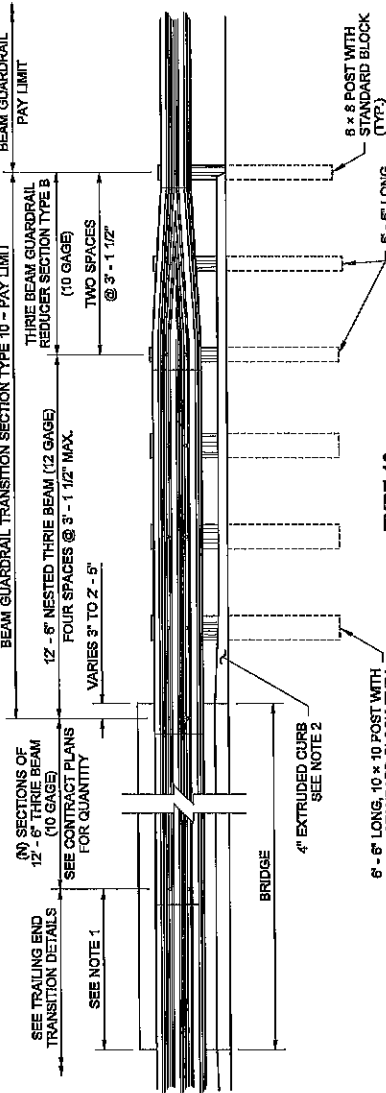
GUARDRAIL PLACEMENT
12'-6" SPAN

STANDARD PLAN C-2K

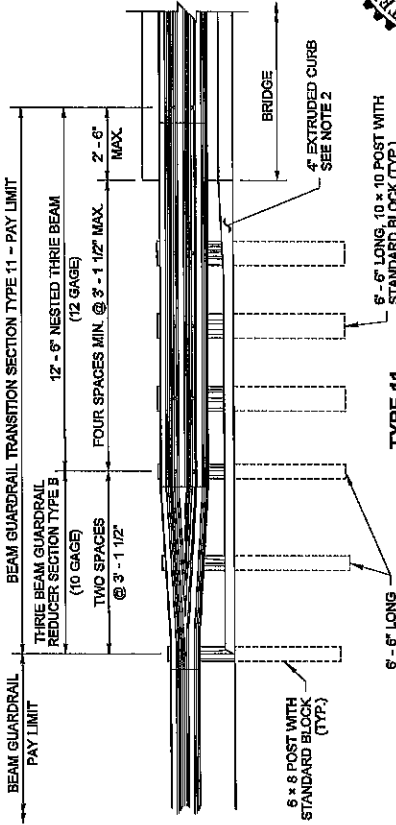
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
 Date: 12/20/16 11:53 AM
 Prepared by: *Carpedes, Jeff*
 STATE DESIGN ENGINEER
 Washington State Department of Transportation

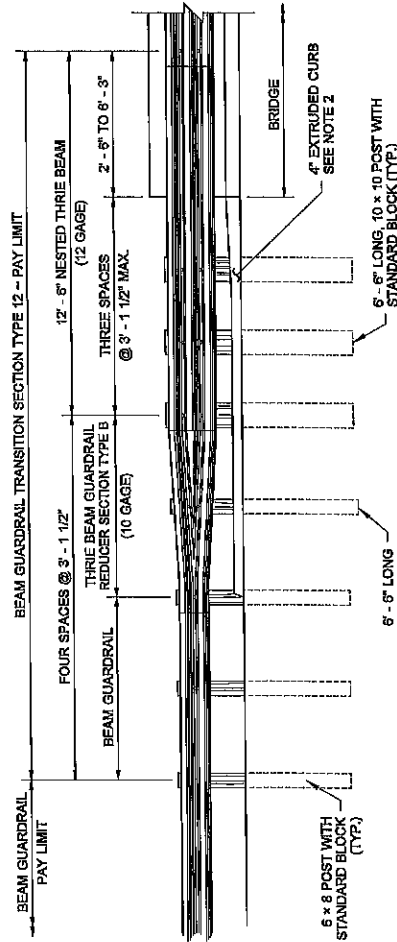




TYPE 10
APPROACH END
THRIE BEAM INSTALLED AT FACE OF BRIDGE CURBS



TYPE 11
TRAILING END
THRIE BEAM INSTALLED AT FACE OF BRIDGE CURB



TYPE 12
TRAILING END
THRIE BEAM INSTALLED AT FACE OF BRIDGE CURBS

NOTES

1. If the distance from the end of the bridge to the end of the thrie beam bridge rail section exceeds 6' - 3" using 12' - 6" thrie beam sections, add a 6' - 3" section of thrie beam bridge rail to reduce the length to less than 6' - 3".
2. When thrie beam is installed at the face of the bridge curb, install Extruded Curb at face of Guardrail. See Standard Plan F-10.40 for details. Match the height of existing bridge curb with a 20H : 1V transition.
3. When thrie beam is installed at the face of rigid bridge rail, an HMA ramp is required from the roadway surface to the top of the bridge curb or sidewalk. The slope of the ramp shall be 20H : 1V or flatter.



**BEAM GUARDRAIL
TRANSITION SECTIONS
STANDARD PLAN C-3b**

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

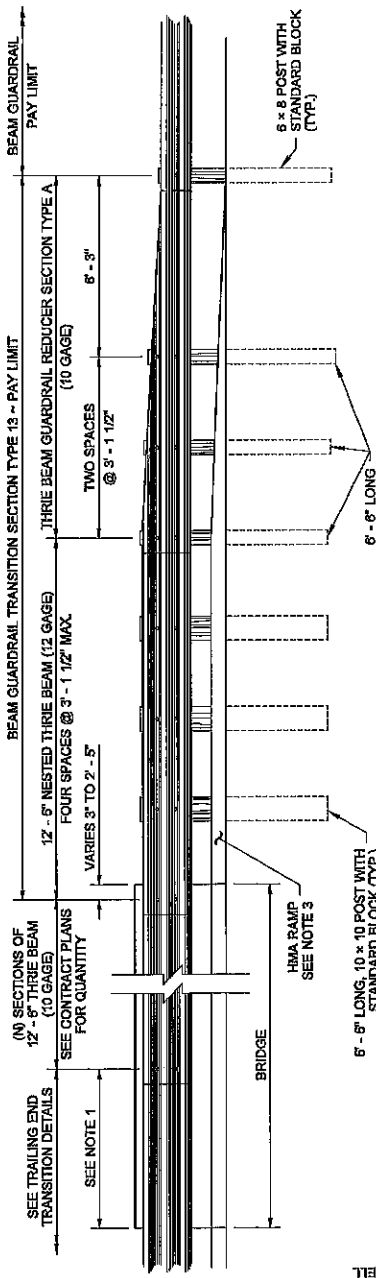
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STATE DESIGN ENGINEER

Pasco Bakofich III

Washington State Department of Transportation

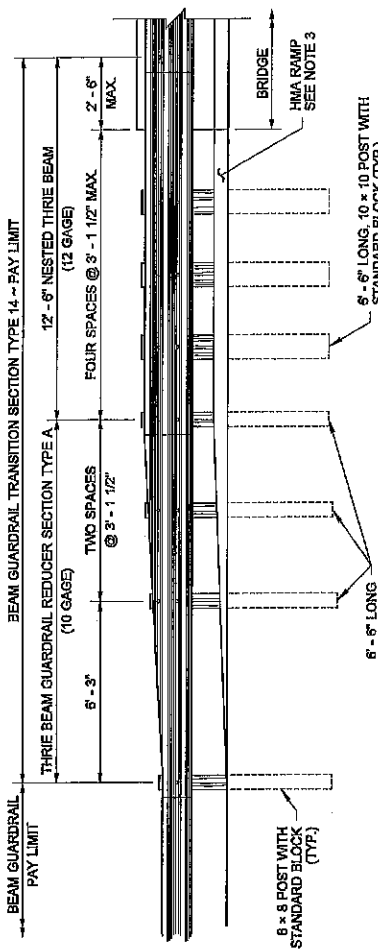




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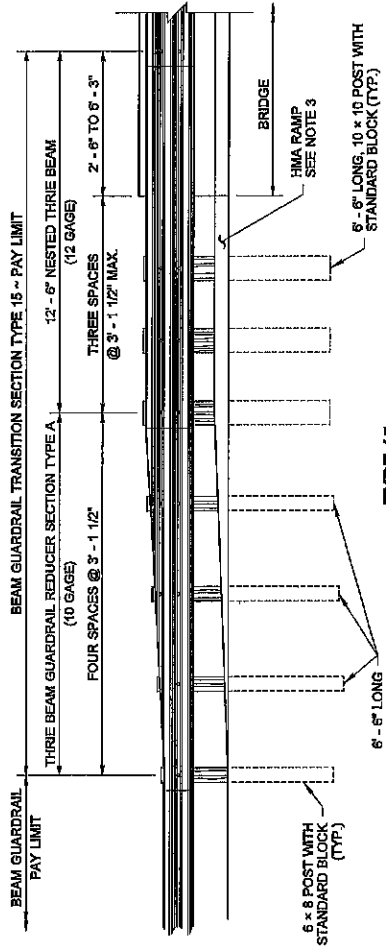
APPROACH END
THRIE BEAM INSTALLED AT FACE OF BRIDGE RAIL

DRAWN BY: FERN LIDDELL



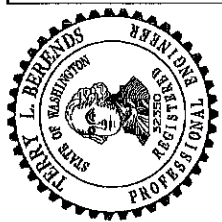
TYPE 14

TRAILING END
THRIE BEAM INSTALLED AT FACE OF BRIDGE RAIL



TYPE 15

TRAILING END
THRIE BEAM INSTALLED AT FACE OF BRIDGE RAIL



**BEAM GUARDRAIL
TRANSITION SECTIONS
STANDARD PLAN C-3b**

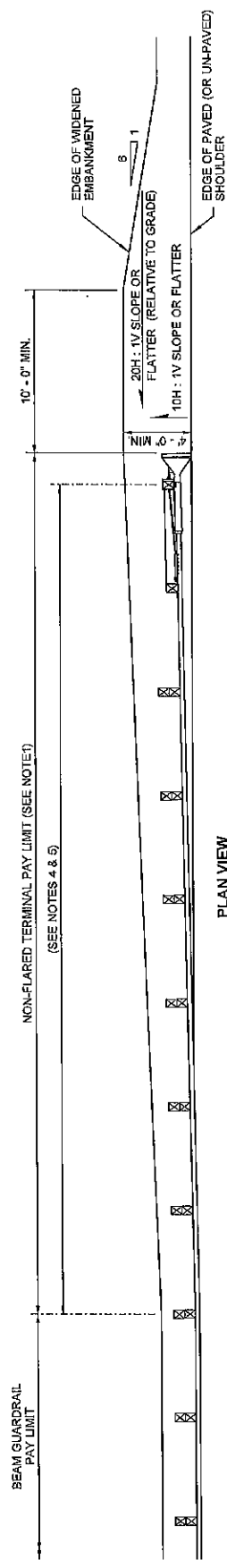
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION
Pasco Bakotich III DATE **06-27-11**
 STATE DESIGN ENGINEER
 Washington State Department of Transportation

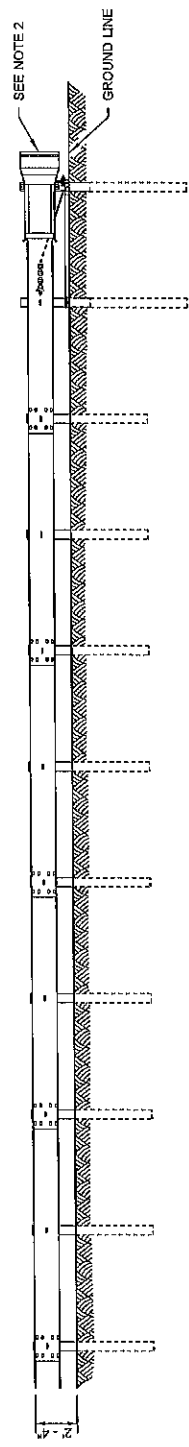
NOTES: 1. THIS PLAN IS NOT A FINAL ENGINEERING DOCUMENT.
 2. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROJECT AND HAS FOUND NO APPARENT DEFECTS.
 3. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROJECT AND HAS FOUND NO APPARENT DEFECTS.
 4. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROJECT AND HAS FOUND NO APPARENT DEFECTS.
 5. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROJECT AND HAS FOUND NO APPARENT DEFECTS.

NOTES

1. An SKT-350 as manufactured by Road Systems, Inc. shall be installed according to manufacturer's recommendations. When a TL2 terminal is specified in the Contract an SKT-TL2 as manufactured by Road Systems, Inc. shall be installed according to the manufacturer's recommendations.
2. A reflectorized object marker shall be installed according to manufacturer's recommendations.
3. When snow load post washers and snow load rail washers are required by the Contract, the snow load rail washers must not be installed within the terminal limits.
4. Terminal shall be installed at a taper, ensuring that end piece is entirely off the shoulder.
5. Length for SKT-350 is 50' (ft). Length for SKT-TL2 is 25' (ft).



PLAN VIEW



ELEVATION VIEW



Jeff Peterson
 Peterson, Jeff (PE Design)
 Jan 30 2016 7:01 AM
 00000

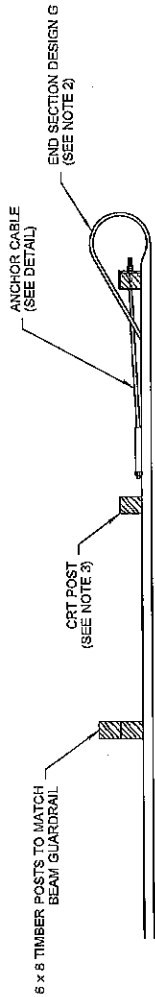
**BEAM GUARDRAIL
 NON-FLARED TERMINAL
 STANDARD PLAN C-4e**

SHEET 1 OF 1 SHEET

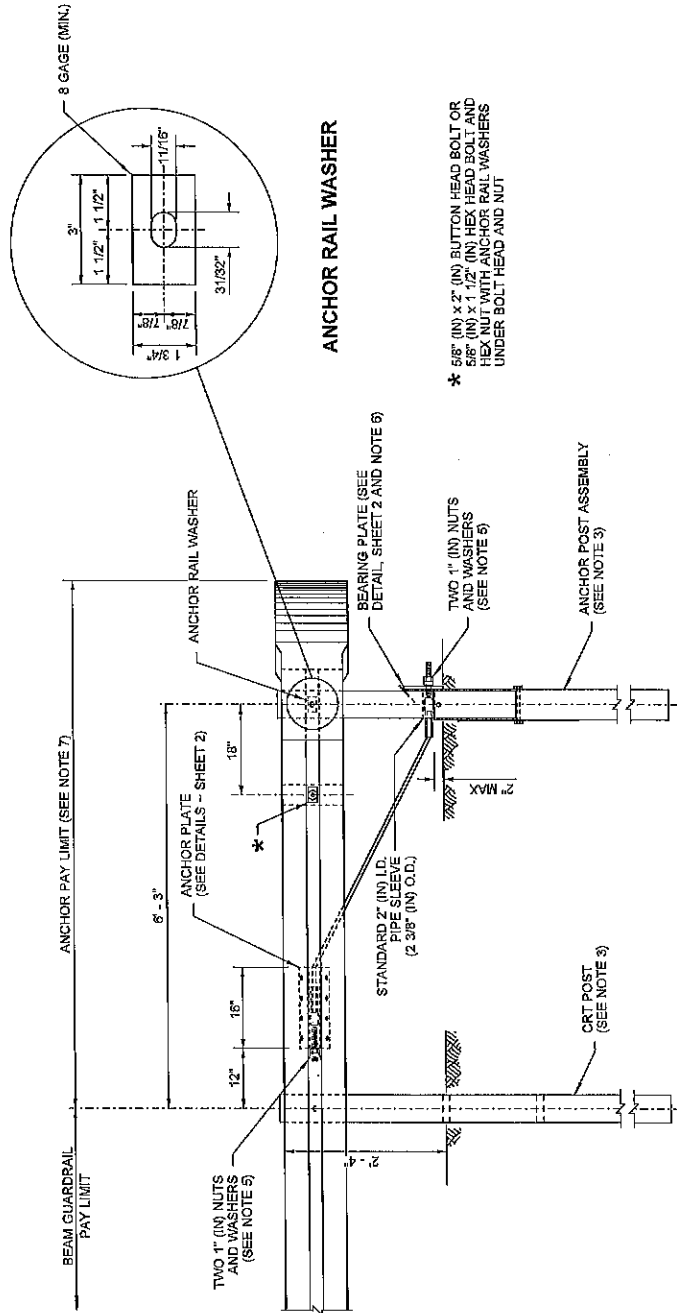
APPROVED FOR PUBLICATION
 C. Peterson, Jeff
 Jan 12 2016 2:31 PM
 STATE DESIGN ENGINEER
 Washington State Department of Transportation

NOTES

1. Anchor plate may be constructed from: 1/4" (in) plates welded to equal strength and dimensions as shown.
2. For end section details see Standard Plan C-7.
3. For post details, see Standard Plan C-1b.
4. Eight 5/8" (in) x 1/2" (in) machine bolts with hex nut and washer. Place washer on face side of rail.
5. Outside nut shall be torqued against inside nut a minimum of 100 ft-lbs.
6. Toenail bearing plate with 10d nail at corners to prevent turning.
7. Anchor pay limit does not apply when anchor is included in a Beam Guardrail Terminal.



PLAN



TYPE 1 ANCHOR



Jeff Peterson
 Peterson, Jeff (HQ Design)
 Jun 30 2016 7:05 AM
 BEAM GUARDRAIL TYPE 1

STANDARD PLAN C-6

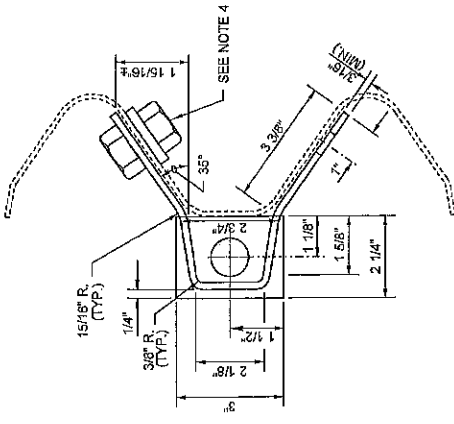
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

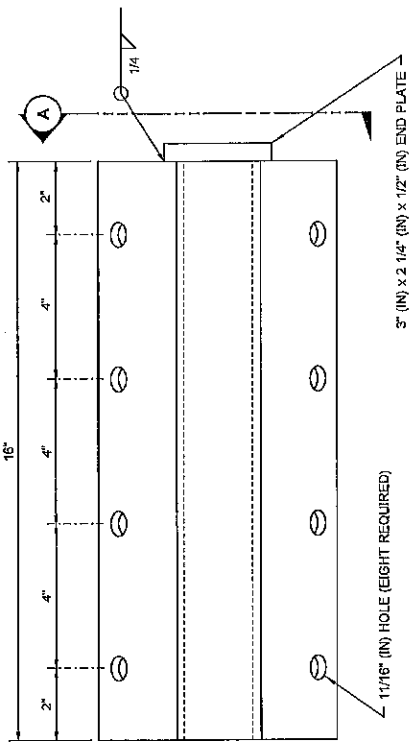
Engineer: Jeff Peterson
 Jul 13 2016 3:22 PM

REGISTERED ENGINEER

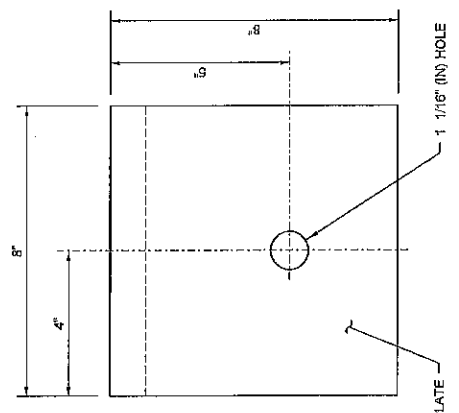
Washington State Department of Transportation



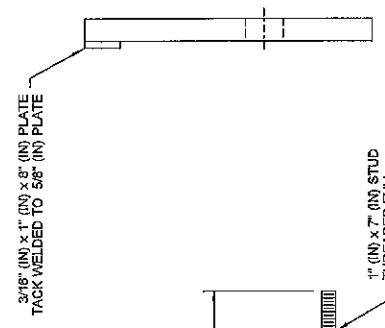
SECTION A



ELEVATION
ANCHOR PLATE
(SEE NOTE 1)



BEARING PLATE



ANCHOR CABLE

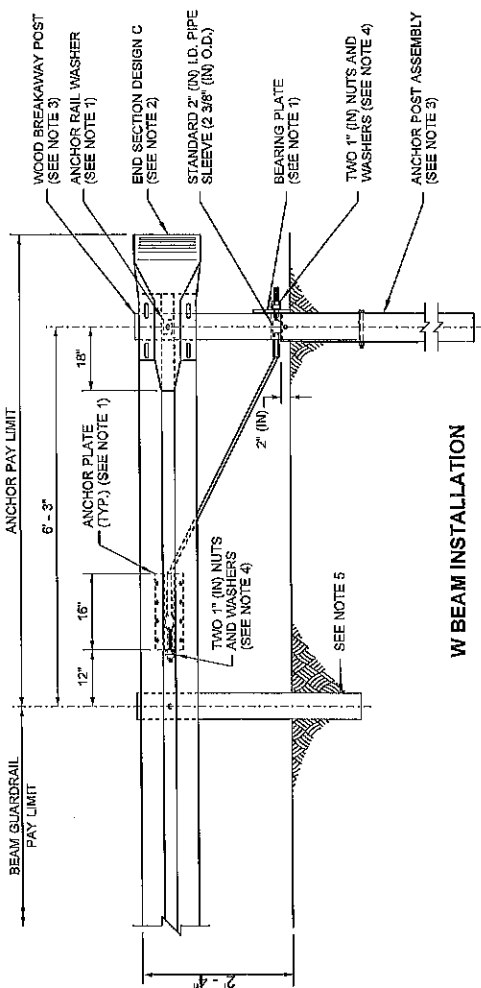


Jeff Peterson
Professional Engineer
License No. 35587
Mechanical Engineering
State of Washington
Approved for Publication
3/15/2016 2:22 PM
Carpenter, Jeff
STATE DESIGN ENGINEER
Washington State Department of Transportation

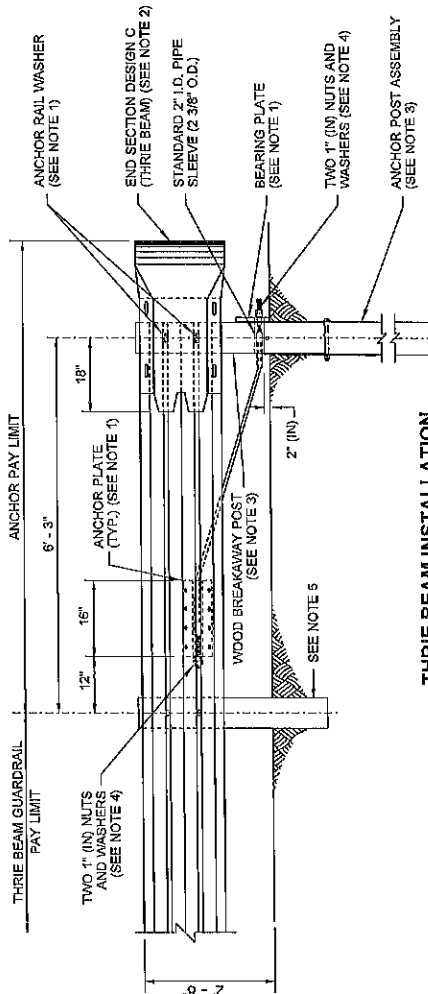
BEAM GUARDRAIL TYPE 1
STANDARD PLAN C-6
SHEET 2 OF 2 SHEETS

NOTES

1. For anchor details, see Standard Plan C-6.
2. For end section details see Standard Plan C-7 or C-7a.
3. For post details, see Standard Plan C-1b.
4. Outside nut shall be torqued against inside nut a minimum of 100 ft.-lbs.
5. Post and block shall match beam guardrail posts.



W BEAM INSTALLATION



THRIE BEAM INSTALLATION

DRAWN BY: FERN LIDDELL

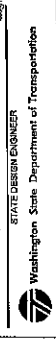


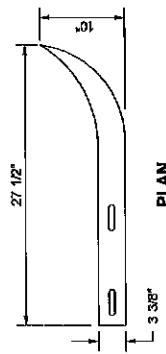
Jeff Peterson
BEAM GUARDRAIL ANCHOR
TYPE 4

STANDARD PLAN C-6c

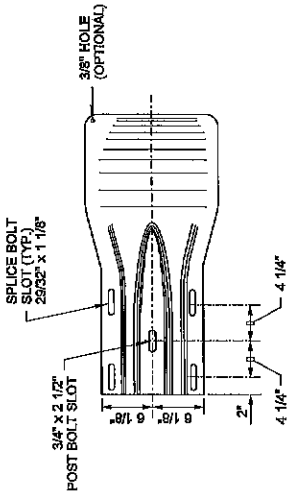
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Christopher Joffe
 STATE DESIGN ENGINEER

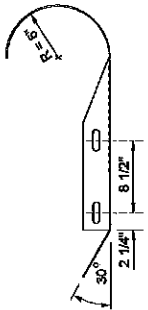




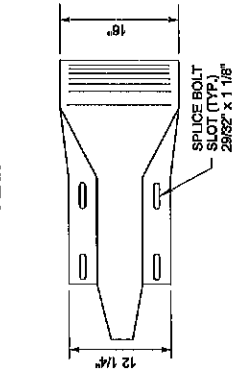
PLAN



ELEVATION
DESIGN A



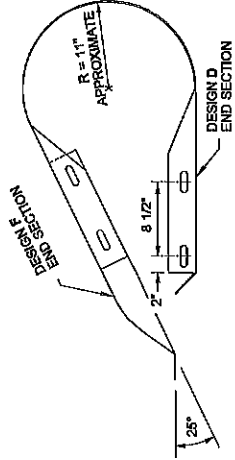
PLAN



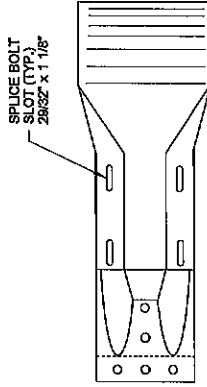
ELEVATION
DESIGN C

NOTES

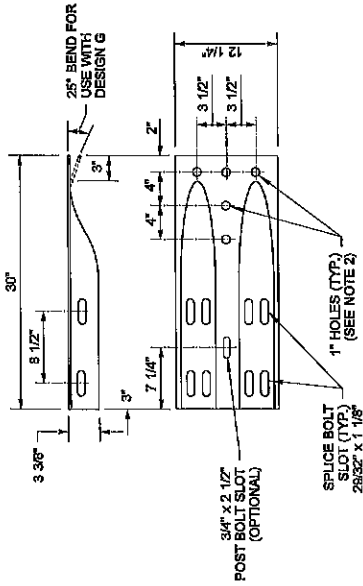
1. End Section, Design G shall be used except where noted on the plans or contract.
2. Attach guardrail to bridge rail or concrete barrier with 7/8" diameter bolts (five minimum) Standard Spec. 9-06.5(4), with thin slab female inserts or resin bonded anchors. See the Contract Plans.
3. A single piece having similar dimensional shape to Design G and mating with the W-beam guardrail is an alternate.
4. In cases where Design "F" end section is lapped on the outside of the guardrail, a galvanized 1" ID, 2" OD, 0.134" thick, narrow Type A Plain Washer or an anchor rail washer shall be placed under the splice bolt heads.



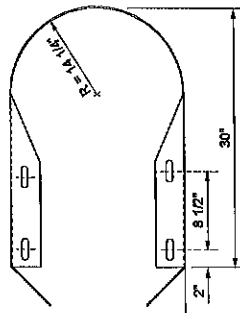
PLAN



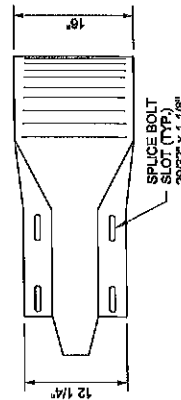
ELEVATION
DESIGN D
(SEE NOTE 3)



ELEVATION
DESIGN F
(SEE NOTE 4)



PLAN



ELEVATION
DESIGN E



**BEAM GUARDRAIL
END SECTIONS
STANDARD PLAN C-7**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 06-16-11

STATE DESIGN ENGINEER DATE

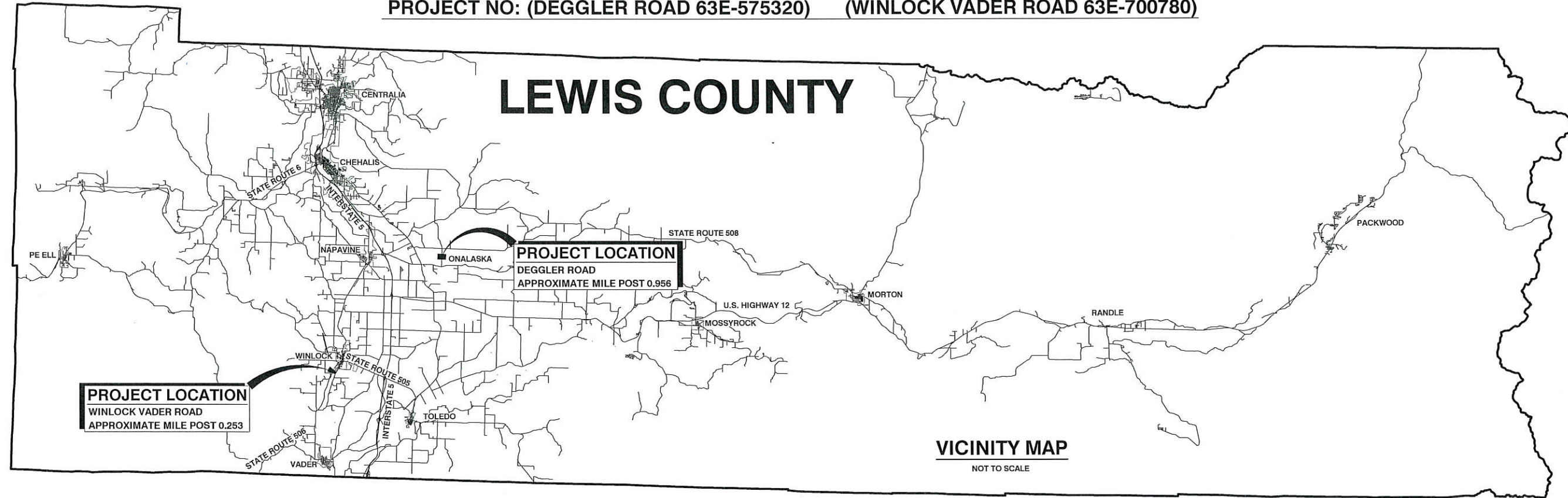
Washington State Department of Transportation



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT.
IT IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A CONTRACT.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
FOR THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION.
FOR THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION.
FOR THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION.

GUARDRAIL REPLACEMENT

PROJECT NO: (DEGLER ROAD 63E-575320) (WINLOCK VADER ROAD 63E-700780)



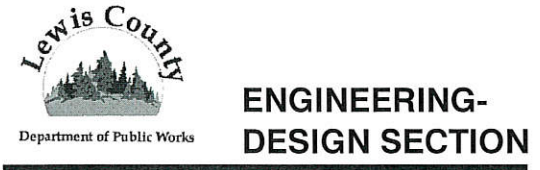
LEWIS COUNTY
DEPARTMENT OF PUBLIC WORKS
APPROVED FOR CONSTRUCTION:

[Signature]
Assistant County Engineer

11-14-17
Date

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	VICINITY MAP AND SHEET INDEX
2	LEGEND
3	SUMMARY OF QUANTITIES
4	DEGLER ROAD GUARDRAIL LAYOUT
5	WINLOCK VADER ROAD GUARDRAIL LAYOUT

COMMISSIONERS:
EDNA J. FUND, DISTRICT 1
ROBERT C. JACKSON, DISTRICT 2
GARY STAMPER, DISTRICT 3




LEGEND

EXISTING FEATURES

- ROAD EDGE
- TPHONE ----- UNDERGROUND PHONE

NEW CONSTRUCTION FEATURES

- ⬡# CALLOUT
- ▬ NEWLY CONSTRUCTED TYPE 1 GUARDRAIL
- ▬ SCHEDULE A CULVERT PIPE 18 IN. DIAM.
- ▬ NEWLY CONSTRUCTED GUARDRAIL LANDING



 2025 N. E. KRESKY AVE.
 CHEHALIS WA 98532
 PHONE # (360) 740-1123
 FAX # (360) 740-2719
 Department of Public Works

DESIGNED BY : DJC
 DRAWN BY : CGA
 CHECKED BY :
 DATE :

NO.	DATE	REVISION	BY	APP.

GUARDRAIL REPLACEMENT

COUNTY ROAD PROJECT NO:

LEGEND

SHEET

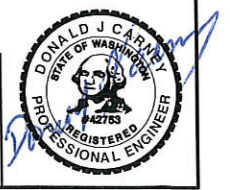
2

OF

5



Donald J Carney, P.E.
 Senior Design Engineer
 Date: 11-14-17



SUMMARY OF QUANTITIES

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	0.02	ACRE
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LUMP SUM
DRAINAGE				
4	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	70.00	L.F.
SURFACING				
5	5100	CRUSHED SURFACING BASE COURSE	111.00	TON
TRAFFIC				
6	6717	BEAM GUARDRAIL NON-FLARED TERMINAL	2	EACH
7	6747	BEAM GUARDRAIL TYPE 1 - 9 FT. LONG POST	575.00	L.F.
8	6748	BEAM GUARDRAIL TYPE 1 - 8 FT. LONG POST	50.00	L.F.
9	6751	BEAM GUARDRAIL TYPE 1	37.50	L.F.
10	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 10	1	EACH
11	6774	BEAM GUARDRAIL ANCHOR TYPE 4	1	EACH
12	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
13	S.P.	NEW THRIE BEAM SECTION	12.50	L.F.
OTHER ITEMS				
14	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
15	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
16	7728	MINOR CHANGE	CALC.	\$25,000.00
17	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



2025 N. E. KRESKY AVE.
CHEHALIS WA 98532
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DATE :

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GUARDRAIL REPLACEMENT

COUNTY ROAD PROJECT NO:

SUMMARY OF QUANTITIES

SHEET

3

OF

5

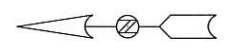


Donald J Carney, P.E.
Senior Design Engineer

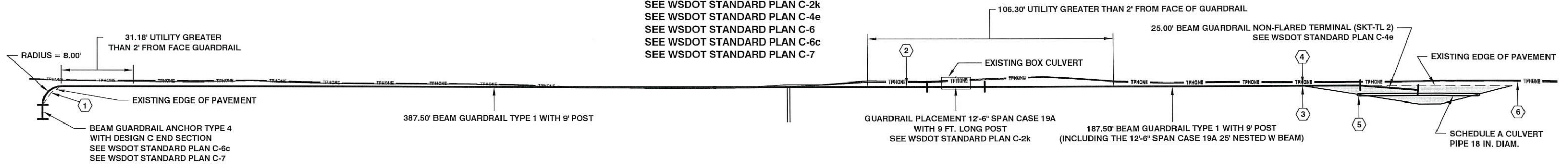
Date: 11-14-17



- CONSTRUCTION NOTES DEGGLER ROAD**
- 1 REMOVE ASPHALT AS NEEDED FOR GUARDRAIL POSTS
SEE STRUCTURES AND OBSTRUCTIONS
 - 2 REMOVE GUARDRAIL AND GUARDRAIL ANCHORS
SEE STRUCTURES AND OBSTRUCTIONS
BACKFILL POST HOLES WITH CRUSHED SURFACING BASE COURSE
3 TONS C.S.B.C. (QUANTITY IS INCLUDED FOR CRUSHED SURFACING BASE COURSE, BID ITEM #5)
 - 3 CONSTRUCT GUARDRAIL LANDING
TO BE STAKED IN THE FIELD BY THE ENGINEER
60 TON C.S.B.C.
 - 4 CLEARING AND GRUBBING FOR GUARDRAIL LANDING
TO BE STAKED IN THE FIELD BY THE ENGINEER
0.01 ACRE
 - 5 CONSTRUCT SCHEDULE A CULVERT PIPE 18 IN. DIAM.
TO BE STAKED IN THE FIELD BY THE ENGINEER
PIPE IS TO LAY IN EXISTING DITCH UNDER GUARDRAIL LANDING
DITCH MAY NEEDED TO BE REGRADED TO INSURE PIPE IS BEDDED PROPERLY
BEVEL PIPE TO MATCH SLOPES
70 L.F. SCHEDULE A CULVERT PIPE 18 IN. DIAM.
 - 6 ALL UTILITIES ARE LESS THAN 2 FT. FROM FACE OF GUARDRAIL
EXCEPT WHERE SHOWN



NOTE:
 SEE WSDOT STANDARD PLAN C-1
 SEE WSDOT STANDARD PLAN C-1b
 SEE WSDOT STANDARD PLAN C-2k
 SEE WSDOT STANDARD PLAN C-4e
 SEE WSDOT STANDARD PLAN C-6
 SEE WSDOT STANDARD PLAN C-6c
 SEE WSDOT STANDARD PLAN C-7



SUMMARY OF QUANTITIES FOR DEGGLER ROAD (PROJECT NO: 63E-575320)				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
2	0025	CLEARING AND GRUBBING	0.01	ACRE
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LUMP SUM
DRAINAGE				
4	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	70.00	L.F.
SURFACING				
5	5100	CRUSHED SURFACING BASE COURSE	63.00	TON
TRAFFIC				
6	6717	BEAM GUARDRAIL NON-FLARED TERMINAL	1	EACH
7	6747	BEAM GUARDRAIL TYPE 1 - 9 FT. LONG POST	575.00	L.F.
8	6748	BEAM GUARDRAIL TYPE 1 - 8 FT. LONG POST	-----	L.F.
9	6751	BEAM GUARDRAIL TYPE 1	-----	L.F.
10	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 10	-----	EACH
11	6774	BEAM GUARDRAIL ANCHOR TYPE 4	1	EACH
12	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
13	S.P.	NEW THRIE BEAM SECTION	-----	L.F.
OTHER ITEMS				
14	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
15	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
16	7728	MINOR CHANGE	CALC.	\$12,500.00
17	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

Lewis County
 Department of Public Works
 2025 N. E. 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.

GUARDRAIL REPLACEMENT

COUNTY PROJECT NO: 63E-575320
 DEGGLER ROAD GUARDRAIL LAYOUT

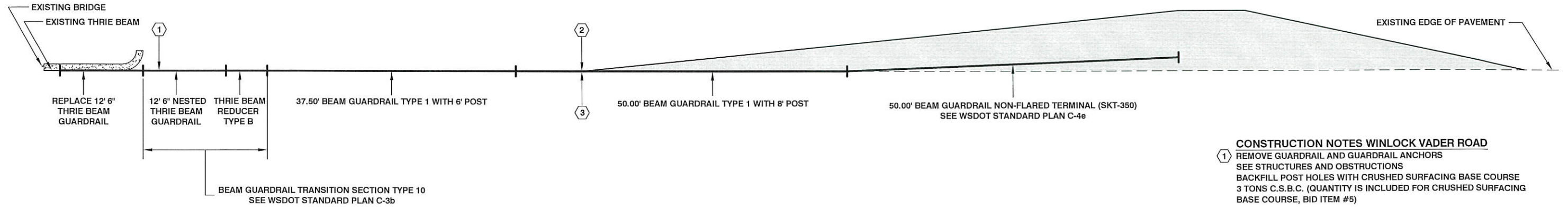
SHEET
 4 OF 5



Donald J Carney, P.E.
 Senior Design Engineer
 Date: 11-14-17



NOTE:
 SEE WSDOT STANDARD PLAN C-1
 SEE WSDOT STANDARD PLAN C-1a
 SEE WSDOT STANDARD PLAN C-1b
 SEE WSDOT STANDARD PLAN C-1d
 SEE WSDOT STANDARD PLAN C-3b
 SEE WSDOT STANDARD PLAN C-4e



NOTE:
 EXISTING GUARDRAIL POSTS HAVE BEEN CUT OFF AT GROUND LEVEL

- CONSTRUCTION NOTES WINLOCK VADER ROAD**
- ① REMOVE GUARDRAIL AND GUARDRAIL ANCHORS
 SEE STRUCTURES AND OBSTRUCTIONS
 BACKFILL POST HOLES WITH CRUSHED SURFACING BASE COURSE
 3 TONS C.S.B.C. (QUANTITY IS INCLUDED FOR CRUSHED SURFACING
 BASE COURSE, BID ITEM #5)
 - ② CONSTRUCT GUARDRAIL LANDING
 TO BE STAKED IN THE FIELD BY THE ENGINEER
 45 TON C.S.B.C.
 - ③ CLEARING AND GRUBBING FOR GUARDRAIL LANDING
 TO BE STAKED IN THE FIELD BY THE ENGINEER
 0.01 ACRE

SUMMARY OF QUANTITIES FOR WINLOCK VADER ROAD (PROJECT NO: 63E-700780)				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
2	0025	CLEARING AND GRUBBING	0.01	ACRE
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	LUMP SUM
DRAINAGE				
4	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	-----	L.F.
SURFACING				
5	5100	CRUSHED SURFACING BASE COURSE	48.00	TON
TRAFFIC				
6	6717	BEAM GUARDRAIL NON-FLARED TERMINAL	1	EACH
7	6747	BEAM GUARDRAIL TYPE 1 - 9 FT. LONG POST	-----	L.F.
8	6748	BEAM GUARDRAIL TYPE 1 - 8 FT. LONG POST	50.00	L.F.
9	6751	BEAM GUARDRAIL TYPE 1	37.50	L.F.
10	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 10	1	EACH
11	6774	BEAM GUARDRAIL ANCHOR TYPE 4	-----	EACH
12	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
13	S.P.	NEW THRIE BEAM SECTION	12.50	L.F.
OTHER ITEMS				
13	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
14	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
15	7728	MINOR CHANGE	CALC.	\$12,500.00
16	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

Lewis County
 Department of Public Works
 2025 N. E. 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.

GUARDRAIL REPLACEMENT

COUNTY PROJECT NO: 63E-700780

WINLOCK VADER ROAD GUARDRAIL LAYOUT

SHEET
5
 OF
5



Donald J Carney, P.E.
 Senior Design Engineer

Date: 11-17-17

