

Lewis County
Department of Public Works
Engineering Division

**CONTRACT
PROVISIONS AND PLANS
FOR CONSTRUCTION OF:
SALZER VALLEY ROAD
HMA PROJECT**

**SM 20F150510535
March, 2023**

Lewis County Public Works
2025 NE Kresky Ave.
Chehalis, WA 98532-2626
Approved for Construction:



02/23/2023


Assistant County Engineer

02/23/2023
Date

Project Engineer

BOARD OF COUNTY COMMISSIONERS
Sean Swope, District No. 1
Lindsey R. Pollock, DVM, District No. 2
Scott Brummer, District No. 3

1 **TABLE OF CONTENTS**

2

3 **TABLE OF CONTENTS1**

4 **1-01, DESCRIPTION OF WORK 1**

5 *1-02.12 Public Opening Of Proposal..... 5*

6 *Date and Time of Bid Opening..... 5*

7 *1-02.13 Irregular Proposals 6*

8 *1-02.14 Disqualification of Bidders..... 6*

9 *1-02.15 Pre Award Information..... 9*

10 **1-03, AWARD AND EXECUTION OF CONTRACT 10**

11 **1-06, CONTROL OF MATERIAL..... 13**

12 *1-06.6 Recycled Materials 13*

13 *1-07.17 Utilities And Similar Facilities 21*

14 *1-07.18 Insurance..... 22*

15 **1-08, PROSECUTION AND PROGRESS 25**

16 *1-08.0 Preliminary Matters..... 25*

17 *1-08.0(1) Preconstruction Conference..... 25*

18 *1-08.1 Subcontracting..... 26*

19 *1-08.3(2)A Type A Progress Schedule 27*

20 *1-08.4 Prosecution of Work..... 27*

21 **1-09, MEASUREMENT AND PAYMENT..... 29**

22 *1-09.11 Disputes and Claims 31*

23 **POWER EQUIPMENT..... 61**

24 **E-VERIFY..... 61**

25 **BOND..... 62**

26 **LEWIS COUNTY ESTIMATES AND PAYMENT POLICY 62**

27 **APPENDICES..... 62**

28 **APPENDIX A73**

29 **WASHINGTON STATE PREVAILING WAGE RATES..... 73**

30 **APPENDIX B75**

31 **BID PROPOSAL DOCUMENTS..... 75**

32 **APPENDIX C85**

33 **CONTRACT DOCUMENTS 85**

34 *CONTRACT BOND FOR Bond No..... 89*

35 *POWER EQUIPMENT LIST..... 91*

36 **APPENDIX D93**

37 **FEDERAL CONTRACT PROVISIONS..... 93**

38 **APPENDIX E105**

39 **CONTRACT PLANS 105**

1
2
3

1
2 **INTRODUCTION**

3
4 The following Special Provisions are made a part of this contract and supersede any conflicting
5 provisions of the 2023 Standard Specifications for Road, Bridge, and Municipal Construction.

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

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

15
16 (date) General Special Provision
17 (LCPW GSP) Lewis County General Special Provision
18 (*****) Notes a revision to a General Special Provision
19 and also notes a Project Specific Special Provision.
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 **1-01, DESCRIPTION OF WORK**

45 (March 13, 1995)

46 This contract provides for the improvement of *** Salzer Valley Road MP 5.35 by paving roadway and
47 approaches with HMA, *** and other related work, all in accordance with the attached Contract Plans,
48 these Contract Provisions, and the Standard Specifications.
49

1 **1-01.3 Definitions**

2 (January 19, 2022 APWA GSP)

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

6
7 **Dates**

8 ***Bid Opening Date***

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

10 ***Award Date***

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

13 ***Contract Execution Date***

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

15 ***Notice to Proceed Date***

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

17 ***Substantial Completion Date***

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

23 ***Physical Completion Date***

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

27 ***Completion Date***

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

32 ***Final Acceptance Date***

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

34
35 Supplement this Section with the following:

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

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

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

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

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 Delete this Section and replace it with the following:
41

42 **1-02.1 Qualifications of Bidder**
43 *(January 24, 2011 APWA GSP)*
44

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

50 **1-02.2 Plans and Specifications**
51 *(LCPW GSP)*
52

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

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

5
6 Lewis County Public Works Department
7 2025 N.E. Kresky Avenue
8 Chehalis, Washington 98532
9 (360) 740-1123 Ext. 7
10

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

12
13 Prospective bidders may obtain plans and specifications from Lewis County Public
14 Works Department in Chehalis, Washington or download from Lewis County Website at
15 www.lewiscountywa.gov.

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 **1-02.9 Delivery of Proposal**
23 (*January 19, 2022 APWA GSP, Option A*)

24
25 Delete this section and replace it with the following:

26
27 Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project Number
28 as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required
29 in the Bid Documents, to ensure proper handling and delivery.

30
31 To be considered responsive on a FHWA-funded project, the Bidder may be required to submit the
32 following items, as required by Section 1-02.6:

- 33
34
- 35 • DBE Utilization Certification (WSDOT 272-056)
 - 36 • DBE Written Confirmation Document (WSDOT 422-031) from each DBE firm listed on the
37 Bidder's completed DBE Utilization Certification
 - 38 • Good Faith Effort (GFE) Documentation
 - 39 • DBE Bid Item Breakdown (WSDOT 272-054)
 - 40 • DBE Trucking Credit Form (WSDOT 272-058)

41
42 **DBE Utilization Certification**

43 The DBE Utilization Certification shall be received at the same location and no later than the time
44 required for delivery of the Proposal. The Contracting Agency will not open or consider any Proposal
45 when the DBE Utilization Certification is received after the time specified for receipt of Proposals or
46 received in a location other than that specified for receipt of Proposals. The DBE Utilization
47 Certification may be submitted in the same envelope as the Bid deposit.

48
49 **DBE Written Confirmation and/or GFE Documentation**

50 The DBE Written Confirmation Documents and/or GFE Documents are not required to be submitted
51 with the Proposal. The DBE Written Confirmation Document(s) and/or GFE (if any) shall be received
52 either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received no later
53 than 48 hours (not including Saturdays, Sundays and Holidays) after the time for delivery of the
Proposal. To be considered responsive, Bidders shall submit Written Confirmation Documentation

1 from each DBE firm listed on the Bidder's completed DBE Utilization Certification and/or the GFE as
2 required by Section 1-02.6.

3
4 **DBE Bid Item Breakdown and DBE Trucking Credit Form**

5 The DBE Bid Item Breakdown and the DBE Trucking Credit Forms (if applicable) shall be received
6 either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received no later
7 than 48 hours (not including Saturdays, Sundays and Holidays) after the time for delivery of the
8 Proposal. To be considered responsive, Bidders shall submit a completed DBE Bid Item Breakdown
9 and a DBE Trucking Credit Form for each DBE Trucking firm listed on the DBE Utilization Certification,
10 however, minor errors and corrections to DBE Bid Item Breakdown or DBE Trucking Credit Forms
11 will be returned for correction for a period up to five calendar days (not including Saturdays, Sundays
12 and Holidays) after the time for delivery of the Proposal. A DBE Bid Item Breakdown or DBE Trucking
13 Credit Forms that are still incorrect after the correction period will be determined to be non-responsive.
14

15 Proposals that are received as required will be publicly opened and read as specified in Section 1-
16 02.12. The Contracting Agency will not open or consider any Bid Proposal that is received after the
17 time specified in the Call for Bids for receipt of Bid Proposals, or received in a location other than that
18 specified in the Call for Bids. The Contracting Agency will not open or consider any "Supplemental
19 Information" (DBE confirmations, or GFE documentation) that is received after the time specified
20 above, or received in a location other than that specified in the Call for Bids.
21

22 If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency
23 so that Proposals cannot be received at the office designated for receipt of bids as specified in Section
24 1-02.12 the time specified for receipt of the Proposal will be deemed to be extended to the same time
25 of day specified in the solicitation on the first work day on which the normal work processes of the
26 Contracting Agency resume.
27

28
29 **1-02.12 Public Opening Of Proposal**
30 (LCPW GSP)

31 Section 1-02.12 is supplemented with the following:
32

33 **Date and Time of Bid Opening**

34 The Board of County Commissioners of Lewis County or designee, will open sealed proposals and
35 publicly read them aloud at or after 12:15 p.m. on **March 16, 2023**, at the Lewis County
36 Courthouse, Chehalis, Washington, for the Salzer Valley Road HMA Project, SM 20F150510535.
37

38 **SEALED BIDS MUST BE DELIVERED BY OR BEFORE**
39 **12:15 P.M. on Thursday, March 16, 2023**

40 (Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.
41 **Bids submitted after 12:15 PM will not be considered for this project.**)
42

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

44 Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners
45 (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **12:15**
46 **p.m.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR**
47 **THE SALZER VALLEY ROAD HMA PROJECT, SM 20F150510535, TO BE OPENED AT OR**
48 **AFTER 12:15 P.M. ON MARCH 16, 2023"**.
49

1 **1-02.13 Irregular Proposals**

2 *(December 30, 2022 APWA GSP)*

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

- 5
6 1. A Proposal will be considered irregular and will be rejected if:
- 7 a. The Bidder is not prequalified when so required;
 - 8 b. The authorized Proposal form furnished by the Contracting Agency is not used or is
9 altered;
 - 10 c. The completed Proposal form contains any unauthorized additions, deletions, alternate
11 Bids, or conditions;
 - 12 d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into
13 the Contract;
 - 14 e. A price per unit cannot be determined from the Bid Proposal;
 - 15 f. The Proposal form is not properly executed;
 - 16 g. The Bidder fails to submit or properly complete a subcontractor list (WSDOT Form 271-
17 015), if applicable, as required in Section 1-02.6;
 - 18 h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise
19 Certification (WSDOT Form 272-056), if applicable, as required in Section 1-02.6;
 - 20 i. The Bidder fails to submit Written Confirmations (WSDOT Form 422-031) from each
21 DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in
22 agreement with the bidder's DBE participation commitment, if applicable, as required in
23 Section 1-02.6, or if the written confirmation that is submitted fails to meet the
24 requirements of the Special Provisions;
 - 25 j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as
26 required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate
27 that a Good Faith Effort to meet the Condition of Award was made;
 - 28 k. The Bidder fails to submit a DBE Bid Item Breakdown (WSDOT Form 272-054), if
29 applicable, as required in Section 1-02.6, or if the documentation that is submitted fails
30 to meet the requirements of the Special Provisions;
 - 31 l. The Bidder fails to submit DBE Trucking Credit Forms (WSDOT Form 272-058), if
32 applicable, as required in Section 1-02.6, or if the documentation that is submitted fails
33 to meet the requirements of the Special Provisions;
 - 34 m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material
35 terms of the Bid invitation; or
 - 36 n. More than one Proposal is submitted for the same project from a Bidder under the same
37 or different names.
- 38
39 2. A Proposal may be considered irregular and may be rejected if:
- 40 a. The Proposal does not include a unit price for every Bid item;
 - 41 b. Any of the unit prices are excessively unbalanced (either above or below the amount of
42 a reasonable Bid) to the potential detriment of the Contracting Agency;
 - 43 c. Receipt of Addenda is not acknowledged;
 - 44 d. A member of a joint venture or partnership and the joint venture or partnership submit
45 Proposals for the same project (in such an instance, both Bids may be rejected); or
 - 46 e. If Proposal form entries are not made in ink.

47
48 **1-02.14 Disqualification of Bidders**

49 *(May 17, 2018 APWA GSP, Option B)*

50
51 Delete this section and replace it with the following:

1 A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder
2 responsibility criteria in RCW 39.04.350(1), as amended; or does not meet Supplemental Criteria
3 1-7 listed in this Section.

4
5 The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility
6 criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence that the Bidder meets
7 Supplemental Criteria 3-7 shall be provided by the Bidder as stated later in this Section.
8

9
10 **1. Delinquent State Taxes**

11
12 A Criterion: The Bidder shall not owe delinquent taxes to the Washington State
13 Department of Revenue without a payment plan approved by the Department of
14 Revenue.

15
16 B. Documentation: The Bidder, if and when required as detailed below, shall sign a
17 statement (on a form to be provided by the Contracting Agency) that the Bidder does not
18 owe delinquent taxes to the Washington State Department of Revenue, or if delinquent
19 taxes are owed to the Washington State Department of Revenue, the Bidder must
20 submit a written payment plan approved by the Department of Revenue, to the
21 Contracting Agency by the deadline listed below.
22

23 **2. Federal Debarment**

24
25 A Criterion: The Bidder shall not currently be debarred or suspended by the Federal
26 government.

27
28 B. Documentation: The Bidder shall not be listed as having an “active exclusion” on the
29 U.S. government’s “System for Award Management” database (www.sam.gov).
30

31 **3. Subcontractor Responsibility**

32
33 A Criterion: The Bidder’s standard subcontract form shall include the subcontractor
34 responsibility language required by RCW 39.06.020, and the Bidder shall have an
35 established procedure which it utilizes to validate the responsibility of each of its
36 subcontractors. The Bidder’s subcontract form shall also include a requirement that
37 each of its subcontractors shall have and document a similar procedure to determine
38 whether the sub-tier subcontractors with whom it contracts are also “responsible”
39 subcontractors as defined by RCW 39.06.020.
40

41
42 B. Documentation: The Bidder, if and when required as detailed below, shall submit a copy
43 of its standard subcontract form for review by the Contracting Agency, and a written
44 description of its procedure for validating the responsibility of subcontractors with which
45 it contracts.

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

47
48 A Criterion: The Bidder shall not have a record of excessive claims filed against the
49 retainage or payment bonds for public works projects in the three years prior to the bid
50 submittal date, that demonstrate a lack of effective management by the Bidder of making
51 timely and appropriate payments to its subcontractors, suppliers, and workers, unless

1 there are extenuating circumstances and such circumstances are deemed acceptable to
2 the Contracting Agency.

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

- 8 • Name of project
- 9 • The owner and contact information for the owner;
- 10 • A list of claims filed against the retainage and/or payment bond for any of the
- 11 projects listed;
- 12 • A written explanation of the circumstances surrounding each claim and the ultimate
- 13 resolution of the claim.
- 14

15
16 **5. Public Bidding Crime**

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

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

26
27 **6. Termination for Cause / Termination for Default**

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

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

39
40 **7. Lawsuits**

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

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

1 circumstances surrounding each such lawsuit. The Contracting Agency shall evaluate
2 these explanations to determine whether the lawsuits demonstrate a pattern of failing to
3 meet of terms of construction related contracts
4

5 As evidence that the Bidder meets the Supplemental Criteria stated above, the apparent low
6 Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day
7 following the bid submittal deadline, a written statement verifying that the Bidder meets the
8 supplemental criteria together with supporting documentation (sufficient in the sole judgment of
9 the Contracting Agency) demonstrating compliance with the Supplemental Criteria. The
10 Contracting Agency reserves the right to request further documentation as needed from the low
11 Bidder and documentation from other Bidders as well to assess Bidder responsibility and
12 compliance with all bidder responsibility criteria. The Contracting Agency also reserves the right
13 to obtain information from third-parties and independent sources of information concerning a
14 Bidder's compliance with the mandatory and supplemental criteria, and to use that information in
15 their evaluation. The Contracting Agency may consider mitigating factors in determining whether
16 the Bidder complies with the requirements of the supplemental criteria.
17

18 The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria
19 shall include any documents or facts obtained by Contracting Agency (whether from the Bidder or
20 third parties) including but not limited to: (i) financial, historical, or operational data from the
21 Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the
22 Bidder has worked, or other public agencies or private enterprises; and (iii) any additional
23 information obtained by the Contracting Agency which is believed to be relevant to the matter.
24

25 If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria
26 above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in
27 writing, with the reasons for its determination. If the Bidder disagrees with this determination, it
28 may appeal the determination within two (2) business days of the Contracting Agency's
29 determination by presenting its appeal and any additional information to the Contracting Agency.
30 The Contracting Agency will consider the appeal and any additional information before issuing its
31 final determination. If the final determination affirms that the Bidder is not responsible, the
32 Contracting Agency will not execute a contract with any other Bidder until at least two business
33 days after the Bidder determined to be not responsible has received the Contracting Agency's
34 final determination.
35

36 Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders with
37 concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility Criteria
38 may make or submit requests to the Contracting Agency to modify the criteria. Such requests
39 shall be in writing, describe the nature of the concerns, and propose specific modifications to the
40 criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5)
41 business days prior to the bid submittal deadline and address the request to the Project Engineer
42 or such other person designated by the Contracting Agency in the Bid Documents.
43

44 **1-02.15 Pre Award Information**
45 *(December 30, 2022 APWA GSP)*
46

47 Revise this section to read:
48

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

- 51 1. A complete statement of the origin, composition, and manufacture of any or all materials to be
52 used,

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

1-03, AWARD AND EXECUTION OF CONTRACT

1-03.3 Execution of Contract *(January 19, 2022 APWA GSP)*

Revise this section to read:

Within 3 calendar days of Award date (not including Saturdays, Sundays and Holidays), the successful Bidder shall provide the information necessary to execute the Contract to the Contracting Agency. The Bidder shall send the contact information, including the full name, email address, and phone number, for the authorized signer and bonding agent to the Contracting Agency.

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

Within 15 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

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

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

1-03.4 Contract Bond *(July 23, 2015 APWA GSP)*

Delete the first paragraph and replace it with the following:

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and performance bond; or be separate payment

1 and performance bonds. In the case of separate payment and performance bonds, each shall be
2 for the full contract amount. The bond(s) shall:

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

27 **1-03.7 Judicial Review**

28 *(December 30, 2022 APWA GSP)*

29
30
31 Revise this section to read:

32
33 All decision made by the Contracting Agency regarding the Award and execution of the Contract or
34 Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington
35 Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting
36 Agency headquarters is located, provided that where an action is asserted against a county, RCW
37 36.01.050 shall control venue and jurisdiction.

38 39 **1-05, CONTROL OF WORK**

40 *(March 13, 1995)*

41 **1-05.7 Removal Of Defective And unauthorized Work**

42 *(October 1, 2005 APWA GSP)*

43
44
45 Supplement this section with the following:

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

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

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

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

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

24
25 **1-05.13 Superintendents, Labor and Equipment of Contractor**
26 *(August 14, 2013 APWA GSP)*

27
28 Delete the sixth and seventh paragraphs of this section.

29
30 **1-05.14 Cooperation With Other Contractors**

31 Section 1-05.14 is supplemented with the following:
32 *(March 13, 1995)*

33
34 **Other Contracts Or Other Work**

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

37
38 \$\$ Utilities and/or Utility Contractors. The contractor's attention is directed to Section 1-07.17
39 these Special Provisions. \$\$

40
41 **1-05.15 Method of Serving Notices**
42 *(December 30, 2022 APWA GSP)*

43 Revise the second paragraph to read:

44
45 All correspondence from the Contractor shall be directed to the Project Engineer. All
46 correspondence from the Contractor constituting any notification, notice of protest, notice of dispute,
47 or other correspondence constituting notification required to be furnished under the Contract, must
48 be in paper format, hand delivered or sent via mail delivery service to the Project Engineer's office.
49 Electronic copies such as e-mails or electronically delivered copies of correspondence will not
50 constitute such notice and will not comply with the requirements of the Contract.
51

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

2
3 **1-06.6 Recycled Materials**
4 *(January 4, 2016 APWA GSP)*

5
6 Delete this section, including its subsections, and replace it with the following:
7

8 The Contractor shall make their best effort to utilize recycled materials in the construction of the
9 project. Approval of such material use shall be as detailed elsewhere in the Standard
10 Specifications.
11

12 Prior to Physical Completion the Contractor shall report the quantity of recycled materials that were
13 utilized in the construction of the project for each of the items listed in Section 9-03.21. The report
14 shall include hot mix asphalt, recycled concrete aggregate, recycled glass, steel furnace slag and
15 other recycled materials (e.g. utilization of on-site material and aggregates from concrete returned
16 to the supplier). The Contractor's report shall be provided on DOT form 350-075 Recycled
17 Materials Reporting.
18

19 **1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

20
21 **1-07.1 Laws to be Observed**
22 *(October 1, 2005 APWA GSP)*

23
24 Supplement this section with the following:
25

26 In cases of conflict between different safety regulations, the more stringent regulation shall apply.
27

28 The Washington State Department of Labor and Industries shall be the sole and paramount
29 administrative agency responsible for the administration of the provisions of the Washington Industrial
30 Safety and Health Act of 1973 (WISHA).
31

32 The Contractor shall maintain at the project site office, or other well-known place at the project site,
33 all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and
34 make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor's
35 care, persons, including employees, who may have been injured on the project site. Employees
36 should not be permitted to work on the project site before the Contractor has established and made
37 known procedures for removal of injured persons to a hospital or a doctor's care.
38

39 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the
40 Contractor's plant, appliances, and methods, and for any damage or injury resulting from their failure,
41 or improper maintenance, use, or operation. The Contractor shall be solely and completely
42 responsible for the conditions of the project site, including safety for all persons and property in the
43 performance of the work. This requirement shall apply continuously, and not be limited to normal
44 working hours. The required or implied duty of the Engineer to conduct construction review of the
45 Contractor's performance does not, and shall not, be intended to include review and adequacy of the
46 Contractor's safety measures in, on, or near the project site.
47

48 **1-07.2 State Taxes**
49

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

3 **1-07.2 State Sales Tax**

4 *(June 27, 2011 APWA GSP)*
5

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

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

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

23 **1-07.2(1) State Sales Tax — Rule 171**

24

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

34 **1-07.2(2) State Sales Tax — Rule 170**

35

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

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

52 **Exception:** The Contracting Agency will not add in sales tax for a payment the Contractor or a
53 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 **1-07.11 Requirements For Nondiscrimination**

11 Section 1-07.11 is supplemented with the following:

12
13 **(October 3, 2022)**

14 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order
15 11246)

- 16
17 1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard Federal
18 Equal Employment Opportunity Construction Contract Specifications set forth herein.
- 19
20 2. The goals and timetables for minority and female participation set by the Office of Federal
21 Contract Compliance Programs, expressed in percentage terms for the Contractor's aggregate
22 work force in each construction craft and in each trade on all construction work in the covered
23 area, are as follows:

24
25 Women - Statewide

26
27 Timetable

28
29 Goal

30 Until further notice

31 6.9%

32 Minorities - by Standard Metropolitan Statistical Area (SMSA)

33 Spokane, WA:

34 SMSA Counties:

35 Spokane, WA

36 2.8

37 WA Spokane.

38 Non-SMSA Counties

39 3.0

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

42 Richland, WA

43 SMSA Counties:

44 Richland Kennewick, WA

45 5.4

46 WA Benton; WA Franklin.

47 Non-SMSA Counties

48 3.6

49 WA Walla Walla.

50 Yakima, WA:

51 SMSA Counties:

52 Yakima, WA

53 9.7

54 WA Yakima.

55 Non-SMSA Counties

56 7.2

57 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 workforce,
19 regardless of whether or not part of that workforce is performing work on a Federal, or federally
20 assisted project, contract, or subcontract until further notice. Compliance with these goals and
21 time tables is enforced by the Office of Federal Contract compliance Programs.

22
23 The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4
24 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action
25 obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet
26 the goals. The hours of minority and female employment and training must be substantially
27 uniform throughout the length of the contract, in each construction craft and in each trade, and
28 the Contractor shall make a good faith effort to employ minorities and women evenly on each
29 of its projects. The transfer of minority or female employees or trainees from Contractor to
30 Contractor or from project to project for the sole purpose of meeting the Contractor's goal shall
31 be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4.
32 Compliance with the goals will be measured against the total work hours performed.

- 33
34 3. The Contractor shall provide written notification to the Office of Federal Contract Compliance
35 Programs (OFCCP) within 10 working days of award of any construction subcontract in excess
36 of \$10,000 or more that are Federally funded, at any tier for construction work under the contract
37 resulting from this solicitation. The notification shall list the name, address and telephone
38 number of the subcontractor; employer identification number of the subcontractor; estimated
39 dollar amount of the subcontract; estimated starting and completion dates of the subcontract;
40 and the geographical area in which the contract is to be performed. The notification shall be
41 sent to:

42
43 U.S. Department of Labor
44 Office of Federal Contract Compliance Programs Pacific Region
45 Attn: Regional Director
46 San Francisco Federal Building
47 90 – 7th Street, Suite 18-300
48 San Francisco, CA 94103(415) 625-7800 Phone
49 (415) 625-7799 Fax
50

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

1
2 Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive
3 Order 11246)
4

5 1. As used in these specifications:

- 6
- 7 a. Covered Area means the geographical area described in the solicitation from which
8 this contract resulted;
- 9
- 10 b. Director means Director, Office of Federal Contract Compliance Programs, United
11 States Department of Labor, or any person to whom the Director delegates authority;
- 12
- 13 c. Employer Identification Number means the Federal Social Security number used on
14 the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
- 15
- 16 d. Minority includes:
- 17
- 18 (1) Black, a person having origins in any of the Black Racial Groups of Africa.
- 19
- 20 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican,
21 Puerto Rican, Cuban, Central American, South American, or other Spanish
22 origin.
- 23
- 24 (3) Asian or Pacific Islander, a person having origins in any of the original
25 peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and
26 Samoa.
- 27
- 28 (4) American Indian or Alaskan Native, a person having origins in any of the
29 original peoples of North America, and who maintain cultural identification
30 through tribal affiliation or community recognition.

31

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

37

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

49

50 4. The Contractor shall implement the specific affirmative action standards provided in paragraphs
51 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this
52 contract resulted are expressed as percentages of the total hours of employment and training

1 of minority and female utilization the Contractor should reasonably be able to achieve in each
2 construction trade in which it has employees in the covered area. Covered construction
3 contractors performing construction work in geographical areas where they do not have a
4 Federal or federally assisted construction contract shall apply the minority and female goals
5 established for the geographical area where the work is being performed. The Contractor is
6 expected to make substantially uniform progress in meeting its goals in each craft during the
7 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 women
11 shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or
12 the regulations promulgated pursuant thereto.
- 13
- 14 6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting
15 the goals, such apprentices and trainees must be employed by the Contractor during the training
16 period, and the Contractor must have made a commitment to employ the apprentices and
17 trainees at the completion of their training, subject to the availability of employment
18 opportunities. Trainees must be trained pursuant to training programs approved by the U.S.
19 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 its
23 effort to achieve maximum results from its action. The Contractor shall document these efforts
24 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 b. Establish and maintain a current list of minority and female recruitment sources,
34 provide written notification to minority and female recruitment sources and to
35 community organizations when the Contractor or its unions have employment
36 opportunities available, and maintain a record of the organizations' responses.
 - 37 c. Maintain a current file of the names, addresses and telephone numbers of each
38 minority and female off-the-street applicant and minority or female referral from a
39 union, a recruitment source or community organization and of what action was taken
40 with respect to each such individual. If such individual was sent to the union hiring hall
41 for referral and was not referred back to the Contractor by the union or, if referred, not
42 employed by the Contractor, this shall be documented in the file with the reason
43 therefor, along with whatever additional actions the Contractor may have taken.
 - 44 d. Provide immediate written notification to the Director when the union or unions with
45 which the Contractor has a collective bargaining agreement has not referred to the
46 Contractor a minority person or woman sent by the Contractor, or when the Contractor
47 has other information that the union referral process has impeded the Contractor's
48 efforts to meet its obligations.
 - 49
 - 50
 - 51
 - 52

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

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

- 1 13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific
2 affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of
3 this Special Provision, so as to achieve maximum results from its efforts to ensure equal
4 employment opportunity. If the Contractor fails to comply with the requirements of the Executive
5 Order, the implementing regulations, or these specifications, the Director shall proceed in
6 accordance with 41 CFR 60-4.8.
- 7
- 8 14. The Contractor shall designate a responsible official to monitor all employment related activity
9 to ensure that the company EEO policy is being carried out, to submit reports relating to the
10 provisions hereof as may be required by the government and to keep records. Records shall at
11 least include, for each employee, their name, address, telephone numbers, construction trade,
12 union affiliation if any, employee identification number when assigned, social security number,
13 race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in
14 status, hours worked per week in the indicated trade, rate of pay, and locations at which the
15 work was performed. Records shall be maintained in an easily understandable and retrievable
16 form; however, to the degree that existing records satisfy this requirement, the Contractors will
17 not be required to maintain separate records.
- 18
- 19 15. Nothing herein provided shall be construed as a limitation upon the application of other laws
20 which establish different standards of compliance or upon the application of requirements for
21 the hiring of local or other area residents (e.g., those under the Public Works Employment Act
22 of 1977 and the Community Development Block Grant Program).
- 23
- 24 16. Additional assistance for Federal Construction Contractors on contracts administered by
25 Washington State Department of Transportation or by Local Agencies may be found at:

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

36
37 **1-07.17 Utilities And Similar Facilities**

38 (April 2, 2007)

39 Section 1-07.17 is supplemented with the following:

40
41 Locations and dimensions shown in the Plan for existing facilities are in accordance with available
42 information obtained without uncovering, measuring, or other verification.

43
44 The following addresses and telephone numbers of utility companies known or suspected of having
45 facilities within the project limits are supplied for the Contractor's convenience:

46
47 **Lewis County P.U.D. No. 1**
48 **321 NW Pacific**
49 **Chehalis, WA 98532**
50 **Telephone: (360) 748-9261**

51
52 **LUMEN**
53 **Dioni Cariaga**

1 **Network Implementation Engineer II**
2 **411 S Kaiser Rd, Olympia, WA 98502**
3 **tel: 206-733-5261 / cell: 360-250-2596**
4 **dioni.cariaga@lumen.com**

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

11
12 **1-07.18 Public Liability and Property Damage Insurance**

13
14 Delete this section in its entirety, and replace it with the following:

15
16 **1-07.18 Insurance**

17 *(December 30, 2022 APWA GSP)*

18
19 **1-07.18(1) General Requirements**

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

1 to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion,
2 procure or renew such insurance and pay any and all premiums in connection therewith, with any
3 sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the
4 Contracting Agency, offset against funds due the Contractor from the Contracting Agency.

5
6 H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract
7 and no additional payment will be made.

8
9 **1-07.18(2) Additional Insured**

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

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

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

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

23
24 **1-07.18(3) Subcontractors**

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

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

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

38
39 **1-07.18(4) Verification of Coverage**

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

46
47 Verification of coverage shall include:

- 48 1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
- 49 2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as
50 additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket
51 additional insured clause from its policies instead of a separate endorsement.

- 1 3. Any other amendatory endorsements to show the coverage required herein.
2 4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these
3 requirements – actual endorsements must be submitted.
4

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

10 **1-07.18(5) Coverages and Limits**

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

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

22 **1-07.18(5)A Commercial General Liability**

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

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

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

35 Such policy must provide the following minimum limits:

36	\$1,000,000	Each Occurrence
37	\$2,000,000	General Aggregate
38	\$2,000,000	Products & Completed Operations Aggregate
39	\$1,000,000	Personal & Advertising Injury each offence
40	\$1,000,000	Stop Gap / Employers' Liability each accident

41 **1-07.18(5)B Automobile Liability**

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

47 Such policy must provide the following minimum limit:

48	\$1,000,000	Combined single limit each accident
----	-------------	-------------------------------------

49 **1-07.18(5)C Workers' Compensation**
50

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

3 4 **1-08, PROSECUTION AND PROGRESS**

5 6 **1-08.0 Preliminary Matters** 7 (May 25, 2006 APWA GSP)

8
9 Add the following new section:

10 11 **1-08.0(1) Preconstruction Conference** 12 (October 10, 2008 APWA GSP)

13
14 Prior to the Contractor beginning the work, a preconstruction conference will be held between the
15 Contractor, the Engineer and such other interested parties as may be invited. The purpose of the
16 preconstruction conference will be:

- 17 1. To review the initial progress schedule;
- 18 2. To establish a working understanding among the various parties associated or affected by the
19 work;
- 20 3. To establish and review procedures for progress payment, notifications, approvals, submittals,
21 etc.;
- 22 4. To establish normal working hours for the work;
- 23 5. To review safety standards and traffic control; and
- 24 6. To discuss such other related items as may be pertinent to the work.

25
26 The Contractor shall prepare and submit at the preconstruction conference the following:

- 27 1. A breakdown of all lump sum items;
- 28 2. A preliminary schedule of working drawing submittals; and
- 29 3. A list of material sources for approval if applicable.

30
31 Add the following new section:

32 33 **1-08.0(2) Hours of Work** 34 (December 8, 2014 APWA GSP)

35
36 Except in the case of emergency or unless otherwise approved by the Engineer, the normal working
37 hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m.
38 Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the
39 normal working hours stated above, the request must be submitted in writing prior to the
40 preconstruction conference, subject to the provisions below. The working hours for the Contract
41 shall be established at or prior to the preconstruction conference.

42
43 All working hours and days are also subject to local permit and ordinance conditions (such as noise
44 ordinances).

45
46 If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a
47 written request to the Engineer for consideration. This request shall state what hours are being
48 requested, and why. Requests shall be submitted for review no later than 3 working days prior to the
49 day(s) the Contractor is requesting to change the hours.

1
2 If the Contracting Agency approves such a deviation, such approval may be subject to certain other
3 conditions, which will be detailed in writing. For example:

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

19 **1-08.1 Subcontracting**

20 *(December 30, 2022 APWA GSP, Option A)*

21
22
23 Section 1-08.1 is supplemented with the following:
24

25 Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to
26 the Engineer a certification (WSDOT Form 420-004) that a written agreement between the
27 Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor
28 has been executed. This certification shall also guarantee that these subcontract agreements
29 include all the documents required by the Special Provision Federal Agency Inspection.
30

31 A subcontractor or lower tier subcontractor will not be permitted to perform any work under the
32 contract until the following documents have been completed and submitted to the Engineer:
33

- 34 1. Request to Sublet Work (WSDOT Form 421-012), and
- 35
36 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects
37 (WSDOT Form 420-004).
38

39 The Contractor shall submit to the Engineer a completed Monthly Retainage Report (WSDOT Form
40 272-065) within 15 calendar days after receipt of every monthly progress payment until every
41 subcontractor and lower tier subcontractor's retainage has been released.
42

43 The Contractor's records pertaining to the requirements of this Special Provision shall be open to
44 inspection or audit by representatives of the Contracting Agency during the life of the contract and
45 for a period of not less than three years after the date of acceptance of the contract. The Contractor
46 shall retain these records for that period. The Contractor shall also guarantee that these records of
47 all subcontractors and lower tier subcontractors shall be available and open to similar inspection or
48 audit for the same time period.

1
2 **1-08.3(2)A Type A Progress Schedule**
3 *(December 30, 2022 APWA GSP)*
4

5 Revise this section to read:

6
7 The Contractor shall submit \$\$\$ copies of a Type A Progress Schedule no later than at the
8 preconstruction conference, or some other mutually agreed upon submittal time. The schedule may
9 be a critical path method (CPM) schedule, bar chart, or other standard schedule format. Regardless
10 of which format used, the schedule shall identify the critical path. The Engineer will evaluate the
11 Type A Progress Schedule and approve or return the schedule for corrections within 15 calendar
12 days of receiving the submittal.
13

14 **1-08.4 Prosecution of Work**

15
16 Delete this section and replace it with the following:
17

18 **1-08.4 Notice to Proceed and Prosecution of Work**
19 *(July 23, 2015 APWA GSP)*
20

21 Notice to Proceed will be given after the contract has been executed and the contract bond and
22 evidence of insurance have been approved and filed by the Contracting Agency. The Contractor
23 shall not commence with the work until the Notice to Proceed has been given by the Engineer. The
24 Contractor shall commence construction activities on the project site within ten days of the Notice to
25 Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the
26 work to the physical completion date within the time specified in the contract. Voluntary shutdown
27 or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to
28 complete the work within the time(s) specified in the contract.
29

30 When shown in the Plans, the first order of work shall be the installation of high visibility fencing to
31 delineate all areas for protection or restoration, as described in the Contract. Installation of high
32 visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and
33 traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor
34 shall request the Engineer to inspect the fence. No other work shall be performed on the site until
35 the Contracting Agency has accepted the installation of high visibility fencing, as described in the
36 Contract.
37

38 **1-08.5 Time for Completion**
39 *(December 30, 2022 APWA GSP, Option B)*
40

41 Revise the third and fourth paragraphs to read:

42
43 Contract time shall begin on the first working day following the \$14th calendar day after the
44 Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then contract
45 time shall begin on the first working day when onsite work begins.
46

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

1 Determination by the Engineer. If the Contractor does not agree with the Written Determination of
2 working days, the Contractor shall pursue the protest procedures in accordance with Section 1-
3 04.5. By failing to follow the procedures of Section 1-04.5, the Contractor shall be deemed as
4 having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and
5 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would
6 ordinarily be charged as a working day, then the fifth day of that week will be charged as a working
7 day whether or not the Contractor works on that day.

8
9 Revise the sixth paragraph to read:

10
11 The Engineer will give the Contractor written notice of the completion date of the contract after all
12 the Contractor's obligations under the contract have been performed by the Contractor. The
13 following events must occur before the Completion Date can be established:

- 14 1. The physical work on the project must be complete; and
- 15 2. The Contractor must furnish all documentation required by the contract and required by law, to
16 allow the Contracting Agency to process final acceptance of the contract. The following
17 documents must be received by the Project Engineer prior to establishing a completion date:
 - 18 a. Certified Payrolls (per Section 1-07.9(5)).
 - 19 b. Material Acceptance Certification Documents
 - 20 c. Monthly Reports of Amounts Credited as DBE Participation, as required by the Contract
21 Provisions.
 - 22 d. Final Contract Voucher Certification
 - 23 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all
24 subcontractors
 - 25 f. A copy of the Notice of Termination sent to the Washington State Department of Ecology
26 (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of
27 Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This
28 requirement will not apply if the Construction Stormwater General Permit is transferred back
29 to the Contracting Agency in accordance with Section 8-01.3(16).
 - 30 g. Property owner releases per Section 1-07.24

31
32 (March 13, 1995)

33 This project shall be physically completed within *** 2 *** working days.

34 35 **1-08.9 Liquidated Damages**

36 *(March 3, 2021 APWA GSP, Option B)*

37
38 Revise the second and third paragraphs to read:

39
40 Accordingly, the Contractor agrees:

- 41
42 1. To pay (according to the following formula) liquidated damages for each working day
43 beyond the number of working days established for Physical Completion, and
44
- 45 2. To authorize the Engineer to deduct these liquidated damages from any money due or
46 coming due to the Contractor.

47 48 **Liquidated Damages Formula**

49
50 $LD=0.15C/T$

1 Where:
2

3 LD = liquidated damages per working day (rounded to the nearest dollar)

4 C = original Contract amount

5 T = original time for Physical Completion
6

7 When the Contract Work has progressed to Substantial Completion as defined in the Contract, the
8 Engineer may determine the Contract Work is Substantially Complete. The Engineer will notify the
9 Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring
10 after the date so established, the formula for liquidated damages shown above will not apply. For
11 overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall
12 be assessed on the basis of direct engineering and related costs assignable to the project until the
13 actual Physical Completion Date of all the Contract Work. The Contractor shall complete the
14 remaining Work as promptly as possible. Upon request by the Project Engineer, the Contractor
15 shall furnish a written schedule for completing the physical Work on the Contract.
16
17

18 **1-09, MEASUREMENT AND PAYMENT**

19 **1-09.9 Payments**

20 *(December 30, 2022 APWA GSP)*
21
22

23 Section 1-09.9 is revised to read:
24

25 The basis of payment will be the actual quantities of Work performed according to the Contract and
26 as specified for payment.
27

28 The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction
29 Conference, to enable the Project Engineer to determine the Work performed on a monthly basis. A
30 breakdown is not required for lump sum items that include a basis for incremental payments as part
31 of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make a
32 determination based on information available. The Project Engineer's determination of the cost of
33 work shall be final.
34

35 Progress payments for completed work and material on hand will be based upon progress
36 estimates prepared by the Engineer. A progress estimate cutoff date will be established at the
37 preconstruction conference.
38

39 The initial progress estimate will be made not later than 30 days after the Contractor commences
40 the work, and successive progress estimates will be made every month thereafter until the
41 Completion Date. Progress estimates made during progress of the work are tentative, and made
42 only for the purpose of determining progress payments. The progress estimates are subject to
43 change at any time prior to the calculation of the final payment.
44

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

- 46 1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work
47 completed multiplied by the unit price.
- 48 2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum
49 breakdown for that item, or absent such a breakdown, based on the Engineer's determination.

- 1 3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other
2 storage area approved by the Engineer.
- 3 4. Change Orders — entitlement for approved extra cost or completed extra work as determined
4 by the Engineer.
- 5

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

- 7 1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
- 8 2. The amount of progress payments previously made; and
- 9 3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract
10 Documents.
- 11

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

15
16 Failure to perform obligations under the Contract by the Contractor may be decreed by the
17 Contracting Agency to be adequate reason for withholding any payments until compliance is
18 achieved.

19
20 Upon completion of all Work and after final inspection (Section 1-05.11), the amount due the
21 Contractor under the Contract will be paid based upon the final estimate made by the Engineer and
22 presentation of a Final Contract Voucher Certification to be signed by the Contractor. The
23 Contractor's signature on such voucher shall be deemed a release of all claims of the Contractor
24 unless a Certified Claim is filed in accordance with the requirements of Section 1-09.11 and is
25 expressly excepted from the Contractor's certification on the Final Contract Voucher Certification.
26 The date the Contracting Agency signs the Final Contract Voucher Certification constitutes the final
27 acceptance date (Section 1-05.12).

28
29 If the Contractor fails, refuses, or is unable to sign and return the Final Contract Voucher
30 Certification or any other documentation required for completion and final acceptance of the
31 Contract, the Contracting Agency reserves the right to establish a Completion Date (for the purpose
32 of meeting the requirements of RCW 60.28) and unilaterally accept the Contract. Unilateral final
33 acceptance will occur only after the Contractor has been provided the opportunity, by written
34 request from the Engineer, to voluntarily submit such documents. If voluntary compliance is not
35 achieved, formal notification of the impending establishment of a Completion Date and unilateral
36 final acceptance will be provided by email with delivery confirmation from the Contracting Agency to
37 the Contractor, which will provide 30 calendar days for the Contractor to submit the necessary
38 documents. The 30 calendar day period will begin on the date the email with delivery confirmation is
39 received by the Contractor. The date the Contracting Agency unilaterally signs the Final Contract
40 Voucher Certification shall constitute the Completion Date and the final acceptance date (Section 1-
41 05.12). The reservation by the Contracting Agency to unilaterally accept the Contract will apply to
42 Contracts that are Physically Completed in accordance with Section 1-08.5, or for Contracts that
43 are terminated in accordance with Section 1-08.10. Unilateral final acceptance of the Contract by
44 the Contracting Agency does not in any way relieve the Contractor of their responsibility to comply
45 with all Federal, State, tribal, or local laws, ordinances, and regulations that affect the Work under
46 the Contract.

47
48 Payment to the Contractor of partial estimates, final estimates, and retained percentages shall be
49 subject to controlling laws.

1 **1-09.11 Disputes and Claims**

2
3 **1-09.11(3) Time Limitation and Jurisdiction**
4 *(December 30, 2022 APWA GSP)*

5
6 Revise this section to read:

7
8 For the convenience of the parties to the Contract it is mutually agreed by the parties that all claims
9 or causes of action which the Contractor has against the Contracting Agency arising from the
10 Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-
11 05.12) of the Contract by the Contracting Agency; and it is further agreed that all such claims or
12 causes of action shall be brought only in the Superior Court of the county where the Contracting
13 Agency headquarters is located, provided that where an action is asserted against a county, RCW
14 36.01.050 shall control venue and jurisdiction. The parties understand and agree that the
15 Contractor’s failure to bring suit within the time period provided, shall be a complete bar to all such
16 claims or causes of action. It is further mutually agreed by the parties that when claims or causes of
17 action which the Contractor asserts against the Contracting Agency arising from the Contract are
18 filed with the Contracting Agency or initiated in court, the Contractor shall permit the Contracting
19 Agency to have timely access to all records deemed necessary by the Contracting Agency to assist
20 in evaluating the claims or action.
21

22 **1-09.13 Claims Resolution**

23
24 **1-09.13(3)A Arbitration General**
25 *(January 19, 2022 APWA GSP)*

26
27 Revise the third paragraph to read:

28
29 The Contracting Agency and the Contractor mutually agree to be bound by the decision of the
30 arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior
31 Court of the county in which the Contracting Agency’s headquarters is located, provided that where
32 claims subject to arbitration are asserted against a county, RCW 36.01.050 shall control venue and
33 jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the
34 decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.
35

36 **1-09.13(4) Venue for Litigation**
37 *(December 30, 2022 APWA GSP)*

38
39 Revise this section to read:

40
41 Litigation shall be brought in the Superior Court of the county in which the Contracting Agency’s
42 headquarters is located, provided that where claims are asserted against a county, RCW 36.01.050
43 shall control venue and jurisdiction of the Superior Court. It is mutually agreed by the parties that
44 when litigation occurs, the Contractor shall permit the Contracting Agency to have timely access to
45 all records deemed necessary by the Contracting Agency to assist in evaluating the claims or
46 action.
47

48 **1-10, TEMPORARY TRAFFIC CONTROL**

49
50 **1-10.2 Traffic Control Management**

1 **1-10.2(1) General**

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

3
4 (October 3, 2022)

5 The Traffic Control Supervisor shall be certified by one of the following:

6
7 The Northwest Laborers-Employers Training Trust
8 27055 Ohio Ave.
9 Kingston, WA 98346
10 (360) 297-3035
11 <https://www.nwlett.edu>

12
13 Evergreen Safety Council
14 12545 135th Ave. NE
15 Kirkland, WA 98034-8709
16 1-800-521-0778
17 <https://www.esc.org>

18
19 The American Traffic Safety Services Association
20 15 Riverside Parkway, Suite 100
21 Fredericksburg, Virginia 22406-1022
22 Training Dept. Toll Free (877) 642-4637
23 Phone: (540) 368-1701
24 <https://atssa.com/training>

25
26 Integrity Safety
27 13912 NE 20th Ave.
28 Vancouver, WA 98686
29 (360) 574-6071
30 <https://www.integritysafety.com>

31
32 US Safety Alliance
33 (904) 705-5660
34 <https://www.ussafetyalliance.com>

35
36 K&D Services Inc.
37 2719 Rockefeller Ave.
38 Everett, WA 98201
39 (800) 343-4049
40 <https://www.kndservices.net>

41
42 **1-10.2(2) Traffic Control Plans**

43 (*****)

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

45
46 The Contractor shall submit a traffic control plan for a single lane two-way traffic detour adjacent to
47 the construction area prior to construction as a Type 2 working drawing. Two-way traffic shall be
48 restored during non-working hours. All signs and traffic control devices required for this project shall
49 be the Contractor's responsibility to furnish, erect, maintain, and remove immediately after
50 construction.
51

1 If determined by the Engineer that additional signing (not shown on the Traffic Control Plan) is
2 needed, it shall be the Contractor's responsibility to furnish, erect, and maintain these additional
3 signs at no cost to the Contracting Agency.

4
5 **1-10.2(3) Conformance to Established Standards**

6 (*****)

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

8
9 The latest revision of the WSDOT Manual M54-44 "Work Zone Traffic Control Guidelines"
10 (WZTCG) is hereby made a part of this contract by reference as if contained fully herein.

11
12 **1-10.4 Measurement**

13
14 **1-10.4(1) Lump Sum Bid for Project (No Unit Items)**

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

16
17 (*****)

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

20
21
22 **DIVISION 5**
23 **SURFACE TREATMENTS AND PAVEMENTS**

24
25 **5-04, HOT MIX ASPHALT**

26 (LCPW GSP)

27
28 Delete Section 5-04 and amendments, Hot Mix Asphalt and replace it with the following:

29
30 **5-04.1 Description**

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

34
35 HMA shall be composed of asphalt binder and mineral materials as may be required, mixed in the
36 proportions specified to provide a homogeneous, stable, and workable mixture.

37
38 The term "Approach" shall include Road approaches, driveways, and extensions.

39
40 **Superintendents, Labor, and Equipment of Contractor**

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

- 43
44 One paving superintendent
45 One paver operator
46 Two screed operators
47 Three roller operators
48 Two rakers
49

1 These workers shall be present and not assigned to dual activities that would stop them from fulfilling
2 their assigned task while the paver is in operation. There will be one assigned supervisor who will be in
3 charge of paving operations and who will be responsible for work performed.
4

5 **Fiber Reinforced HMA:**

6
7 This work shall consist of providing and placing Fiber Reinforced HMA in accordance with these
8 Specifications and the lines, grades, thicknesses and typical cross-sections shown in the plans.
9

10 **Definitions:**

- 11 • Reinforcing Fibers: High tensile strength synthetic aramid fiber blend specially formulated to
12 reinforce hot mix asphalt.
- 13 • Fiber Reinforced Asphalt Concrete (FRAC): A mixture of hot mix asphalt and reinforcing fibers
14 that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking
15 as compared to conventional non-fiber asphalt mixes.
- 16 • Aramid Dispersion State Ratio (ADSR): A measure of the dispersion efficiency of the Reinforcing
17 Fibers within asphalt mixes. ADSR is calculated by comparing the mass of aramid in the individual
18 state to the total mass of extracted aramid fibers, expressed as a percentage.
19

20 **5-04.2 Materials**

21 Materials shall meet the requirements of the following sections:
22

23	Asphalt Binder	9-02.1(4)
24	Cationic Emulsified Asphalt	9-02.1(6)
25	Anti-Stripping Additive	9-02.4
26	HMA Additive	9-02.5
27	Aggregates	9-03.8
28	Recycled Asphalt Pavement	9-03.8(3)B
29	Mineral Filler	9-03.8(5)
30	Recycled Material	9-03.21
31	Portland Cement	9-01
32	Sand	9-03.1(2)
33	<i>(As noted in 5-04.3(5)C for crack sealing)</i>	
34	Joint Sealant	9-04.2
35	Foam Backer Rod	9-04.2(3)A

36
37 The Contract documents may establish that the various mineral materials required for the manufacture
38 of HMA will be furnished in whole or in part by the Contracting Agency. If the documents do not establish
39 the furnishing of any of these mineral materials by the Contracting Agency, the Contractor shall be
40 required to furnish such materials in the amounts required for the designated mix. Mineral materials
41 include coarse and fine aggregates, and mineral filler.
42

43 No recycled asphalt pavement (RAP) may be used in the production of HMA for wearing course.
44

45 The grade of asphalt binder shall be as required by the Contract. Blending of asphalt binder from different
46 sources is not permitted.
47

1 Production of aggregates shall comply with the requirements of Section 3-01. Preparation of stockpile
 2 site, the stockpiling of aggregates, and the removal of aggregates from stockpiles shall comply with the
 3 requirements of Section 3-02.
 4

5 **Reinforcing Fibers:**

- 6
 7 1. Provide a reinforcing fiber blend of virgin polyolefins and virgin aramids that meets the
 8 requirements in Table 1 and Table 2 below:
 9
 10
 11

12 **Table 1**

Reinforcing Fiber Material Properties			
Property	Standard	Polyolefin	Aramid
Form	Manufacturer Certification	Serrated	Monofilament
Nominal Specific Gravity	ASTM D276	0.91	1.44
Tensile Strength (psi)	ASTM D7269	NA ¹	400,000
Length (in)	Manufacturer Certification	0.75	0.75

13 *1. Polyolefin fibers will melt or become plastically deformed during production*

14 **Table 2**

Reinforcing Fiber Performance Properties			
Performance Measure	Test Method	Standard	Requirement
Dispersion Efficiency	Aramid Dispersion State Ratio (ADSR)	Modified ASTM D2172	≥ 85%
Field Performance Cracking Resistance	Pavement Condition Index	ASTM D6433	≥ 10 PCI Points increase, Minimum 4 years
Resistance to Permanent Deformation (Rutting)	Flow Number (FN)	AASHTO TP79	≥ 75% increase

- 15
 16 2. If an aramid-based fiber blend is proposed that does not meet all of the material properties in
 17 Table 1 above, performance test results meeting Table 2 above and complying with Part 2 of
 18 Section 5-04.2(2) below a substitute fiber blend shall be submitted at least one week prior to bid
 19 date for approval by engineer.
 20

- 21 3. Non-aramid fiber blends will not be considered as acceptable alternatives to this specification
 22

23 **5-04.2(1) How to Get a HMA Mix Design on the QPL**

24
 25 If the contractor wishes to submit a mix design for inclusion in the Qualified Products List (QPL),
 26 please follow the WSDOT process outlined in Standard Specification 5-04.2(1).
 27

28 **5-04.2(2) Mix Design – Obtaining Project Approval**

29 No paving shall begin prior to the approval of the mix design by the Engineer.
 30

31 **ESAL's**

32 The number of ESAL's for the design and acceptance of the HMA shall be *** 1.0 *** million.

1
2 **Nonstatistical** evaluation will be used for all HMA not designated as Commercial HMA in the contract
3 documents.

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

12
13 **Nonstatistical Mix Design.** Fifteen days prior to the first day of paving the contractor shall provide
14 one of the following mix design verification certifications for Contracting Agency review;
15

- 16 • The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or one of the mix
17 design verification certifications listed below.
- 18 • The proposed HMA mix design on WSDOT Form 350-042 with the seal and certification
19 (stamp & signature) of a valid licensed Washington State Professional Engineer.
- 20 • The Mix Design Report for the proposed HMA mix design developed by a qualified City or
21 County laboratory that is within one year of the approval date.**
22

23 The mix design shall be performed by a lab accredited by a national authority such as Laboratory
24 Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials
25 Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall supply
26 evidence of participation in the AASHTO: resource proficiency sample program.
27

28 Mix designs for HMA accepted by Nonstatistical evaluation shall;
29

- 30 • Have the aggregate structure and asphalt binder content determined in accordance with
31 WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-03.8(2),
32 except that Hamburg testing for ruts and stripping are at the discretion of the Engineer, and
33 9-03.8(6).
- 34 • Have anti-strip requirements, if any, for the proposed mix design determined in accordance
35 with AASHTO T 283 or T 324, or based on historic anti-strip and aggregate source
36 compatibility from previous WSDOT lab testing.
37

38 At the discretion of the Engineer, agencies may accept verified mix designs older than 12 months
39 from the original verification date with a certification from the Contractor that the materials and
40 sources are the same as those shown on the original mix design.
41

42 **Commercial Evaluation** Approval of a mix design for "Commercial Evaluation" will be based on a
43 review of the Contractor's submittal of WSDOT Form 350-042 (For commercial mixes, AASHTO T
44 324 evaluation is not required) or a Mix Design from the current WSDOT QPL or from one of the
45 processes allowed by this section. Testing of the HMA by the Contracting Agency for mix design
46 approval is not required.
47

48 For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and design level of
49 Equivalent Single Axle Loads (ESAL's) appropriate for the required use.
50

1 **Reinforcing Fibers:**

2

3 1. Submit the following prior to Construction:

- 4
- 5 a. Representative fiber product sample.
- 6 b. Fiber product data sheet and certification from the Manufacturer that the fiber product
- 7 supplied meets the requirements of this specification.
- 8 c. Manufacturer's instructions and general recommendations.
- 9 d. Performance test results of ADSR testing from a minimum of three separate laboratory
- 10 trials to validate dispersion efficiency.
- 11 e. Performance results of PCI testing from a minimum of three separate field trials to validate
- 12 cracking resistance.
- 13 f. Performance test results of FN testing from a minimum of three separate laboratory trials
- 14 to validate rutting resistance.
- 15 g. A minimum of five unique project examples and references where the reinforcing fiber
- 16 product was used within 250 miles of the project location

17 ****NOTE: Testing is NOT required on samples from the job mix. Submit previously**

18 **completed lab testing only.**

19

20 2. Performance testing requirements

21

22 All historical test results submitted to validate the fiber's performance in asphalt mixes shall

23 be from previously completed laboratory and field trials using plant-mixed FRAC only. **Testing**

24 **is NOT required on samples from the job mix.**

25

26 Performance testing must be from laboratory trials at a fiber dosage rate equal to the rate

27 proposed for the project. Tests must be performed by an AASHTO accredited laboratory or

28 nationally recognized university testing lab and must be reviewed and approved by the project

29 engineer.

- 30
- 31 a. Aramid Dispersion State Ratio (ADSR) Tests from a minimum of three (3) separate
- 32 laboratory trials.
- 33 1. Perform ADSR test based on modified ASTM D2172 procedures as provided in the
- 34 document entitled "Extraction of Aramid Fibers from Fiber Reinforced Asphalt
- 35 Concrete – Special Test Method". A copy of the modified extraction methodology can
- 36 be obtained by making an inquiry to the Pavement and Materials Laboratory at Arizona
- 37 State University at NCE@asu.edu.
- 38 2. To validate ADSR results, average extracted aramid fiber quantity must equal 0.007
- 39 percent by total sample weight with no individual result less than 0.005 percent of the
- 40 total sample weight.
- 41 3. All tested fiber mixes must achieve a minimum ADSR of 85%.
- 42
- 43 b. Pavement Condition Index (PCI) side by side comparison from a minimum of three (3)
- 44 field trails with a minimum in-service pavement age of four years.
- 45 1. PCI surveys shall be performed according to ASTM D6433.
- 46 2. Tests results shall include a control and a fiber reinforced pavement section. FRAC
- 47 mix shall be identical to control mix except for the inclusion of fibers added at the same
- 48 dosage as proposed on the project.

3. In field performance sections shall be subject to the same environmental and traffic conditions. A minimum surface area of 500 yd² per FRAC and control section is required.
 4. PCI results from fiber sections shall show a minimum 10 PCI points greater than the control section after a minimum of 4 years.
- c. Flow Number (FN) Tests from a minimum of three (3) separate laboratory trials.
1. Perform FN tests using the protocol from AASHTO TP79.
 2. Tests results shall include a control and a fiber reinforced mix. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
 3. Results from fiber specimens shall show an average FN increase of at least 75% over control specimens.

5-04.3 Construction Requirements

5-04.3(1) Weather Limitations

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

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

Minimum Surface Temperature for Paving

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

5-04.3(2) Paving Under Traffic

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

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

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

1 During paving operations, temporary pavement markings shall be maintained throughout the project.
2 Temporary pavement markings shall be installed on the Roadway prior to opening to traffic.
3 Temporary pavement markings shall be in accordance with Section 8-23.
4

5 All costs in connection with performing the Work in accordance with these requirements shall be
6 included in the unit Contract prices for the various Bid items involved in the Contract.
7

8 **5-04.3(3) Equipment**

9 **5-04.3(3)A Mixing Plant**

10 Plants used for the preparation of HMA shall conform to the following requirements:
11
12

- 13 **1. Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt binder
14 shall be equipped to heat and hold the material at the required temperatures. The heating
15 shall be accomplished by steam coils, electricity, or other approved means so that no flame
16 shall be in contact with the storage tank. The circulating system for the asphalt binder shall
17 be designed to ensure proper and continuous circulation during the operating period. A
18 valve for the purpose of sampling the asphalt binder shall be placed in either the storage
19 tank or in the supply line to the mixer.
- 20 **2. Thermometric Equipment** – An armored thermometer, capable of detecting temperature
21 ranges expected in the HMA mix, shall be fixed in the asphalt binder feed line at a location
22 near the charging valve at the mixer unit. The thermometer location shall be convenient
23 and safe for access by Inspectors. The plant shall also be equipped with an approved dial-
24 scale thermometer, a mercury actuated thermometer, an electric pyrometer, or another
25 approved thermometric instrument placed at the discharge chute of the drier to
26 automatically register or indicate the temperature of the heated aggregates. This device
27 shall be in full view of the plant operator.
- 28 **3. Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed the
29 maximum recommended by the asphalt binder manufacturer nor shall it be below the
30 minimum temperature required to maintain the asphalt binder in a homogeneous state. The
31 asphalt binder shall be heated in a manner that will avoid local variations in heating. The
32 heating method shall provide a continuous supply of asphalt binder to the mixer at a uniform
33 average temperature with no individual variations exceeding 25°F. Also, when a WMA
34 additive is included in the asphalt binder, the temperature of the asphalt binder shall not
35 exceed the maximum recommended by the manufacturer of the WMA additive.
- 36 **4. Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a
37 mechanical sampler for the sampling of the mineral materials. The mechanical sampler
38 shall meet the requirements of Section 1-05.6 for the crushing and screening operation.
39 The Contractor shall provide for the setup and operation of the field testing facilities of the
40 Contracting Agency as provided for in Section 3-01.2(2).
- 41 **5. Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following
42 methods:
 - 43 a. A mechanical sampling device attached to the HMA plant.
 - 44 b. Platforms or devices to enable sampling from the hauling vehicle without entering the
45 hauling vehicle.

1 **5-04.3(3)B Hauling Equipment**

2 Trucks used for hauling HMA shall have tight, clean, smooth metal beds and shall have a cover
3 of canvas or other suitable material of sufficient size to protect the mixture from adverse weather.
4 Whenever the weather conditions during the work shift include, or are forecast to include,
5 precipitation or an air temperature less than 45°F or when time from loading to unloading exceeds
6 30 minutes, the cover shall be securely attached to protect the HMA.

7
8 The contractor shall provide an environmentally benign means to prevent the HMA mixture from
9 adhering to the hauling equipment. Excess release agent shall be drained prior to filling hauling
10 equipment with HMA. Petroleum derivatives or other coating material that contaminate or alter
11 the characteristics of the HMA shall not be used. For live bed trucks, the conveyer shall be in
12 operation during the process of applying the release agent.

13
14 **5-04.3(3)C Pavers**

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

18
19 The HMA paver shall be in good condition and shall have the most current equipment available
20 from the manufacturer for the prevention of segregation of the HMA mixture installed, in good
21 condition, and in working order. The equipment certification shall list the make, model, and year
22 of the paver and any equipment that has been retrofitted.

23
24 The screed shall be operated in accordance with the manufacturer's recommendations and shall
25 effectively produce a finished surface of the required evenness and texture without tearing,
26 shoving, segregating, or gouging the mixture. A copy of the manufacturer's recommendations
27 shall be provided upon request by the Contracting Agency. Extensions will be allowed provided
28 they produce the same results, including ride, density, and surface texture as obtained by the
29 primary screed. Extensions without augers and an internally heated vibratory screed shall not be
30 used in the Traveled Way.

31
32 When specified in the Contract, reference lines for vertical control will be required. Lines shall be
33 placed on both outer edges of the Traveled Way of each Roadway. Horizontal control utilizing the
34 reference line will be permitted. The grade and slope for intermediate lanes shall be controlled
35 automatically from reference lines or by means of a mat referencing device and a slope control
36 device. When the finish of the grade prepared for paving is superior to the established tolerances
37 and when, in the opinion of the Engineer, further improvement to the line, grade, cross-section,
38 and smoothness can best be achieved without the use of the reference line, a mat referencing
39 device may be substituted for the reference line. Substitution of the device will be subject to the
40 continued approval of the Engineer. A joint matcher may be used subject to the approval of the
41 Engineer. The reference line may be removed after the completion of the first course of HMA
42 when approved by the Engineer. Whenever the Engineer determines that any of these methods
43 are failing to provide the necessary vertical control, the reference lines will be reinstalled by the
44 Contractor.

45
46 The Contractor shall furnish and install all pins, brackets, tensioning devices, wire, and
47 accessories necessary for satisfactory operation of the automatic control equipment.

1 If the paving machine in use is not providing the required finish, the Engineer may suspend Work
2 as allowed by Section 1-08.6. Any cleaning or solvent type liquids spilled on the pavement shall
3 be thoroughly removed before paving proceeds.
4

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

6 When used, the MTV shall mix the HMA after delivery by the hauling equipment and prior to
7 laydown by the paving machine. Mixing of the HMA shall be sufficient to obtain a uniform
8 temperature throughout the mixture.
9

10 To be approved for use, an MTV:

- 11
- 12 1. Shall be self-propelled vehicle, separate from the hauling vehicle or paver.
- 13 2. Shall not be connected to the hauling vehicle or paver.
- 14 3. May accept HMA directly from the haul vehicle.
- 15 4. Shall mix the HMA after delivery by the hauling equipment and prior to placement into
16 the paving machine.
- 17 5. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.
18

19 Direct transfer of the HMA mixture from the hauling equipment to the paving machine will not be
20 allowed. The Contractor shall use a self-propelled material transfer vehicle (MTV) to deliver the
21 HMA mixture from the hauling equipment to the paving machine when placing HMA pavement on
22 travel lanes and shoulders, when shoulders are paved in conjunction with travel lanes. A material
23 transfer vehicle is not required for small quantities such as driveways and is optional for shoulders
24 that are paved separately from the driving lane(s). A windrow elevator is not acceptable as a
25 transfer device.
26

27 The transfer vehicle's holding hopper shall have a minimum capacity of 15 tons. The material
28 transfer vehicle shall mix the HMA after delivery by the hauling equipment but prior to lay down
29 by the paving machine. Mixing of the HMA material shall be sufficient to obtain a consistent
30 temperature throughout the mixture. If a transfer vehicle does not have holding or mixing
31 capabilities, the paving machine shall be fitted with a holding and mixing hopper having a
32 minimum capacity of 15 tons.
33

34 Prior to use, the Contractor shall submit the manufacturer and model number of the equipment to
35 the Engineer for review and approval. All costs to incorporate the material transfer device or
36 vehicle into the paving train shall be included in the unit contract price for the HMA.
37

38 The Contractor shall deliver the mixture to the paving machine at a rate that provides continuous
39 operation of the paving machine, except for unavoidable delay or breakdown. If excessive
40 stopping of the paving machine occurs during paving operations, the Engineer may suspend
41 paving operations until the mixture deliver rate matches the paving machine operation.
42

43 **5-04.3(3)E Rollers**

44 Rollers shall be of the steel wheel, vibratory, oscillatory, or pneumatic tire type, in good condition
45 and capable of reversing without backlash. Operation of the roller shall be in accordance with the
46 manufacturer's recommendations. When ordered by the Engineer for any roller planned for use
47 on the project, the Contractor shall provide a copy of the manufacturer's recommendation for the
48 use of that roller for compaction of HMA. The number and weight of rollers shall be sufficient to
49 compact the mixture in compliance with the requirements of Section 5-04.3(10). The use of

1 equipment that results in crushing of the aggregate will not be permitted. Rollers producing pickup,
2 washboard, uneven compaction of the surface, displacement of the mixture or other undesirable
3 results shall not be used.
4

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

6 When the surface of the existing pavement or old base is irregular, the Contractor shall bring it to a
7 uniform grade and cross-section as shown on the Plans or approved by the Engineer.
8

9 Preleveling of uneven or broken surfaces over which HMA is to be placed may be accomplished by
10 using an asphalt paver, a motor patrol grader, or by hand raking, as approved by the Engineer.
11

12 Compaction of preleveling HMA shall be to the satisfaction of the Engineer and may require the use
13 of small steel wheel rollers, plate compactors, or pneumatic rollers to avoid bridging across preleveled
14 areas by the compaction equipment. Equipment used for the compaction of preleveling HMA shall be
15 approved by the Engineer.
16

17 Before construction of HMA on an existing paved surface, the entire surface of the pavement shall
18 be clean. All fatty asphalt patches, grease drippings, and other objectionable matter shall be entirely
19 removed from the existing pavement. All pavements or bituminous surfaces shall be thoroughly
20 cleaned of dust, soil, pavement grindings, and other foreign matter. All holes and small depressions
21 shall be filled with an appropriate class of HMA. The surface of the patched area shall be leveled and
22 compacted thoroughly. Prior to the application of tack coat, or paving, the condition of the surface
23 shall be approved by the Engineer.
24

25 A tack coat of asphalt shall be applied to all paved surfaces on which any course of HMA is to be
26 placed or abutted; except that tack coat may be omitted from clean, newly paved surfaces at the
27 discretion of the Engineer. Tack coat shall be uniformly applied to cover the existing pavement with
28 a thin film of residual asphalt free of streaks and bare spots at a rate between 0.02 and 0.10 gallons
29 per square yard of retained asphalt. The rate of application shall be approved by the Engineer. A
30 heavy application of tack coat shall be applied to all joints. For Roadways open to traffic, the
31 application of tack coat shall be limited to surfaces that will be paved during the same working shift.
32 The spreading equipment shall be equipped with a thermometer to indicate the temperature of the
33 tack coat material.
34

35 Equipment shall not operate on tacked surfaces until the tack has broken and cured. If the
36 Contractor's operation damages the tack coat it shall be repaired prior to placement of the HMA.
37

38 The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h emulsified
39 asphalt may be diluted once with water at a rate not to exceed one part water to one part emulsified
40 asphalt. The tack coat shall have sufficient temperature such that it may be applied uniformly at the
41 specified rate of application and shall not exceed the maximum temperature recommended by the
42 emulsified asphalt manufacturer.
43

44 **5-04.3(4)A Crack Sealing**

45 **5-04.3(4)A1 General**

46 When the Proposal includes a pay item for crack sealing, seal all cracks $\frac{1}{4}$ inch in width and
47 greater. If the Proposal does not include an item for crack sealing or sealed joints it shall be
48 incidental to and included in the unit contract price per ton for the HMA
49

1
2 **Cleaning:** Ensure that cracks are thoroughly clean, dry and free of all loose and foreign
3 material when filling with crack sealant material. Use a hot compressed air lance to dry and
4 warm the pavement surfaces within the crack immediately prior to filling a crack with the
5 sealant material. Do not overheat pavement. Do not use direct flame dryers. Routing cracks
6 is not required.
7

8 **Sand Slurry:** For cracks that are to be filled with sand slurry, thoroughly mix the components
9 and pour the mixture into the cracks until full. Add additional CSS-1 cationic emulsified asphalt
10 to the sand slurry as needed for workability to ensure the mixture will completely fill the cracks.
11 Strike off the sand slurry flush with the existing pavement surface and allow the mixture to
12 cure. Top off cracks that were not completely filled with additional sand slurry. Do not place
13 the HMA overlay until the slurry has fully cured.
14

15 The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt,
16 approximately 2 percent portland cement, water (if required), and the remainder clean Class
17 1 or 2 fine aggregate per section 9-03.1(2). The components shall be thoroughly mixed and
18 then poured into the cracks and joints until full. The following day, any cracks or joints that are
19 not completely filled shall be topped off with additional sand slurry. After the sand slurry is
20 placed, the filler shall be struck off flush with the existing pavement surface and allowed to
21 cure. The HMA overlay shall not be placed until the slurry has fully cured. The requirements
22 of Section 1-06 will not apply to the portland cement and sand used in the sand slurry.
23

24 In areas where HMA will be placed, use sand slurry to fill the cracks.
25

26 In areas where HMA will not be placed, fill the cracks as follows:
27

- 28 1. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.
29 2. Cracks greater than 1 inch in width – fill with sand slurry.
30

31 **Hot Poured Sealant:** For cracks that are to be filled with hot poured sealant, apply the material
32 in accordance with these requirements and the manufacturer's recommendations. Furnish a
33 Type 1 Working Drawing of the manufacturer's product information and recommendations to
34 the Engineer prior to the start of work, including the manufacturer's recommended heating
35 time and temperatures, allowable storage time and temperatures after initial heating,
36 allowable reheating criteria, and application temperature range. Confine hot poured sealant
37 material within the crack. Clean any overflow of sealant from the pavement surface. If, in the
38 opinion of the Engineer, the Contractor's method of sealing the cracks with hot poured sealant
39 results in an excessive amount of material on the pavement surface, stop and correct the
40 operation to eliminate the excess material.
41

42 **5-04.3(4)A2 Crack Sealing Areas Prior to Paving**

43 In areas where HMA will be placed, use sand slurry to fill the cracks.
44

45 **5-04.3(4)A3 Crack Sealing Areas Not to be Paved**

46 In areas where HMA will not be placed, fill the cracks as follows:
47

- 48 1. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.

1 2. Cracks greater than 1 inch in width – fill with sand slurry.
2

3 **5-04.3(4)B Vacant**
4

5 **5-04.3(4)C Pavement Repair**

6 All planning bituminous pavement shall be complete before performing pavement repair. The
7 Contractor shall excavate pavement repair areas and shall backfill these with HMA in accordance
8 with the details shown in the Plans and as marked in the field. The Contractor shall conduct the
9 excavation operations in a manner that will protect the pavement that is to remain. Pavement not
10 designated to be removed that is damaged as a result of the Contractor's operations shall be
11 repaired by the Contractor to the satisfaction of the Engineer at no cost to the Contracting Agency.
12 The Contractor shall excavate only within one lane at a time unless approved otherwise by the
13 Engineer. The Contractor shall not excavate more area than can be completely finished during
14 the same shift, unless approved by the Engineer.
15

16 Unless otherwise shown in the Plans or determined by the Engineer, excavate to a depth of 1.0
17 feet. The Engineer will make the final determination of the excavation depth required. The
18 minimum width of any pavement repair area shall be 40 inches unless shown otherwise in the
19 Plans. Before any excavation, the existing pavement shall be sawcut or shall be removed by a
20 pavement grinder. Excavated materials will become the property of the Contractor and shall be
21 disposed of in a Contractor-provided site off the Right of Way or used in accordance with Sections
22 2-02.3(3) or 9-03.21.
23

24 Asphalt for tack coat shall be required as specified in Section 5-04.3(4). A heavy application of
25 tack coat shall be applied to all surfaces of existing pavement in the pavement repair area.
26

27 Placement of the HMA backfill shall be accomplished in lifts not to exceed 0.35-foot compacted
28 depth. Lifts that exceed 0.35-foot of compacted depth may be accomplished with the approval of
29 the Engineer. Each lift shall be thoroughly compacted by a mechanical tamper or a roller.
30

31 **5-04.3(5) Producing/Stockpiling Aggregates and RAP**

32 Aggregates and RAP shall be stockpiled according to the requirements of Section 3-02. Sufficient
33 storage space shall be provided for each size of aggregate and RAP. Materials shall be removed
34 from stockpile(s) in a manner to ensure minimal segregation when being moved to the HMA plant for
35 processing into the final mixture. Different aggregate sizes shall be kept separated until they have
36 been delivered to the HMA plant.
37

38 **5-04.3(5)A Vacant**
39

40 **5-04.3(6) Mixing**

41 After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping
42 additives have been introduced into the mixer the HMA shall be mixed until complete and uniform
43 coating of the particles and thorough distribution of the asphalt binder throughout the mineral
44 materials is ensured.
45

46 When discharged, the temperature of the HMA shall not exceed the optimum mixing temperature by
47 more than 25°F as shown on the reference mix design report or as approved by the Engineer. A
48 maximum water content of 2 percent in the mix, at discharge, will be allowed providing the water

1 causes no problems with handling, stripping, or flushing. If the water in the HMA causes any of these
2 problems, the moisture content shall be reduced as directed by the Engineer.
3

4 Storing or holding of the HMA in approved storage facilities will be permitted with approval of the
5 Engineer, but in no event shall the HMA be held for more than 24 hours. HMA held for more than 24
6 hours after mixing shall be rejected. Rejected HMA shall be disposed of by the Contractor at no
7 expense to the Contracting Agency. The storage facility shall have an accessible device located at
8 the top of the cone or about the third point. The device shall indicate the amount of material in storage.
9 No HMA shall be accepted from the storage facility when the HMA in storage is below the top of the
10 cone of the storage facility, except as the storage facility is being emptied at the end of the
11 working shift.
12

13 **Reinforcing Fibers**

- 14
15 1. Delivery & Storage: Deliver fiber-reinforcement to plant in sealed, undamaged containers
16 with labels intact and legible, indicating material name and lot number. Store materials
17 covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to
18 become wet.
19
- 20 2. Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound per
21 one (1) ton of asphalt.
22
- 23 3. Add alternative aramid fiber blends at a rate proposed by the manufacturer that achieves
24 the ADSR, PCI, and FN results required in Section 5-04.2.
25
- 26 4. Have a fiber manufacturer's representative on site during mixing and production. This
27 requirement can be waived if fiber manufacturer and asphalt producer can supply
28 evidence of manufacturer's brand of fiber being successfully produced a minimum of three
29 times at the asphalt plant to be used for the project.
30
- 31 5. Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper
32 and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed
33 before the injection of asphalt cement into the mixture.
34
- 35 6. Drum Plant:
 - 36 a. Inject fibers through the RAP collar by feeding them with a blower tube system. Rate
37 the feeding of fibers with the rate the plant is producing asphalt mix. If there is any
38 evidence of fiber balls at the discharge chute, increase the mixing time and/or
39 temperature or change the angle of the fiber feeder line to increase dry mixing time.
 - 40 b. When using a blower tube system, add fibers continuously and in a steady uniform
41 manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of
42 the mass of the fibers required. Perform an equipment calibration to the satisfaction of
43 the fiber manufacturer's representative to show that the fiber is being accurately
44 metered and uniformly distributed into the mix.

45 Include the following with the blower tube system:

- 46 • Low level indicators
- 47 • No-flow indicators
- 48 • A printout of feed rate status in pounds/minute
- 49 • A section of transparent pipe in the fiber supply line for observing consistency of
50 flow or feed.
51

- Manufacturer's representative's approval of fiber addition system

5-04.3(7) Spreading and Finishing

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

HMA Class 1"	0.35 feet
HMA Class ¾" and HMA Class ½"	
wearing course	0.30 feet
other courses	0.35 feet
HMA Class ⅜"	0.20 feet

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

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

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

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

5-04.3(9) HMA Mixture Acceptance

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

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

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

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

Reinforcing Fibers

1. Follow manufacturer's representative's recommendations for placement of FRAC.
2. Collect a small sample (10-20kg) of mix from the discharge chute during first 50 tons of production. If there are one or more undistributed fiber clips or bundles, adjust mixing operations per manufacturer's recommendations to eliminate fiber bundles.
3. Visually observe FRAC mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber.
4. Remove any observed fiber bundles from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber bundle development.

HMA Tolerances and Adjustments

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

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

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

For Aggregates in the mixture:

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

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

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

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

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

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

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

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

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

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

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

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

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

24 Sampling and testing for evaluation shall be performed on the frequency of one sample per
25 subplot.
26

27 **5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling**

28 Samples for acceptance testing shall be obtained by the Contractor when ordered by the
29 Engineer. The Contractor shall sample the HMA mixture in the presence of the Engineer and
30 in accordance with AASH-TO T 168. A minimum of three samples should be taken for each
31 class of HMA placed on a project. If used in a structural application, at least one of the three
32 samples shall to be tested.
33

34 Sampling and testing HMA in a Structural application where quantities are less than 400 tons
35 is at the discretion of the Engineer.
36

37 For HMA used in a structural application and with a total project quantity less than 800 tons
38 but more than 400 tons, a minimum of one acceptance test shall be performed. In all cases,
39 a minimum of 3 samples will be obtained at the point of acceptance, a minimum of one of the
40 three samples will be tested for conformance to the JMF:
41

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

48 **5-04.3(9)C3 Mixture Nonstatistical Evaluation – Acceptance Testing**

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

3
4 Testing for compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308.

5
6 Testing for compliance of gradation will be by FOP for WAQTC T 27/T 11.

7
8 **5-04.3(9)C4 Mixture Nonstatistical Evaluation – Pay Factors**

9 For each lot of material falling outside the tolerance limits in 5-04.3(9), the Contracting Agency
10 will determine a Composite Pay Factor (CPF) using the following price adjustment factors:
11

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

12
13 Each lot of HMA produced under Nonstatistical Evaluation and having all constituents falling
14 within the tolerance limits of the job mix formula shall be accepted at the unit Contract price
15 with no further evaluation. When one or more constituents fall outside the nonstatistical
16 tolerance limits in the Job Mix Formula shown in Table of Price Adjustment Factors, the lot
17 shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The
18 nonstatistical tolerance limits will be used in the calculation of the CPF and the maximum CPF
19 shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or
20 samples from the Roadway shall be tested to provide a minimum of three sets of results for
21 evaluation.
22

23 **5-04.3(9)C5 Vacant**

24
25 **5-04.3(9)C6 Mixture Nonstatistical Evaluation – Price Adjustments**

26 For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF
27 is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals
28 the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The total job mix
29 compliance price adjustment will be calculated as the product of the NCMF, the quantity of
30 HMA in the lot in tons, and the unit Contract price per ton of mix.
31

32 If a constituent is not measured in accordance with these Specifications, its individual pay
33 factor will be considered 1.00 in calculating the Composite Pay Factor (CPF).
34

35 **5-04.3(9)C7 Mixture Nonstatistical Evaluation - Retests**

36 The Contractor may request a subplot be retested. To request a retest, the Contractor shall
37 submit a written request within 7 calendar days after the specific test results have been

1 received. A split of the original acceptance sample will be retested. The split of the sample will
2 not be tested with the same tester that ran the original acceptance test. The sample will be
3 tested for a complete gradation analysis, asphalt binder content, and, at the option of the
4 agency, V_a . The results of the retest will be used for the acceptance of the HMA in place of
5 the original subplot sample test results. The cost of testing will be deducted from any monies
6 due or that may come due the Contractor under the Contract at the rate of \$500 per sample.
7

8 **5-04.3 (9)D Mixture Acceptance – Commercial Evaluation**

9 If sampled and tested, HMA produced under Commercial Evaluation and having all constituents
10 falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price
11 with no further evaluation. When one or more constituents fall outside the commercial tolerance
12 limits in the Job Mix Formula shown in 5-04.3(9), the lot shall be evaluated in accordance with
13 Section 1-06.2 to determine the appropriate CPF. The commercial tolerance limits will be used in
14 the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots
15 exist, backup samples of the existing sublots or samples from the street shall be tested to provide
16 a minimum of three sets of results for evaluation.
17

18 For each lot of HMA mix produced and tested under Commercial Evaluation when the calculated
19 CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals
20 the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The Job Mix Compliance
21 Price Adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in
22 tons, and the unit Contract price per ton of mix.
23

24 If a constituent is not measured in accordance with these Specifications, its individual pay factor
25 will be considered 1.00 in calculating the Composite Pay Factor (CPF).
26

27 **5-04.3(10) HMA Compaction Acceptance**

28 HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for
29 intersections, ramps, truck climbing, weaving, and speed change, and having a specified compacted
30 course thickness greater than 0.10-foot, shall be compacted to a specified level of relative density.
31 The specified level of relative density shall be a Composite Pay Factor (CPF) of not less than 0.75
32 when evaluated in accordance with Section 1-06.2, using a LSL of 92.0 (minimum of 92 percent of
33 the maximum density). The maximum density shall be determined by WSDOT FOP for AASHTO T
34 729. The specified level of density attained will be determined by the evaluation of the density of the
35 pavement. The density of the pavement shall be determined in accordance with WSDOT FOP for
36 ASSHTO T 355, except that gauge correlation will be at the discretion of the Engineer, when using
37 the nuclear density gauge and WSDOT SOP 736 when using cores to determine density.
38

39 Tests for the determination of the pavement density will be taken in accordance with the required
40 procedures for measurement by a nuclear density gauge or roadway cores after completion of the
41 finish rolling.
42

43 If the Contracting Agency uses a nuclear density gauge to determine density the test procedures
44 WSDOT FOP for ASSHTO T 355 and WSDOT SOP T 729 will be used on the day the mix is placed
45 and prior to opening to traffic.
46

47 Roadway cores for density may be obtained by either the Contracting Agency or the Contractor in
48 accordance with WSDOT SOP 734. The core diameter shall be 4-inches minimum, unless otherwise

1 approved by the Engineer. Roadway cores will be tested by the Contracting Agency in accordance
2 with WSDOT FOP for AASHTO T 166.

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

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

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

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

20 21 **Test Results**

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

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

37 38 **5-04.3(10)A HMA Compaction – General Compaction Requirements**

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

45
46 The type of rollers to be used and their relative position in the compaction sequence shall
47 generally be the Contractor's option, provided the specified densities are attained. Unless the
48 Engineer has approved otherwise, rollers shall only be operated in the static mode when the
49 internal temperature of the mix is less than 175°F. Regardless of mix temperature, a roller shall

1 not be operated in a mode that results in checking or cracking of the mat. Rollers shall only be
2 operated in static mode on bridge decks.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1 material will then be statistically evaluated as an independent lot in accordance with Section 1-
2 06.2(2).
3

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

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

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

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

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

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

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

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

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

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

26
27 The Contractor shall conduct operations such that the placing of the top or wearing course is
28 a continuous operation or as close to continuous as possible. Unscheduled transverse joints
29 will be allowed and the roller may pass over the unprotected end of the freshly laid mixture
30 only when the placement of the course must be discontinued for such a length of time that the
31 mixture will cool below compaction temperature. When the Work is resumed, the previously
32 compacted mixture shall be cut back to produce a slightly beveled edge for the full thickness
33 of the course.
34

35
36 A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse
37 joint as a result of paving or planing is open to traffic. The HMA in the temporary wedge shall
38 be separated from the permanent HMA by strips of heavy wrapping paper or other methods
39 approved by the Engineer. The wrapping paper shall be removed and the joint trimmed to a
40 slightly beveled edge for the full thickness of the course prior to resumption of paving.
41

42 The material that is cut away shall be wasted and new mix shall be laid against the cut. Rollers
43 or tamping irons shall be used to seal the joint.
44

45 **5-04.3(12)A2 Longitudinal Joints**

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

1 joint shall be constructed along all longitudinal joints in the wearing surface of new HMA unless
2 otherwise approved by the Engineer. The notched wedge joint shall have a vertical edge of
3 not less than the maximum aggregate size or more than $\frac{1}{2}$ of the compacted lift thickness and
4 then taper down on a slope not steeper than 4H:1V. The sloped portion of the HMA notched
5 wedge joint shall be uniformly compacted.
6

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

8

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

10 Prior to placing HMA on the bridge deck, establish sawcut alignment points at both ends of
11 the bridge paving joint seals to be placed at the bridge ends, and at interior joints within the
12 bridge deck when and where shown in the Plans. Establish the sawcut alignment points in a
13 manner that they remain functional for use in aligning the sawcut after placing the overlay.
14

15 Submit a Type 1 Working Drawing consisting of the sealant manufacturer's application
16 procedure.
17

18 Construct the bridge paving joint seal as specified ion the Plans and in accordance with the
19 detail shown in the Standard Plans. Construct the sawcut in accordance with the detail shown
20 in the Standard Plan. Construct the sawcut in accordance with Section 5-05.3(8)B and the
21 manufacturer's application procedure.
22

23 **5-04.3(12)B2 Paved Panel Joint Seal**

24 Construct the paved panel joint seal in accordance with the requirements specified in Section
25 5-04.3(12)B1 and the following requirement:
26

- 27 1. Clean and seal the existing joint between concrete panels in accordance with Section
28 5-01.3(8) and the details shown in the Standard Plans.
29

30 **5-04.3(13) Surface Smoothness**

31 The completed surface of all courses shall be of uniform texture, smooth, uniform as to crown and
32 grade, and free from defects of all kinds. The completed surface of the wearing course shall not vary
33 more than $\frac{1}{8}$ inch from the lower edge of a 10-foot straightedge placed on the surface parallel to the
34 centerline. The transverse slope of the completed surface of the wearing course shall vary not more
35 than $\frac{1}{4}$ inch in 10 feet from the rate of transverse slope shown in the Plans.
36

37 When deviations in excess of the above tolerances are found that result from a high place in the HMA,
38 the pavement surface shall be corrected by one of the following methods:
39

- 40 1. Removal of material from high places by grinding with an approved grinding machine, or
- 41 2. Removal and replacement of the wearing course of HMA, or
- 42 3. By other method approved by the Engineer.
43

44 Correction of defects shall be carried out until there are no deviations anywhere greater than the
45 allowable tolerances.
46

1 Deviations in excess of the above tolerances that result from a low place in the HMA and deviations
2 resulting from a high place where corrective action, in the opinion of the Engineer, will not produce
3 satisfactory results will be accepted with a price adjustment. The Engineer shall deduct from monies
4 due or that may become due to the Contractor the sum of \$500.00 for each and every section of
5 single traffic lane 100 feet in length in which any excessive deviations described above are found.
6

7 When utility appurtenances such as manhole covers and valve boxes are located in the traveled way,
8 the utility appurtenances shall be adjusted to the finished grade prior to paving. This requirement may
9 be waived when requested by the Contractor, at the discretion of the Engineer or when the adjustment
10 details provided in the project plan or specifications call for utility appurtenance adjustments after the
11 completion of paving.
12

13 Utility appurtenance adjustment discussions will be included in the Pre-Paving planning (5-
14 04.3(14)B3). Submit a written request to waive this requirement to the Engineer prior to the start of
15 paving.
16

17 **5-04.3(14) Planing (Milling) Bituminous Pavement**

18 The planing plan must be approved by the Engineer and a pre planing meeting must be held prior to
19 the start of any planing. See Section 5-04.3(14)B2 for information on planing submittals.
20

21 Locations of existing surfacing to be planed are as shown in the Drawings.
22

23 For mainline planing operations, use equipment with automatic controls and with sensors for either
24 or both sides of equipment. The controls shall be capable of sensing the grade from an outside
25 reference line, or a mat-referencing device. The automatic controls shall have a transverse slope
26 controller capable of maintaining the mandrel at the desired transverse slope (expressed as a
27 percentage) within plus or minus 0.1 percent.
28

29 Where planing an existing pavement is specified in the Contract, the Contractor must remove existing
30 surfacing material and to reshape the surface to remove irregularities. The finished product must be
31 a prepared surface acceptable for receiving an HMA overlay.
32

33 Use the cold milling method for planing unless otherwise specified in the Contract. Do not use the
34 planer on the final wearing course of new HMA.
35

36 Conduct planing operations in a manner that does not tear, break, burn, or otherwise damage the
37 surface which is to remain. The finished planed surface must be slightly grooved or roughened and
38 must be free from gouges, deep grooves, ridges, or other imperfections. The Contractor must repair
39 any damage to the surface by the Contractor's planing equipment, using an Engineer approved
40 method.
41

42 The Contractor where necessary shall plane or grind, and provide any hand work necessary to work
43 around utility appurtenances, castings, lids, curbs, gutters, sidewalks, manholes, and catch basins to
44 provide smooth transition of pavement to the finished thickness and grade as staked in the field or
45 approved by the Engineer.
46

47 Repair or replace any metal castings and other surface improvements damaged by planing, as
48 determined by the Engineer.

1
2 A tapered wedge cut must be planed longitudinally along curb lines sufficient to provide a minimum
3 of 4 inches of curb reveal after placement and compaction of the final wearing course. The dimensions
4 of the wedge must be as shown on the Drawings or as specified by the Engineer.
5

6 A tapered wedge cut must also be made at transitions to adjoining pavement surfaces (meet lines)
7 where butt joints are shown on the Drawings. Cut butt joints in a straight line with vertical faces 2
8 inches or more in height, producing a smooth transition to the existing adjoining pavement.
9

10 After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract,
11 patched and preleveled.
12

13 The Engineer may direct additional depth planing. Before performing this additional depth planing,
14 the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-
15 04.3(14)A.
16

17 **5-04.3(14)A Pre-Planing Metal Detection Check**

18 Before starting planing of pavements, and before any additional depth planing required by the
19 Engineer, the Contractor must conduct a physical survey of existing pavement to be planed with
20 equipment that can identify hidden metal objects.
21

22 Should such metal be identified, promptly notify the Engineer.
23

24 See Section 1-07.16(1) regarding the protection of survey monumentation that may be hidden in
25 pavement.
26

27 The Contractor is solely responsible for any damage to equipment resulting from the Contractor's
28 failure to conduct a pre-planing metal detection survey, or from the Contractor's failure to notify
29 the Engineer of any hidden metal that is detected.
30

31 **5-04.3(14)B Paving and Planing Under Traffic**

32 **5-04.3(14)B1 General**

33 In addition the requirements of Section 1-07.23 and the traffic controls required in Section 1-
34 10, and unless the Contract specifies otherwise or the Engineer approves, the Contractor
35 must comply with the following:
36
37

38 1. Intersections:

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

- b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.
 - c. Should closure of the intersection in its entirety be necessary, and no trolley service is impacted, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.
 - d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
 - e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.
2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
 3. Permanent pavement marking must comply with Section 8-22.

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

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

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

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

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

1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each day's traffic control as it relates to the specific requirements of that day's planing and paving. Briefly describe the sequencing of traffic control consistent with the proposed planing and paving sequence, and scheduling of placement of temporary pavement markings and channelizing devices after each day's planing, and paving.
2. A copy of each intersection's traffic control plan.
3. Haul routes from Supplier facilities, and locations of temporary parking and staging areas, including return routes. Describe the complete round trip as it relates to the sequencing of paving operations.

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

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

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

1. General for both Paving Plan and for Planing Plan:
 - a. The actual times of starting and ending daily operations.
 - b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
 - c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other contractors who may operate in the Project Site.
 - d. Notifications required of Contractor activities, and coordinating with other entities and the public as necessary.
 - e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
 - f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed
 - g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, street car rail, and castings, before planning, see Section 5-04.3(14)B2.
 - h. Description of how flaggers will be coordinated with the planing, paving, and related operations.

- i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
- j. Other items the Engineer deems necessary to address.
 - 2. Paving – additional topics:
 - a. When to start applying tack and coordinating with paving.
 - b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of the personnel operating the types of equipment. Discuss the continuance of operator personnel for each type equipment as it relates to meeting Specification requirements.
 - c. Number of JMFs to be placed, and if more than one JMF how the Contractor will ensure different JMFs are distinguished, how pavers and MTVs are distinguished if more than one JMF is being placed at the time, and how pavers and MTVs are cleaned so that one JMF does not adversely influence the other JMF.
 - d. Description of contingency plans for that day’s operations such as equipment breakdown, rain out, and Supplier shutdown of operations.
 - e. Number of sublots to be placed, sequencing of density testing, and other sampling and testing.

5-04.3(15) Sealing Pavement Surfaces

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

5-04.3(16) HMA Road Approaches

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

5-04.4 Measurement

“HMA CL. 3/8 In. PG 58H-22 Fiber Reinforced” per Ton.

“HMA For Approach CL. 3/8 In. PG 58H-22 Fiber Reinforced” per Ton.

5-04.5 Payment

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

“HMA Cl. 3/8 In. PG 58H-22 Fiber Reinforced” per Ton.

The unit contract price per ton for “HMA CL. 3/8 In. PG 58H-22 Fiber Reinforced” shall be full compensation for all costs, including paving reinforcing fiber, anti-stripping additive, incurred to carry out the requirements of Section 5-04 except for those costs included in other items which are included in this Subsection and which are included in the Proposal. Finish surface preparation and minor grade adjustments for HMA preparation shall be considered incidental to this bid item.

“HMA For Approach CL. 3/8 In. PG 58H-22 Fiber Reinforced” per Ton.

The unit contract price per ton for “HMA For Approach CL. 3/8 In. PG 58H-22 Fiber Reinforced” shall be full compensation for all costs, including paving reinforcing fiber, anti-stripping additive, incurred to carry

1 out the requirements of Section 5-04 except for those costs included in other items which are included in
2 this Subsection and which are included in the Proposal.

3
4 **5-04.5(1) Quality Assurance Price Adjustment**

5
6 In the event that test results indicate the HMA does not meet specifications, a change order will be
7 issued for the price adjustments for Quality of HMA Mixture and Quality of HMA Compaction based
8 upon these specifications.

9
10 **5-04.5(1)B Price Adjustments for Quality of HMA Compaction**

11
12 The maximum CPF of a compaction lot is 1.00.

13
14 For each compaction lot of HMA when the CPF is less than 1.00, a Nonconforming Compaction
15 Factor (NCCF) will be determined. THE NCCF equals the algebraic difference of CPF minus
16 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the
17 product of the NCCF, the quantity of HMA in the lot in tons and the unit contract price per ton of
18 the mix.

19
20 The CPF shall be as follows:

21

22 <u>Compaction</u>	23 <u>CPF</u>
24 91.0% to 91.9%	25 95%
26 90.0% to 90.9%	27 90%
28 89.0% to 89.9%	80%
88.0% to 88.9%	75%
At or below 87.9%	Mix is removed

28

29 **POWER EQUIPMENT**

30 (*****)

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

33
34 The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder
35 will be required to complete and return with the contract documents. This information will enable hourly
36 rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for Construction
37 Equipment". No payment for any force account work will be allowed until this form has been returned
38 and accepted by the County.

39
40 **E-VERIFY**

41 (*****)

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

1
2 **BOND**

3 (*****)

4 The Bidder's special attention is directed to the attached bond form, which the successful bidder will be
5 required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.** The
6 bond shall be for the full amount of the contract.
7

8 **LEWIS COUNTY ESTIMATES AND PAYMENT POLICY**

9 (*****)

10 Payment cutoff shall be the last day of each month, inclusive of that day. On or before the 5th day of
11 each calendar month during the term of this contract, the Contracting Agency shall prepare monthly
12 Progress Payments for work completed and material furnished. If the Contractor agrees, the
13 Contractor will approve the Progress Payment and return the estimate to the Contracting Agency by the
14 15th day of that same calendar month. The Contracting Agency shall prepare a voucher based upon
15 the approved Progress Payment and payment based thereon shall be due the Contractor near the 10th
16 day of the next calendar month. Material Supply contracts involving delivery of prefabricated material
17 or stockpile material only (no physical work on Contracting Agency property) may be reimbursed via
18 Contractor generated invoices upon written approval by the Engineer. Reimbursement by invoice shall
19 not be subject to late charges listed on the Contractor's standard invoice form.
20

21 When the Contractor reports the work is completed he/she shall then notify the Contracting Agency.
22 The Contracting Agency shall inspect the work and report any deficiencies to the Contractor. When the
23 Contracting Agency is satisfied the work has been completed in accordance with all plans and
24 specifications, the Contracting Agency shall then accept the work.
25

26 Upon completion of all work described in this Contract, the Contracting Agency shall prepare a Final
27 Progress Payment and Final Contract Voucher for approval by the Contractor and processing for final
28 payment. Release of the Contract Bond will be 60 days following Contracting Agency Final Acceptance
29 of Contract, provided the conditions of Section 1-03.4 and Section 1-07.2 of these Special Provisions
30 have been satisfied.
31

32 **APPENDICES**

33 (July 12, 1999)

34 The following appendices are attached and made a part of this contract:
35

36 ***** APPENDIX A:
37 Washington State Prevailing Wage Rates
38 Wage Rate Supplement
39 Wage Rate Benefit Code Key
40

41 APPENDIX B:
42 Bid Proposal Documents
43

44 APPENDIX C:
45 Contract Documents
46

47 APPENDIX D:
48 Federal Contract Provisions
49

50 APPENDIX E:
51 Contract Plans *****
52

(January 9, 2023)

Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01, effective September 30, 2022, is made a part of this contract.

The Standard Plans are revised as follows:

A-10.30

RISER RING detail (Including SECTION view and RISER RING DIMENSIONS table): The RISER RING detail is deleted from the plan.

INSTALLATION detail, SECTION A: The "1/4" callout is revised to read "+/- 1/4" (SEE CONTRACT ~ Note: The + 1/4" installation is shown in the Section A view)"

B-90.40

Valve Detail – DELETED

C-8

DELETED

C-8A

DELETED

C-20.42

Plan View (Case 22A-31), callout, was; "BEAM GUARDRAIL ANCHOR TYPE 10 PAY LIMIT" is revised to read; "BEAM GUARDRAIL ANCHOR TYPE 11 PAY LIMIT"

C-23.60

DELETED

C-23.70

Sheet 1, Detail A, callout, was – "EIGHT 5/8" x 1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)" is revised to read: "EIGHT 5/8" x 1-1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)".

Sheet 2, ANCHOR RAIL ELEMENT DETAIL and associated Enlarged Detail, 3/4" Diameter hole pattern (8 holes), callout, "3/4" DIAMETER HOLE (TYP.)" is revised to read: "29/32" x 1 1/8" (IN) SLOT (TYP.)"

D-2.04

DELETED

D-2.06

DELETED

D-2.08

DELETED

D-2.32

DELETED

D-2.34
DELETED

D-2.60
DELETED

D-2.62
DELETED

D-2.64
DELETED

D-2.66
DELETED

D-2.68
DELETED

D-2.80
DELETED

D-2.88
DELETED

D-3.15
DELETED

D-3.16
DELETED

D-3.17
DELETED

D-3.10
Sheet 1, Typical Section, callout – “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.15” is revised to read; “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER, SEE CONTRACT PLANS”
Sheet 1, Typical Section, callout – “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.16” is revised to read; “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER, SEE CONTRACT PLANS”

D-3.11
Sheet 1, Typical Section, callout – “B” BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “B” BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)
Sheet 1, Typical Section, callout – “TYPICAL BARRIER ON BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD

PLANS D-3.15 OR D-3.16” is revised to read; “TYPICAL BARRIER ON BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

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-10.30

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-10.18

Note 2, "Region Traffic engineer approval is needed to install a truck apron lower than 3". - DELETED

J-10.10

Sheet 4 of 6, "Foundation Size Reference Table", PAD WIDTH column, Type 33xD=6' – 3" is revised to read: 7' – 3". Type 342LX / NEMA P44=5' – 10" is revised to read: 6' – 10"

Sheet 5 of 6, Plan View, "FOR EXAMPLE PAD SHOWN HERE:", "first bullet" item, "-SPACE BETWEEN TYPE B MOD. CABINET AND 33x CABINET IS 6" (IN)" IS REVISED TO READ: "SPACE BETWEEN TYPE B MOD. CABINET (BACK OF ALL CHANNEL STEEL) AND 33x CABINET IS 6" (IN) (CHANNEL STEEL ADDS ABOUT 5" (IN))"

J-10.16

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.17

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.18

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-20.10

Elevation View, horizontal dimension to edge of sidewalk 10" (IN) OR LESS DESIRABLE ~ 18" (IN) MAXIMUM is revised to read: "10" (IN) MAXIMUM"

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 ~ □" (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO READ: "ANCHOR BOLTS ~ □" (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 □" 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 □" 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 □" 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 □"

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 □" DIAM., is revised to read; CHASE NIPPLE ~ 1 □" (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 □" DIAM. is revised to read; CHASE NIPPLE ~ 1 □" (IN) DIAM.

J-40.10

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

J-40.36

Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-40.37

Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-75.20

Key Notes, note 16, second bullet point, was: "1/2" (IN) x 0.45" (IN) Stainless Steel Bands", add the following to the end of the note: "Alternate: Stainless steel cable with stainless steel ends, nuts, bolts, and washers may be used in place of stainless steel bands and associated hardware."

J-75.41

DELETED

J-75.55

Notes, Note A1, Revise reference, was – G-90.29, should be – G-90.20.

K-80.20

DELETED

L-5.10

Sheet 2, Typical Elevation, callout - "2' – 0" MIN. LAP SPLICE BETWEEN (mark) A #3 BAR AND WALL REINFORCEMENT ~ TYPICAL" is revised to read: "2' – 0" MIN. LAP SPLICE BETWEEN (MARK) A #4 BAR AND WALL REINFORCEMENT ~ TYPICAL"

Section C, callout; "(mark) A #3" is revised to read: "(mark) A #4", callout - "(mark) B #3" is revised to read: "(mark) B #4", callout - "(mark) C #3 TIE" is revised to read: "(mark) C #4 TIE" Reinforcing Steel Bending Diagram, (mark) B detail, callout – "128 deg." is revised to read: "123 deg.", callout – "51 deg." is revised to read: "57 deg."

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-30.35-00.....10/12/07	A-50.10-01.....8/17/21
A-10.20-00.....10/5/07	A-40.00-01.....7/6/22	A-50.40-01.....8/17/21
A-10.30-00.....10/5/07	A-40.10-04.....7/31/19	A-60.10-03.....12/23/14
A-20.10-00.....8/31/07	A-40.15-00.....8/11/09	A-60.20-03.....12/23/14
A-30.10-00.....11/8/07	A-40.20-04.....1/18/17	A-60.30-01.....6/28/18
A-30.30-01.....6/16/11	A-40.50-02.....12/23/14	A-60.40-00.....8/31/07

B-5.20-03.....9/9/20	B-30.50-03.....2/27/18	B-75.20-03.....8/17/21
B-5.40-02.....1/26/17	B-30.60-00.....9/9/20	B-75.50-02.....3/15/22
B-5.60-02.....1/26/17	B-30.70-04.....2/27/18	B-75.60-00.....6/8/06
B-10.20-02.....3/2/18	B-30.80-01.....2/27/18	B-80.20-00.....6/8/06
B-10.40-02.....8/17/21	B-30.90-02.....1/26/17	B-80.40-00.....6/1/06
B-10.70-02.....8/17/21	B-35.20-00.....6/8/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-35.40-00.....6/8/06	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-40.20-00.....6/1/06	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-40.40-02.....1/26/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-45.20-01.....7/11/17	B-85.50-01.....6/10/08
B-20.40-04.....2/27/18	B-45.40-01.....7/21/17	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-50.20-00.....6/1/06	B-90.20-00.....6/8/06
B-25.20-02.....2/27/18	B-55.20-03.....8/17/21	B-90.30-00.....6/8/06
B-25.60-02.....2/27/18	B-60.20-02.....9/9/20	B-90.40-01.....1/26/17
B-30.05-00.....9/9/20	B-60.40-01.....2/27/18	B-90.50-00.....6/8/06
B-30.10-03.....2/27/18	B-65.20-01.....4/26/12	B-95.20-02.....8/17/21
B-30.15-00.....2/27/18	B-65.40-00.....6/1/06	B-95.40-01.....6/28/18
B-30.20-04.....2/27/18	B-70.20-01.....3/15/22	
B-30.30-03.....2/27/18	B-70.60-01.....1/26/17	
B-30.40-03.....2/27/18		

C-1.....9/8/22	C-22.40-09.....9/8/22	C-60.70-01.....9/8/22
C-1b.....9/8/22	C-22.45-06.....9/8/22	C-60.80-01.....9/8/22
C-1d.....10/31/03	C-23.70-00.....8/22/22	C-70.15-00.....8/17/21
C-2c.....8/12/19	C.24.10-03.....7/24/22	C-70.10-03.....8/20/21
C-4f.....8/12/19	C-24.15-00.....3/15/22	C-75.10-02.....9/16/20

C-6a.....9/8/22	C-25.20-07.....8/20/21	C-75.20-03.....8/20/21
C-7.....9/8/22	C-25.22-06.....8/20/21	C-75.30-03.....8/20/21
C-7a.....9/8/22	C-25.26-05.....8/20/21	C-80.10-02.....9/16/20
C-20.10-08.....9/8/22	C-25.30-01.....8/20/21	C-80.20-01.....6/11/14
C-20.14-05.....9/8/22	C-25.80-05.....8/12/19	C-80.30-02.....8/20/21
C-20.15-02.....6/11/14	C-60.10-02.....9/8/22	C-80.40-01.....6/11/14
C-20.18-04.....9/8/22	C-60.15-00.....8/17/21	C-85.10-00.....4/8/12
C-20.40-09.....9/8/22	C-60.20-01.....9/8/22	C-85.11-01.....9/16/20
C-20.41-04.....8/22/22	C-60.30-01.....8/17/21	C-85.15-02.....8/27/21
C-20.42-05.....7/14/15	C-60.40-00.....8/17/21	C-85-18-03.....9/8/22
C-20.43-00.....8/22/22	C-60.45-00.....8/17/21	
C-20.45.03.....9/8/22	C-60.50-00.....8/17/21	
C-22.16-07.....9/16/20	C-60.60-00.....8/17/21	

D-2.36-03.....6/11/14	D-4.....12/11/98	D-10.35-00.....7/8/08
D-2.46-02.....8/13/21	D-6.....6/19/98	D-10.40-01.....12/2/08
D-2.84-00.....11/10/05	D-10.10-01.....12/2/08	D-10.45-01.....12/2/08
D-2.92-01.....4/26/22	D-10.15-01.....12/2/08	
D-3.09-00.....5/17/12	D-10.20-01.....8/7/19	
D-3.10-01.....5/29/13	D-10.25-01.....8/7/19	
D-3.11-03.....6/11/14	D-10.30-00.....7/8/08	

E-1.....2/21/07	E-4.....8/27/03
E-2.....5/29/98	E-4a.....8/27/03

F-10.12-04.....9/24/20	F-10.62-02.....4/22/14	F-40.15-04.....9/25/20
F-10.16-00.....12/20/06	F-10.64-03.....4/22/14	F-40.16-03.....6/29/16
F-10.18-03.....3/28/22	F-30.10-04.....9/25/20	F-45.10-03.....8/13/21
F-10.40-04.....9/24/20	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-26.10-00.....7/31/19
G-20.10-03.....8/20/21	G-30.10-04.....6/23/15
G-22.10-04.....6/28/18	G-50.10-03.....6/28/18
G-24.10-00.....11/8/07	G-90.10-03.....7/11/17
G-24.20-01.....2/7/12	G-90.20-05.....7/11/17
G-24.30-02.....6/28/18	G-90.30-04.....7/11/17
G-24.40-07.....6/28/18	G-95.10-02.....6/28/18
G-24.50-05.....8/7/19	G-95.20-03.....6/28/18
G-24.60-05.....6/28/18	G-95.30-03.....6/28/18
G-25.10-05.....9/16/20	

H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-02.....8/17/21
H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-02.....8/17/21
H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	

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-30.30-02.....6/12/19	I-50.20-02.....7/6/22

I-30.15-02.....3/22/13	I-30.40-02.....6/12/19	I-60.10-01.....6/10/13
I-30.16-01.....7/11/19	I-30.60-02.....6/12/19	I-60.20-01.....6/10/13
I-30.17-01.....6/12/19	I-40.10-00.....9/20/07	I-80.10-02.....7/15/16

J-05.50-00.....8/30/22	J-28.10-02.....8/7/19	J-50.25-00.....6/3/11
J-10.....7/18/97	J-28.22-00.....8/07/07	J-50.30-00.....6/3/11
J-10.10-04.....9/16/20	J-28.24-02.....9/16/20	J-60.05-01.....7/21/16
J-10.12-00.....9/16/20	J-28.26-01.....12/02/08	J-60.11-00.....5/20/13
J-10.14-00.....9/16/20	J-28.30-03.....6/11/14	J-60.12-00.....5/20/13
J-10.15-01.....6/11/14	J-28.40-02.....6/11/14	J-60.13-00.....6/16/10
J-10.16-02.....8/18/21	J-28.42-01.....6/11/14	J-60.14-01.....7/31/19
J-10.17-02.....8/18/21	J-28.43-01.....6/28/18	J-75.10-02.....7/10/15
J-10.18-02.....8/18/21	J-28.45-03.....7/21/16	J-75.20-01.....7/10/15
J-10.20-04.....8/18/21	J-28.50-03.....7/21/16	J-75.30-02.....7/10/15
J-10.21-02.....8/18/21	J-28.60-03.....8/27/21	J-75.50-00.....8/30/22
J-10.22-02.....8/18/21	J-28.70-04.....8/30/22	J-75.55-00.....8/30/22
J-10.25-00.....7/11/17	J-29.10-02.....8/26/22	J-80.05-00.....8/30/22
J-10.26-00.....8/30/22	J-29.15-01.....7/21/16	J-80.10-01.....8/18/21
J-12.15-00.....6/28/18	J-29.16-02.....7/21/16	J-80.12-00.....8/18/21
J-12.16-00.....6/28/18	J-30.10-01.....8/26/22	J-80.15-00.....6/28/18
J-15.10-01.....6/11/14	J-40.01-00.....8/30/22	J-81.10-02.....8/18/21
J-15.15-02.....7/10/15	J-40.05-00.....7/21/16	J-81.12-00.....9/3/21
J-20.01-00.....8/30/22	J-40.10-04.....4/28/16	J-84.05-00.....8/30/22
J-20.10-04.....7/31/19	J-40.20-03.....4/28/16	J-86.10-00.....6/28/18
J-20.11-03.....7/31/19	J-40.30-04.....4/28/16	J-90.10-03.....6/28/18
J-20.15-03.....6/30/14	J-40.35-01.....5/29/13	J-90.20-03.....6/28/18
J-20.16-02.....6/30/14	J-40.36-02.....7/21/17	J-90.21-02.....6/28/18
J-20.20-02.....5/20/13	J-40.37-02.....7/21/17	J-90.50-00.....6/28/18
J-20.26-01.....7/12/12	J-40.38-01.....5/20/13	
J-21.10-04.....6/30/14	J-40.39-00.....5/20/13	
J-21.15-01.....6/10/13	J-40.40-02.....7/31/19	
J-21.16-01.....6/10/13	J-45.36-00.....7/21/17	
J-21.17-01.....6/10/13	J-50.05-00.....7/21/17	
J-21.20-01.....6/10/13	J-50.10-01.....7/31/19	
J-22.15-02.....7/10/15	J-50.11-02.....7/31/19	
J-22.16-03.....7/10/15	J-50.12-02.....8/7/19	
J-26.10-03.....7/21/16	J-50.13-01.....8/30/22	
J-26.15-01.....5/17/12	J-50.15-01.....7/21/17	
J-26.20-01.....6/28/18	J-50.16-01.....3/22/13	
J-27.10-01.....7/21/16	J-50.18-00.....8/7/19	
J-27.15-00.....3/15/12	J-50.19-00.....8/7/19	
J-28.01-00.....8/30/22	J-50.20-00.....6/3/11	

K-70.20-01.....6/1/16	K-80.32-00.....8/17/21	K-80.35-01.....9/16/20
K-80.10-02.....9/25/20	K-80.34-00.....8/17/21	K-80.37-01.....9/16/20

L-5.10-00.....9/19/22	L-20.10-03.....7/14/15	L-40.20-02.....6/21/12
L-5.15-00.....9/19/22	L-30.10-02.....6/11/14	L-70.10-01.....5/21/08
L-10.10-02.....6/21/12	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08

M-1.20-04.....9/25/20	M-11.10-04.....8/2/22	M-40.20-00.....10/12/07
M-1.40-03.....9/25/20	M-12.10-03.....8/2/22	M-40.30-01.....7/11/17
M-1.60-03.....9/25/20	M-15.10-01.....2/6/07	M-40.40-00.....9/20/07
M-1.80-03.....6/3/11	M-17.10-02.....7/3/08	M-40.50-00.....9/20/07
M-2.20-03.....7/10/15	M-20.10-04.....8/2/22	M-40.60-00.....9/20/07
M-2.21-00.....7/10/15	M-20.20-02.....4/20/15	M-60.10-01.....6/3/11
M-3.10-04.....9/25/20	M-20.30-04.....2/29/16	M-60.20-03.....8/17/21
M-3.20-04.....8/2/22	M-20.40-03.....6/24/14	M-65.10-03.....8/17/21
M-3.30-04.....9/25/20	M-20.50-02.....6/3/11	M-80.10-01.....6/3/11
M-3.40-04.....9/25/20	M-24.20-02.....4/20/15	M-80.20-00.....6/10/08
M-3.50-03.....9/25/20	M-24.40-02.....4/20/15	M-80.30-00.....6/10/08
M-5.10-03.....9/25/20	M-24.60-04.....6/24/14	
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-40.10-03.....6/24/14	

APPENDIX A

WASHINGTON STATE PREVAILING WAGE RATES

INCLUDING:

State Wage Rates

Wage Rate Supplements

Wage Rate Benefit Codes

State of Washington
 Department of Labor & Industries
 Prevailing Wage Section - Telephone 360-902-5335
 PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 2/21/2023

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	<u>Asbestos Abatement Workers</u>	Journey Level	\$56.80	<u>5D</u>	<u>1H</u>		<u>View</u>
Lewis	<u>Boilermakers</u>	Journey Level	\$72.54	<u>5N</u>	<u>1C</u>		<u>View</u>
Lewis	<u>Brick Mason</u>	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		<u>View</u>
Lewis	<u>Brick Mason</u>	Pointer-Caulker-Cleaner	\$66.32	<u>7E</u>	<u>1N</u>		<u>View</u>
Lewis	<u>Building Service Employees</u>	Janitor	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Building Service Employees</u>	Shampooer	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Building Service Employees</u>	Waxer	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Building Service Employees</u>	Window Cleaner	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Cabinet Makers (In Shop)</u>	Journey Level	\$23.17		<u>1</u>		<u>View</u>
Lewis	<u>Carpenters</u>	Acoustical Worker	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Carpenters</u>	Bridge, Dock And Wharf Carpenters	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Carpenters</u>	Floor Layer & Floor Finisher	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Carpenters</u>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Carpenters</u>	Scaffold Erector	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Application of all Composition Mastic	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Application of all Epoxy Material	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Application of all Plastic Material	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Application of Sealing Compound	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Application of Underlayment	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Building General	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
Lewis	<u>Cement Masons</u>	Composition or Kalman Floors	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>

Lewis	Cement Masons	Concrete Paving	\$69.59	15J	4U		View
Lewis	Cement Masons	Curb & Gutter Machine	\$70.09	15J	4U		View
Lewis	Cement Masons	Curb & Gutter, Sidewalks	\$69.59	15J	4U		View
Lewis	Cement Masons	Curing Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Finish Colored Concrete	\$70.09	15J	4U		View
Lewis	Cement Masons	Floor Grinding	\$70.09	15J	4U		View
Lewis	Cement Masons	Floor Grinding/Polisher	\$69.59	15J	4U		View
Lewis	Cement Masons	Green Concrete Saw, self-powered	\$70.09	15J	4U		View
Lewis	Cement Masons	Grouting of all Plates	\$69.59	15J	4U		View
Lewis	Cement Masons	Grouting of all Tilt-up Panels	\$69.59	15J	4U		View
Lewis	Cement Masons	Gunite Nozzleman	\$70.09	15J	4U		View
Lewis	Cement Masons	Hand Powered Grinder	\$70.09	15J	4U		View
Lewis	Cement Masons	Journey Level	\$69.59	15J	4U		View
Lewis	Cement Masons	Patching Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Pneumatic Power Tools	\$70.09	15J	4U		View
Lewis	Cement Masons	Power Chipping & Brushing	\$70.09	15J	4U		View
Lewis	Cement Masons	Sand Blasting Architectural Finish	\$70.09	15J	4U		View
Lewis	Cement Masons	Screed & Rodding Machine	\$70.09	15J	4U		View
Lewis	Cement Masons	Spackling or Skim Coat Concrete	\$69.59	15J	4U		View
Lewis	Cement Masons	Troweling Machine Operator	\$70.09	15J	4U		View
Lewis	Cement Masons	Troweling Machine Operator on Colored Slabs	\$70.09	15J	4U		View
Lewis	Cement Masons	Tunnel Workers	\$70.09	15J	4U		View
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$126.05	15J	4C		View
Lewis	Divers & Tenders	Dive Supervisor/Master	\$89.94	15J	4C		View
Lewis	Divers & Tenders	Diver	\$126.05	15J	4C	8V	View
Lewis	Divers & Tenders	Diver On Standby	\$84.94	15J	4C		View
Lewis	Divers & Tenders	Diver Tender	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$89.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$94.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$107.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$103.09	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$105.59	15J	4C		View

Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$110.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$112.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$114.59	15J	4C		View
Lewis	Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$116.59	15J	4C		View
Lewis	Divers & Tenders	Manifold Operator	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$82.16	15J	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$77.16	15J	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$71.98	15J	4C		View
Lewis	Dredge Workers	Assistant Engineer	\$76.56	5D	3F		View
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$75.97	5D	3F		View
Lewis	Dredge Workers	Boatmen	\$76.56	5D	3F		View
Lewis	Dredge Workers	Engineer Welder	\$78.03	5D	3F		View
Lewis	Dredge Workers	Leverman, Hydraulic	\$79.59	5D	3F		View
Lewis	Dredge Workers	Mates	\$76.56	5D	3F		View
Lewis	Dredge Workers	Oiler	\$75.97	5D	3F		View
Lewis	Drywall Applicator	Journey Level	\$71.53	15J	4C		View
Lewis	Drywall Tapers	Journey Level	\$70.61	5P	1E		View
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$15.74		1		View
Lewis	Electricians - Inside	Cable Splicer	\$84.08	5C	1G		View
Lewis	Electricians - Inside	Journey Level	\$78.57	5C	1G		View
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$89.58	5C	1G		View
Lewis	Electricians - Inside	Welder	\$84.08	5C	1G		View
Lewis	Electricians - Motor Shop	Craftsman	\$15.74		1		View
Lewis	Electricians - Motor Shop	Journey Level	\$15.74		1		View
Lewis	Electricians - Powerline Construction	Cable Splicer	\$88.89	5A	4D		View
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$81.65	5A	4D		View
Lewis	Electricians - Powerline Construction	Groundperson	\$52.91	5A	4D		View
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$81.65	5A	4D		View
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$81.65	5A	4D		View
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$70.02	5A	4D		View
Lewis	Electricians - Powerline Construction	Meter Installer	\$52.91	5A	4D	8W	View

Lewis	Electricians - Powerline Construction	Pole Sprayer	\$81.65	5A	4D		View
Lewis	Electricians - Powerline Construction	Powderperson	\$60.75	5A	4D		View
Lewis	Electronic Technicians	Journey Level	\$51.14	6Z	1B		View
Lewis	Elevator Constructors	Mechanic	\$103.81	7D	4A		View
Lewis	Elevator Constructors	Mechanic In Charge	\$112.09	7D	4A		View
Lewis	Fabricated Precast Concrete Products	Journey Level	\$15.74		1		View
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$15.74		1		View
Lewis	Fence Erectors	Fence Erector	\$48.14	15J	4V	8Y	View
Lewis	Fence Erectors	Fence Laborer	\$48.14	15J	4V	8Y	View
Lewis	Flaggers	Journey Level	\$48.14	15J	4V	8Y	View
Lewis	Glaziers	Journey Level	\$75.91	7L	1Y		View
Lewis	Heat & Frost Insulators And Asbestos Workers	Journey Level	\$84.58	15H	11C		View
Lewis	Heating Equipment Mechanics	Journey Level	\$94.11	7F	1E		View
Lewis	Hod Carriers & Mason Tenders	Journey Level	\$59.85	15J	4V	8Y	View
Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$15.74		1		View
Lewis	Inland Boatmen	Boat Operator	\$61.41	5B	1K		View
Lewis	Inland Boatmen	Cook	\$56.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand	\$57.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand Engineer	\$58.81	5B	1K		View
Lewis	Inland Boatmen	Launch Operator	\$58.89	5B	1K		View
Lewis	Inland Boatmen	Mate	\$57.31	5B	1K		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$15.74		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$15.74		1		View
Lewis	Insulation Applicators	Journey Level	\$71.53	15J	4C		View
Lewis	Ironworkers	Journeyman	\$82.03	7N	1O		View
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Airtrac Drill Operator	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Ballast Regular Machine	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Batch Weighman	\$48.14	15J	4V	8Y	View

Lewis	Laborers	Brick Pavers	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Brush Cutter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Brush Hog Feeder	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Burner	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Caisson Worker	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Carpenter Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Cement Dumper-paving	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Cement Finisher Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Change House Or Dry Shack	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Chipping Gun (30 Lbs. And Over)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Chipping Gun (Under 30 Lbs.)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Choker Setter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Chuck Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Clary Power Spreader	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Clean-up Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Concrete Dumper/Chute Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Concrete Form Stripper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Concrete Placement Crew	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Concrete Saw Operator/Core Driller	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Crusher Feeder	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Curing Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Ditch Digger	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Diver	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Drill Operator (Hydraulic, Diamond)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Dry Stack Walls	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Dump Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Epoxy Technician	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Erosion Control Worker	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Faller & Bucker Chain Saw	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Fine Graders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Firewatch	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Form Setter	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Gabian Basket Builders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	General Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Grade Checker & Transit Person	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Grinders	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Grout Machine Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Groutmen (Pressure) Including Post Tension	\$57.84	15J	4V	8Y	View

		Beams					
Lewis	Laborers	Guardrail Erector	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level A)	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level B)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level C)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	High Scaler	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Jackhammer	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Laserbeam Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Maintenance Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Manhole Builder-Mudman	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Material Yard Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Mold Abatement Worker	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Motorman-Dinky Locomotive	\$59.95	15J	4V	8Y	View
Lewis	Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Pavement Breaker	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pilot Car	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Pipe Layer (Lead)	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Pipe Layer/Tailor	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Pot Tender	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Reliner	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pipe Wrapper	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Pot Tender	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Powderman	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Powderman's Helper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Power Jacks	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Railroad Spike Puller - Power	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Raker - Asphalt	\$59.85	15J	4V	8Y	View
Lewis	Laborers	Re-timberman	\$58.56	15J	4V	8Y	View
Lewis	Laborers	Remote Equipment Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rigger/Signal Person	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rip Rap Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Rivet Buster	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Rodder	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Scaffold Erector	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Scale Person	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Sloper (Over 20")	\$57.84	15J	4V	8Y	View

Lewis	Laborers	Sloper Sprayer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Spreader (Concrete)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Stake Hopper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Stock Piler	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Swinging Stage/Boatswain Chair	\$48.14	15J	4V	8Y	View
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Tamper (Multiple & Self-propelled)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Toolroom Person (at Jobsite)	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Topper	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Track Laborer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Track Liner (Power)	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Traffic Control Laborer	\$51.48	15J	4V	9C	View
Lewis	Laborers	Traffic Control Supervisor	\$54.55	15J	4V	9C	View
Lewis	Laborers	Truck Spotter	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Tugger Operator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$158.87	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$163.90	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$167.58	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$173.28	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$175.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$180.50	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$182.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$184.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$186.40	15J	4V	9B	View
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$59.95	15J	4V	8Y	View
Lewis	Laborers	Tunnel Work-Miner	\$59.95	15J	4V	8Y	View
Lewis	Laborers	Vibrator	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Vinyl Seamer	\$56.80	15J	4V	8Y	View
Lewis	Laborers	Watchman	\$43.76	15J	4V	8Y	View
Lewis	Laborers	Welder	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Well Point Laborer	\$57.84	15J	4V	8Y	View
Lewis	Laborers	Window Washer/Cleaner	\$43.76	15J	4V	8Y	View
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$56.80	15J	4V	8Y	View

Lewis	<u>Laborers - Underground Sewer & Water</u>	Pipe Layer	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<u>View</u>
Lewis	<u>Landscape Construction</u>	Landscape Construction/Landscaping Or Planting Laborers	\$43.76	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<u>View</u>
Lewis	<u>Landscape Construction</u>	Landscape Operator	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Landscape Maintenance</u>	Groundskeeper	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Lathers</u>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Marble Setters</u>	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		<u>View</u>
Lewis	<u>Metal Fabrication (In Shop)</u>	Fitter	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Metal Fabrication (In Shop)</u>	Laborer	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Metal Fabrication (In Shop)</u>	Machine Operator	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Metal Fabrication (In Shop)</u>	Painter	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Metal Fabrication (In Shop)</u>	Welder	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Millwright</u>	Journey Level	\$73.08	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Cabinet Assembly	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Electrician	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Equipment Maintenance	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Plumber	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Production Worker	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Tool Maintenance	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Utility Person	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Modular Buildings</u>	Welder	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Painters</u>	Journey Level	\$49.46	<u>6Z</u>	<u>11J</u>		<u>View</u>
Lewis	<u>Pile Driver</u>	Crew Tender	\$77.16	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Pile Driver</u>	Journey Level	\$71.98	<u>15J</u>	<u>4C</u>		<u>View</u>
Lewis	<u>Plasterers</u>	Journey Level	\$67.49	<u>7Q</u>	<u>1R</u>		<u>View</u>
Lewis	<u>Plasterers</u>	Nozzleman	\$71.49	<u>7Q</u>	<u>1R</u>		<u>View</u>
Lewis	<u>Playground & Park Equipment Installers</u>	Journey Level	\$15.74		<u>1</u>		<u>View</u>
Lewis	<u>Plumbers & Pipefitters</u>	Journey Level	\$83.47	<u>5A</u>	<u>1G</u>		<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Asphalt Plant Operator	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Assistant Engineer	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Barrier Machine (zipper)	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Batch Plant Operator: Concrete	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Bobcat	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Brokk - Remote Demolition Equipment	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Brooms	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Bump Cutter	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Cableways	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Chipper	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Compressor	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators</u>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>

Lewis	Power Equipment Operators	Concrete Finish Machine - laser Screed	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Conveyors	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Cranes Friction: 200 tons and over	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes, A-frame: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Crusher	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Derricks: on building work	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Dozers D-9 & Under	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Drilling Machine	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Elevator and man-lift: permanent and shaft type	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Forklift: 3000 lbs and over with attachments	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Forklifts: under 3000 lbs. with attachments	\$72.22	7A	11H	8X	View

Lewis	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets, etc.	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Gradechecker/stakeman	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Guardrail punch/Auger	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Locator	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Operator	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom trucks: over 10 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Plant Feed	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Loaders: Elevating Type Belt	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Locomotives, All	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Material Transfer Device	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Motor patrol graders	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type Crane: 20 tons through 44 tons	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type: 100 tons and over	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Pavement Breaker	\$71.57	15J	3K	8X	View

Lewis	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Posthole Digger, Mechanical	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Power Plant	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Pumps - Water	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Quick Tower: no cab, under 100 feet in height based to boom	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Rigger and Bellman	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Rollagon	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Roller, Other Than Plant Mix	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Roto-mill, Roto-grinder	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Saws - Concrete	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Scrapers - Concrete & Carry All	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Service Engineers: equipment	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Shotcrete/gunite Equipment	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$77.63	15J	3K	8X	View
Lewis	Power Equipment Operators	Slipform Pavers	\$76.08	15J	3K	8X	View

Lewis	Power Equipment Operators	Spreader, Topsider & Screedman	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Subgrader Trimmer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Tower Bucket Elevators	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators	Tower crane: up to 175' in height base to boom	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom.	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators	Transporters, All Track Or Truck Type	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators	Trenching Machines	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/Driver: 100 tons and over	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators	Truck crane oiler/driver: under 100 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators	Truck Mount Portable Conveyor	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators	Welder	\$76.79	7A	11H	8X	View
Lewis	Power Equipment Operators	Wheel Tractors, Farmall Type	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators	Yo Yo Pay Dozer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	\$72.22	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator: Concrete	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Bobcat	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Brooms	\$71.57	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Bump Cutter	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground	Cableways	\$76.08	15J	3K	8X	View

	<u>Sewer & Water</u>						
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Chipper	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Compressor	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Finish Machine - laser Screed	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Conveyors	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes Friction: 200 tons and over	\$79.13	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes, A-frame: 10 tons and under	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$77.56	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: 20 tons through 44 tons with attachments	\$76.11	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$78.36	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$79.13	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$76.79	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: Friction cranes through 199 tons	\$78.36	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Cranes: through 19 tons with attachments, A-frame over 10 tons	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground</u>	Crusher	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>

	<u>Sewer & Water</u>						
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Deck Engineer/deck Winches (power)	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Derricks: on building work	\$76.79	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Dozers D-9 & Under	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Drilling Machine	\$76.85	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Elevator and man-lift: permanent and shaft type	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Forklift: 3000 lbs and over with attachments	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Forklifts: under 3000 lbs. with attachments	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Gradechecker/stakeman	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Guardrail punch/Auger	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Horizontal/directional Drill Locator	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Horizontal/directional Drill Operator	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Hydralifts/boom trucks: 10 tons and under	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground</u>	Hydralifts/boom trucks: over 10 tons	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>

	<u>Sewer & Water</u>						
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loader, Overhead 8 Yards. & Over	\$76.85	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders, Overhead Under 6 Yards	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders, Plant Feed	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Loaders: Elevating Type Belt	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Locomotives, All	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Material Transfer Device	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mechanics: all (Leadmen - \$0.50 per hour over mechanic)	\$77.56	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Motor patrol graders	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, bridge type Crane: 20 tons through 44 tons	\$76.11	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, bridge type: 100 tons and over	\$77.56	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Overhead, bridge type: 45 tons through 99 tons	\$76.79	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pavement Breaker	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pile Driver (other Than Crane Mount)	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Plant Oiler - Asphalt, Crusher	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>

Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Posthole Digger, Mechanical	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Power Plant	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Pumps - Water	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Quad 9, HD 41, D10 And Over	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Quick Tower: no cab, under 100 feet in height based to boom	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rigger and Bellman	\$72.22	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rigger/Signal Person, Bellman(Certified)	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Rollagon	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Roller, Other Than Plant Mix	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Roller, Plant Mix Or Multi-lift Materials	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Roto-mill, Roto-grinder	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Saws - Concrete	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Scraper, Self Propelled Under 45 Yards	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Scrapers - Concrete & Carry All	\$74.83	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Scrapers, Self-propelled: 45 Yards And Over	\$76.08	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Service Engineers: equipment	\$75.53	<u>7A</u>	<u>11H</u>	<u>8X</u>	<u>View</u>
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Shotcrete/gunite Equipment	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	<u>View</u>

Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$76.85	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Spreader, Toppers & Screedman	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	\$78.36	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower crane: up to 175' in height base to boom	\$77.56	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom.	\$79.13	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	\$76.08	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$74.83	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and over	\$76.11	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck crane oiler/driver: under 100 tons	\$75.53	7A	11H	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$75.41	15J	3K	8X	View
Lewis	Power Equipment Operators- Underground Sewer & Water	Welder	\$76.79	7A	11H	8X	View

Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Wheel Tractors, Farmall Type	\$71.57	<u>15J</u>	<u>3K</u>	<u>8X</u>	View
Lewis	<u>Power Equipment Operators- Underground Sewer & Water</u>	Yo Yo Pay Dozer	\$75.41	<u>15J</u>	<u>3K</u>	<u>8X</u>	View
Lewis	<u>Power Line Clearance Tree Trimmers</u>	Journey Level In Charge	\$57.22	<u>5A</u>	<u>4A</u>		View
Lewis	<u>Power Line Clearance Tree Trimmers</u>	Spray Person	\$54.32	<u>5A</u>	<u>4A</u>		View
Lewis	<u>Power Line Clearance Tree Trimmers</u>	Tree Equipment Operator	\$57.22	<u>5A</u>	<u>4A</u>		View
Lewis	<u>Power Line Clearance Tree Trimmers</u>	Tree Trimmer	\$51.18	<u>5A</u>	<u>4A</u>		View
Lewis	<u>Power Line Clearance Tree Trimmers</u>	Tree Trimmer Groundperson	\$38.99	<u>5A</u>	<u>4A</u>		View
Lewis	<u>Refrigeration & Air Conditioning Mechanics</u>	Journey Level	\$83.96	<u>5A</u>	<u>1G</u>		View
Lewis	<u>Residential Brick Mason</u>	Journey Level	\$21.96		<u>1</u>		View
Lewis	<u>Residential Carpenters</u>	Journey Level	\$24.89		<u>1</u>		View
Lewis	<u>Residential Cement Masons</u>	Journey Level	\$16.79		<u>1</u>		View
Lewis	<u>Residential Drywall Applicators</u>	Journey Level	\$36.07		<u>1</u>		View
Lewis	<u>Residential Drywall Tapers</u>	Journey Level	\$24.48		<u>1</u>		View
Lewis	<u>Residential Electricians</u>	Journey Level	\$41.03	<u>5A</u>	<u>1B</u>		View
Lewis	<u>Residential Glaziers</u>	Journey Level	\$25.40		<u>1</u>		View
Lewis	<u>Residential Insulation Applicators</u>	Journey Level	\$28.53		<u>1</u>		View
Lewis	<u>Residential Laborers</u>	Journey Level	\$23.10		<u>1</u>		View
Lewis	<u>Residential Marble Setters</u>	Journey Level	\$21.96		<u>1</u>		View
Lewis	<u>Residential Painters</u>	Journey Level	\$18.76		<u>1</u>		View
Lewis	<u>Residential Plumbers & Pipefitters</u>	Journey Level	\$26.35		<u>1</u>		View
Lewis	<u>Residential Refrigeration & Air Conditioning Mechanics</u>	Journey Level	\$32.89		<u>1</u>		View
Lewis	<u>Residential Sheet Metal Workers</u>	Journey Level	\$33.28		<u>1</u>		View
Lewis	<u>Residential Soft Floor Layers</u>	Journey Level	\$15.74		<u>1</u>		View
Lewis	<u>Residential Sprinkler Fitters (Fire Protection)</u>	Journey Level	\$20.28		<u>1</u>		View
Lewis	<u>Residential Stone Masons</u>	Journey Level	\$21.96		<u>1</u>		View
Lewis	<u>Residential Terrazzo Workers</u>	Journey Level	\$15.74		<u>1</u>		View
Lewis	<u>Residential Terrazzo/Tile Finishers</u>	Journey Level	\$15.74		<u>1</u>		View
Lewis	<u>Residential Tile Setters</u>	Journey Level	\$15.74		<u>1</u>		View
Lewis	<u>Roofers</u>	Journey Level	\$59.00	<u>5A</u>	<u>20</u>		View
Lewis	<u>Roofers</u>	Using Irritable Bituminous Materials	\$62.00	<u>5A</u>	<u>20</u>		View
Lewis	<u>Sheet Metal Workers</u>	Journey Level (Field or Shop)	\$94.11	<u>7F</u>	<u>1E</u>		View

Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		1		View
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$56.80	15J	4V	8Y	View
Lewis	Soft Floor Layers	Journey Level	\$55.56	5A	3J		View
Lewis	Solar Controls For Windows	Journey Level	\$15.74		1		View
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$69.97	7J	1R		View
Lewis	Stage Rigging Mechanics (Non Structural)	Journey Level	\$15.74		1		View
Lewis	Stone Masons	Journey Level	\$66.32	7E	1N		View
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		1		View
Lewis	Surveyors	Assistant Construction Site Surveyor	\$75.53	7A	11H	8X	View
Lewis	Surveyors	Chainman	\$72.22	7A	11H	8X	View
Lewis	Surveyors	Construction Site Surveyor	\$76.79	7A	11H	8X	View
Lewis	Surveyors	Drone Operator (when used in conjunction with surveying work only)	\$72.22	7A	11H	8X	View
Lewis	Surveyors	Ground Penetrating Radar	\$72.22	7A	11H	8X	View
Lewis	Telecommunication Technicians	Journey Level	\$51.14	6Z	1B		View
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$39.15	5A	2B		View
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$26.29	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$32.72	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$37.00	5A	2B		View
Lewis	Terrazzo Workers	Journey Level	\$60.36	7E	1N		View
Lewis	Tile Setters	Journey Level	\$60.36	7E	1N		View
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$51.19	7E	1N		View
Lewis	Traffic Control Stripers	Journey Level	\$51.90	7A	1K		View
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards	\$71.70	15J	11M	8L	View
Lewis	Truck Drivers	Asphalt Mix To 16 Yards	\$70.86	15J	11M	8L	View
Lewis	Truck Drivers	Dump Truck	\$70.86	15J	11M	8L	View
Lewis	Truck Drivers	Dump Truck & Trailer	\$71.70	15J	11M	8L	View
Lewis	Truck Drivers	Other Trucks	\$71.70	15J	11M	8L	View
Lewis	Truck Drivers - Ready Mix	Transit Mix	\$71.70	15J	11M	8L	View
Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		1		View
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$15.74		1		View
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		1		View

**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 3/3/2023 thru 8/30/2023

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.
- 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.
- 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.
- M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double 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.

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.

- 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.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

Overtime Codes Continued

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
- 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.
- 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.
- 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.
- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).

All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus \$2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

Overtime Codes Continued

4. V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, 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 work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

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.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- X. 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. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

11. 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 After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

- C 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. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

Overtime Codes Continued

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- F. 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-half times the hourly rate of wage 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.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.
- H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

Overtime Codes Continued

11. J. All hours worked on holidays shall be paid at double the hourly rate of wage.
- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.
- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half 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.
- M. 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.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.
- 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. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars (\$2.00) per hour.
- N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.
- Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

Holiday Codes

- 5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- 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).
- 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. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

Holiday Codes Continued

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

Holiday Codes Continued

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- 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.
- 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.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (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.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

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.
- 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'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Note Codes Continued

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.
- Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:
- (A) – 130’ to 199’ – \$0.50 per hour over their classification rate.
(B) – 200’ to 299’ – \$0.80 per hour over their classification rate.
(C) – 300’ and over – \$1.00 per hour over their classification rate.
- B. 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.
- Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- 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.
- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. 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.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

Note Codes Continued

9. H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

APPENDIX B

BID PROPOSAL DOCUMENTS

INCLUDING:

Notice to Contractor

Proposal Form

Non-Collusion Declaration

Proposal Signature Page

Certification of Compliance with Wage Payment Statutes



Lewis County Department of Public Works

Josh S Metcalf, PE, Director

Tim 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 at or after 12:15 p.m. on **Thursday, March 16, 2023**, at the Lewis County Courthouse in Chehalis, Washington for the Salzer Valley Road HMA Project, SM 20F150510535.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE 12:15 P.M. on Thursday, March 16, 2023

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.
Bids submitted after 12:15 PM 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 **12:15 P.M.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR THE SALZER VALLEY ROAD HMA PROJECT, SM 20F150510535, TO BE OPENED ON OR AFTER 12:15 P.M. ON THURSDAY, MARCH 16, 2023"**.

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. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin, or sex in consideration for an award.

PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the Salzer Valley Road HMA Project, SM 20F150510535, 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		AMOUNT	
			DOLLARS	CENTS	DOLLARS	CENTS
1	1 L.S.	Mobilization	LUMP SUM			
2	200 Ton	HMA CL. 3/8 In. PG 58H-22 Fiber Reinforced				
3	10 Ton	HMA For Approach CL. 3/8 In. PG 58H-22 Fiber Reinforced				
4	1 L.S.	Project Temporary Traffic Control	LUMP SUM			
5	1 L.S.	Trimming and Cleanup	LUMP SUM			
6	1 L.S.	SPCC Plan	LUMP SUM			
			TOTAL BID			

Failure to return this Declaration as part of the bid proposal package will make the bid nonresponsive and ineligible for award.

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

PROPOSAL - SIGNATURE PAGE

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

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

CASH IN THE AMOUNT OF _____

CASHIER'S CHECK _____ DOLLARS

CERTIFIED CHECK (\$_____) PAYABLE TO THE LEWIS COUNTY TREASURER

PROPOSAL BOND IN THE AMOUNT OF 5% OF THE BID

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

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed

Firm Name

Address

State of Washington Contractor's License No.

Unified Business Identifier (U.B.I.) No.

Telephone No.

Federal ID No.

Note:

This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Lewis County Engineer will be cause for considering the proposal irregular and subsequent rejection of the bid.

* Attach Power of Attorney

APPENDIX C

CONTRACT DOCUMENTS

INCLUDING:

Contract Form

Contract Bond

Power Equipment List

CONTRACT

THIS AGREEMENT, made and entered into this ___ day of _____, 2023, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and _____ of _____

for ___sel___, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

WITNESSETH:

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

DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all material necessary to improve Salzer Valley Road MP 5.35 by paving roadway and approaches with HMA, and other work, all in Lewis County Washington, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any extra work which may be ordered as provided in this contract and every part thereof.

The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.

3. The Contractor for himself, and for his heirs, executors, administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

4. It is further provided that no liability shall attach to the County be reason of entering into this contract, except as expressly provided herein.

Contract - 1

5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information for bidders, bid proposal form, general conditions (if any), special conditions (if any), complete specifications and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

By: _____

Contractor

Performance of foregoing contract assured in accordance with the terms of the accompanying bond.

Dated: _____, 2023

By: _____

Surety

By: _____

Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN MEYER Prosecuting Attorney

By: _____

Civil Deputy

**CONTRACT BOND FOR
LEWIS COUNTY, WASHINGTON**

Bond No. _____

WE, _____ d/b/a _____
(Insert legal name of Contractor) (Insert trade name of Contractor, if any)

(hereinafter "Principal"), and _____ (hereinafter "Surety"), are held and firmly bound unto **LEWIS COUNTY, WASHINGTON** (hereinafter "County"), as Obligee, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract No. **SM 20F150510535** 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 **Salzer Valley Road HMA 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. **SM 20F150510535** between the below-named Contractor and County for the **Salzer Valley Road HMA 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.

APPENDIX D

FEDERAL CONTRACT PROVISIONS

STATE AND FEDERAL LAWS TO BE OBSERVED

The APPLICANT must comply with all state and federal laws in performing all tasks undertaken with respect to the Public Assistance Program. The following sections are included for informational purposes and are not professed to include all relevant laws. It is the APPLICANT's responsibility to comply with all federal, state, and local laws.

- 1. EQUAL EMPLOYMENT OPPORTUNITY** – All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."
- 2. COPELAND "ANTI-KICKBACK" ACT (18 U.S.C. 874 AND 40 U.S.C. 276c)** – All contracts and subgrants in excess of \$2,000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.
- 3. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C 327-333)** – Where applicable, all contracts awarded by recipients in excess of \$2,000 for construction contracts and in excess of \$2,500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous.

These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
- 4. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT** – Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.
- 5. CLEAN AIR ACT (42 U.S.C. 7401 et seq.) AND THE FEDERAL WATER POLLUTION CONTROL ACT(33 U.S.C. 1251 et seq.), as amended** – Contractors and subgrants of amounts in excess of \$100,000 shall contain a provision that requires the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33

U.S.C. 1251 et seq.) Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

- 6. BYRD ANTI-LOBBYING AMENDMENT (31 U.S.C. 1352)** – Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying in non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.
- 7. DEBARMENT AND SUSPENSION (E.O.s 12549 and 12689)** – No contract shall be made to parties listed on the General Services Administration’s List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, “Debarment and Suspension.” This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.
- 8. PUBLIC LAW 88-352, TITLE VI OF THE CIVIL RIGHTS ACT OF 1964(42 U.S.C. 2000d et seq.) (24 CFR Part 1).** The APPLICANT must comply with the provisions of "Public Law 88-352," which refers to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.). The law provides that no person in the United States shall, on the grounds of race, color or national origin, be denied the benefits of, be excluded from participation in, or be subjected to discrimination under any program or activity receiving federal financial assistance.
- 9. SECTION 504 OF THE REHABILITATION ACT, 1973, AS AMENDED (29 U.S.C. 794).** The APPLICANT must comply with Section 504 of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual shall, solely by reason of his or her disability, be excluded from participation (including employment), denied program benefits or be subjected to discrimination under any program or activity receiving federal assistance funds.
- 10. AMERICANS WITH DISABILITIES ACT (42 U.S.C. 12101, et seq.)** The APPLICANT shall comply with the provisions of the Americans with Disabilities Act, 42 U.S.C. 12101, et. seq. That Act provides a comprehensive national mandate to eliminate discrimination against individuals with disabilities. The Act may impose requirements on the APPLICANT in four principle ways: 1) with respect to employment; 2) with respect to the provision of public services; 3) with respect to transportation; 4) with respect to existing facilities and new construction.
- 11. THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (NEPA) (42 U.S.C Section 4321 et seq., and 24 CFR Part 58).** The APPLICANT shall comply with the provisions of the National Environmental Policy Act of 1969. The purpose of this Act is to attain the widest use of the environment without degradation, risk to health or safety, or other undesirable and unintended consequences. Environmental review procedures, including determining and publishing a Finding of Significance or of No Significance for a proposal, are a necessary part of this process. Pursuant to these provisions, the APPLICANT must also submit environmental certifications to the DEPARTMENT when requesting that funds be released for the project. The APPLICANT must certify that the proposed project will not significantly impact the environment and that the APPLICANT has complied with environmental

regulations and fulfilled its obligations to give public notice of the funding request, environmental findings and compliance performance.

12. EXECUTIVE ORDER 11990, MAY 24, 1977: PROTECTION OF WETLANDS (42 F.R. 26961 et seq.) The APPLICANT shall comply with Executive Order 11990. The intent of this Executive Order is (1) to avoid, to the extent possible, adverse impacts associated with the destruction or modification of wetland, and (2) to avoid direct or indirect support of new construction in wetlands wherever there is a practical alternative. The APPLICANT, to the extent permitted by law, must avoid undertaking or providing assistance for new construction located in wetlands unless (1) there is no practical alternative to such construction, and (2) the proposed action includes all practical measures to minimize harm to wetlands which may result from such use. In making this determination, the APPLICANT may take into account economic, environmental and other pertinent factors.

13. EXECUTIVE ORDER 11988, MAY 24, 1977: FLOODPLAIN MANAGEMENT (42 F.R. 26951 et seq.) The APPLICANT shall comply with the provisions of Executive Order 11988. The intent of this Executive Order is to (1) avoid, to the extent possible, adverse impacts associated with the occupancy and modification of floodplains, and (2) avoid direct or indirect support of floodplain development wherever there is a practical alternative. If the APPLICANT proposes to conduct, support or allow an action to be located in a floodplain, the APPLICANT must consider alternatives to avoid adverse effects and incompatible involvement in the floodplain. If siting in a floodplain is the only practical alternative, the APPLICANT must, prior to taking any action (1) design or modify its actions in order to minimize any potential harm to the floodplain, and (2) prepare and circulate a notice containing an explanation of why the action is proposed to be located in a floodplain.

14. THE WILD AND SCENIC RIVERS ACT OF 1968, AS AMENDED (16 U.S.C. 1271 et seq.) The APPLICANT shall comply with the Wild and Scenic Rivers Act. The purpose of this Act is to preserve selected rivers or sections of rivers in their free-flowing condition, to protect the water quality of such rivers and to fulfill other vital national conservation goals. Federal assistance by loan, grant, license, or other mechanism cannot be provided to water resources construction projects that would have a direct and adverse effect on any river included or designated for study or inclusion in the National Wild and Scenic River System.

15. COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED (16 U.S.C. 1451 et seq.) The APPLICANT shall comply with the Coastal Zone Management Act of 1972, as amended. The intent of this Act is to preserve, protect, develop, and where possible, restore or enhance the resources of the nation's coastal zone. Federal agencies cannot approve assistance for proposed projects that are inconsistent with the state's Coastal Zone Management program except upon a finding by the U.S. Secretary of Commerce that such a project is consistent with the purpose of this chapter or necessary in the interests of national security.

16. THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED (16 U.S.C. 1531 et seq.) The APPLICANT shall comply with the Endangered Species Act of 1973, as amended. The intent of this Act is to ensure that all federally assisted projects seek to preserve endangered or threatened species. Federally authorized and funded projects must not jeopardize the continued existence of endangered and threatened species or result in the destruction of or modification of habitat of such species which is determined by the U.S. Department of the Interior, after consultation with the state, to be critical.

17. THE RESERVOIR SALVAGE ACT OF 1960, AS AMENDED BY THE ARCHAEOLOGICAL

AND HISTORIC PRESERVATION ACT OF 1974 (16 U.S.C. 469 et seq.). Under the Reservoir Salvage Act, the APPLICANT must comply with provisions for the preservation of historical and archaeological data (including relics and specimens) that might otherwise be irreparably lost or destroyed as a result of any alteration of the terrain caused as a result of any federal construction project or federally licensed activity or program. Whenever the APPLICANT finds, or is notified in writing by an appropriate historical or archaeological authority, that its activities in connection with any federal funded construction project or federally licensed project, activity or program may cause irreparable loss or destruction of significant scientific, prehistoric, historical or archaeological data, the APPLICANT must stop work immediately and must notify the U.S. Secretary of Interior and the Department in writing and provide appropriate information concerning the project or program activity.

18. THE ARCHAEOLOGICAL AND HISTORICAL DATA PRESERVATION ACT OF 1974 (16 U.S.C. 469 a-1 et seq.). The APPLICANT shall comply with the Archaeological and Historical Data Preservation Act, which provides for the preservation of historic and archaeological information that would be lost due to development and construction activities as a result of federally funded activities.

19. THE SAFE DRINKING WATER ACT OF 1974, AS AMENDED (42 U.S.C. Section 201, 300(f) et seq., and U.S.C. Section 349). The APPLICANT must comply with the Safe Drinking Water Act, as amended, which is intended to protect underground sources of water.

No commitment for federal financial assistance, according to this Act, shall be entered into for any project, which the U.S. Environmental Protection Agency determines, may contaminate an aquifer that is the sole or principal drinking water source for an area.

20. THE FEDERAL WATER POLLUTION CONTROL ACT OF 1972, AS AMENDED, INCLUDING THE CLEAR WATER ACT OF 1977, PUBLIC LAW 92-212 (33 U.S.C. SECTION 1251 et seq.). The APPLICANT must assure compliance with the Water Pollution Control Act, as amended, which provides for the restoration of chemical, physical and biological integrity of the nation's water.

21. THE SOLID WASTE DISPOSAL ACT, AS AMENDED BY THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 (42 U.S.C. SECTION 6901 et seq.) The APPLICANT must assure compliance with the Solid Waste Disposal Act, as amended. The purpose of this Act is to promote the protection of health and the environment and to conserve valuable material and energy resources.

22. THE FISH AND WILDLIFE COORDINATION ACT OF 1958, AS AMENDED (16 U.S.C. SECTION 661 et seq.) The APPLICANT must assure compliance with the Fish and Wildlife Coordination Act, as amended. The Act assures that wildlife conservation receives equal consideration and is coordinated with other features of water resources development programs.

23. RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICY, CHAPTER 8.26 RCW. The APPLICANT shall comply with the provisions of Chapter 8.26 RCW and Chapter 365-24 WAC when its activities involve any acquisition of real property assisted under this Grant Agreement or the displacement of any family, individual, business, nonprofit organization or farm that results from such acquisition.

24. STATE ENVIRONMENTAL POLICY ACT (SEPA), CHAPTER 43.21 (C) RCW. The APPLICANT shall comply with the provisions of Chapter 43.21(C) RCW and Chapter 197-11 WAC, the guidelines by which local agencies will (1) require environmental

checklists from private and public entities considering an action potentially subject to the Environmental Impact Statement (EIS) requirement of SEPA, (2) make "threshold determinations" that such an action will not have a significant environmental impact, (3) provide for the preparation of a draft and final EIS if the action has significant impact, and (4) circulate the EIS to other agencies and interested parties.

- 25. NOISE CONTROL, CHAPTER 70.107 RCW.** The APPLICANT shall assure compliance with the state Noise Control Act. Objectives of the Act are to assist local governments in implementing local noise ordinances and to control and reduce excessive noise in Washington.
- 26. SHORELINE MANAGEMENT ACT OF 1971, CHAPTER 90.58 RCW.** The APPLICANT shall comply with the provisions of Chapter 90.58 RCW. This Act defines a planning program and a permit system, which are initiated at the local government level under state guidance. Its purpose is to protect and enhance the state's shoreline and it includes a comprehensive shoreline inventory process and a master program for regulation of shoreline uses. A permit application at the local level must be in compliance with those plans and consistent with the state Coastal Zone Management program if substantial developments and shoreline modifications occur, and a record of the application and decision must be submitted to the state.
- 27. STATE BUILDING CODE, CHAPTER 19.27 RCW; ENERGY RELATED BUILDING STANDARDS, CHAPTER 19.27A RCW; AND PROVISIONS IN BUILDINGS FOR AGED AND HANDICAPPED PERSONS, CHAPTER 70.92 RCW.** The APPLICANT shall comply with the provisions of Chapter 19.27 RCW, Chapter 19.27A RCW, Chapter 70.92 RCW and the regulations for building construction and for barrier free facilities adopted by the Washington State Building Code Council pursuant to these statutes. The State Building Code Act provides for a uniform state building code and mandates counties, cities and towns to administer and enforce its provisions. Local governments are authorized to modify the state building code to fit local conditions as long as such modifications do not result in a code that is less than the minimum performance standards and objectives contained in the state code.
- 28. OPEN PUBLIC MEETINGS ACT, CHAPTER 42.30 RCW.** The APPLICANT shall comply with provisions of Chapter 42.30 RCW which require that all meetings of the governing body which pertain to this Grant Agreement shall be open to the public except those where specific provision is made for executive sessions pursuant to RCW 42.30.110.
- 29. LAW AGAINST DISCRIMINATION, CHAPTER 49.60 RCW.** The APPLICANT shall comply with the provisions of Chapter 49.60 RCW in all activities relating to this Grant Agreement.
- 30. GOVERNOR'S EXECUTIVE ORDER 89-10, DECEMBER 11, 1989: PROTECTION OF WETLANDS, AND GOVERNOR'S EXECUTIVE ORDER 90-04, APRIL 21, 1990: PROTECTION OF WETLANDS.** The APPLICANT shall ensure that it avoids any activities that would adversely affect wetlands and adequately mitigates unavoidable impacts. For the purposes of this requirement, except where a contrary definition is provided by statute, mitigation means: (1) avoiding the impact altogether by not taking certain action or part of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying the impact by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; (5) compensating for the impact by replacing, enhancing, or providing substitute resources or environments; and (6) monitoring the impact and taking appropriate corrective measures.

Mitigation for individual actions may include a combination of the above measures. Mitigation may not include any of the above measures to the extent that they may be contrary to statute as applied under the particular circumstances. Emergency work that is essential to save lives and protect property and public health is exempt from these provisions.

31. PREVAILING WAGES ON PUBLIC WORKS, CHAPTER 39.12 RCW. The APPLICANT shall comply with the provisions of Chapter 39.12, Prevailing Wages on Public Works. This statute mandates that the prevailing rate of wage, as determined by the State Department of Labor and Industries, be paid to workers performing under public works contracts.

32. CONTRACTING WITH SMALL MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE AND LABOR SURPLUS AREA FIRMS. In accordance 44 CFR 13.36(e), Contracting With Small and Minority Firms, if employing contractors or suppliers the Contractor will take affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible. (1) The grantee and subgrantee will take all necessary affirmative steps to assure that minority firms, women's enterprises and labor surplus area firms are used when possible. (2) Affirmative steps shall include: (i) Placing qualified small and minority businesses, and women's business enterprises on solicitation lists; (ii) Assuring that small and minority enterprises are solicited whenever they are potential sources; (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises; (iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises; (v) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and (vi) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (e)(2)(i) through (v) of this section.

33. PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATION EQUIPMENT OR SERVICES

(a) *Definitions.* As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim), as used in this clause—

(b) *Prohibitions.*

(1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.

(2) Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:

(i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or

service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or

(iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

(c) Exceptions.

(1) This clause does not prohibit contractors from providing— (i) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or (ii) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) By necessary implication and regulation, the prohibitions also do not apply to: (i) Covered telecommunications equipment or services that:

i. Are not used as a substantial or essential component of any system; and

ii. Are not used as critical technology of any system.

(ii) Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.

(d) Reporting requirement.

(1) In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) *Subcontracts.* The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

34. DOMESTIC PREFERENCE FOR PROCUREMENTS

As appropriate, and to the extent consistent with law, the contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

For purposes of this clause:

Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

Manufactured products mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

In compliance with section 1225 of the Disaster Recovery Reform Act of 2018, the APPLICANT and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

35. COMPLIANCE WITH FEDERAL LAW, REGULATIONS AND EXECUTIVE ORDERS AND ACKNOWLEDGEMENT OF FEDERAL FUNDING

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

36. NO OBLIGATION BY FEDERAL GOVERNMENT

The federal government is not a party to this contract and is not subject to any obligations or liabilities to the non-federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

37. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

38. AFFIRMATIVE SOCIOECONOMIC STEPS

If subcontracts are to be let, the prime contractor is required to take all necessary steps identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

39. COPYRIGHT AND DATA RIGHTS

License and Delivery of Works Subject to Copyright and Data Rights

The Contractor grants to the APPLICANT, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Contractor will identify such data and grant to the APPLICANT or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography,

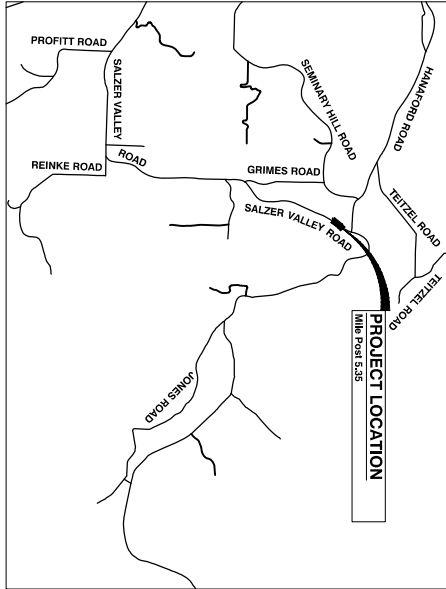
pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Contractor will deliver to the APPLICANT data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the APPLICANT.

APPENDIX E

CONTRACT PLANS

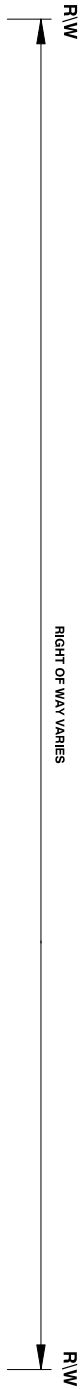
SALZER VALLEY ROAD

M.P. 5.35
LENGTH 335 L.F.



VICINITY MAP

SUMMARY OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
1	MOBILIZATION	LUMP SUM	LUMP SUM
HOT MIX ASPHALT			
2	HMA CL. 3/8 IN. PG 58H-22 FIBER REINFORCED	200	TON
3	HMA FOR APPROACH CL. 3/8 IN. PG 58H-22 FIBER REINFORCED TRAFFIC	10	TON
4	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
OTHER			
5	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
6	SPILL PREVENTION CONTROL AND CONTEMPORARY PLAN	LUMP SUM	LUMP SUM



- LEGEND**
- ① HMA CL. 3/8" IN. PG 58H-22 FIBER REINFORCED
 - ② SHOULDER FINISHING TO BE DONE BY OTHERS

CONSTRUCTION NOTES

- ◇ ROADWAY CROSS SLOPES SHALL FOLLOW EXISTING CROSS SLOPES
- ◇ ALL DEPTHS ARE COMPACTED DEPTH

* PAVING LIMITS WILL VARY IN TRANSITION AREAS AND IN APPROACHES

ROADWAY SECTION

NOT TO SCALE



2025 M.E. KRISKEY, A.E.
CHEHALIS, VA 26832
PHONE # (880) 740-1123
FAX # (880) 740-2719

DESIGNED BY: J. PEPER
DRAWN BY: J. PEPER
CHECKED BY:
DATE:

NO.	DATE	REVISION	BY	APP.

SALZER VALLEY ROAD HMA PROJECT

SPECIAL MAINTENANCE PROJECT NO. 23P-15911063
VICINITY MAP
SUMMARY OF QUANTITIES
ROADWAY SECTION

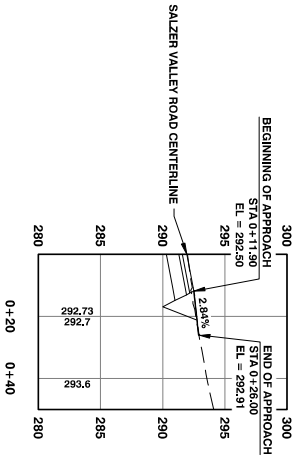
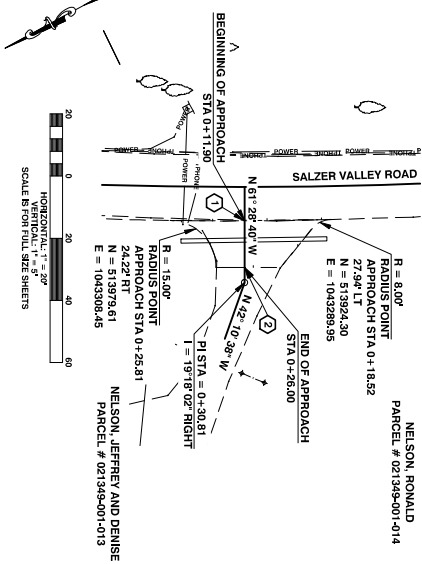
SHEET 1 OF 2



1-800-468-6868
LEWIS COUNTY, VIRGINIA
DEPARTMENT OF PUBLIC WORKS

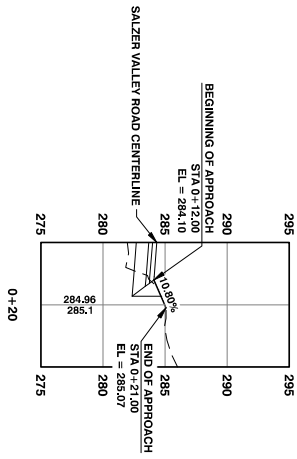
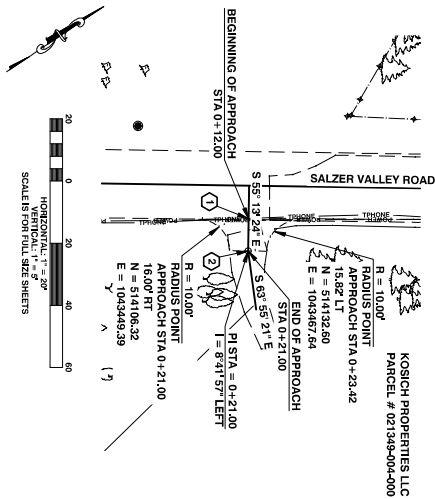
APPROACH
 APPROACH STATION 0+11.90 TO APPROACH STATION 0+26.00

- CONSTRUCTION NOTES:**
- ① STA 0+11.90 BEGIN APPROACH
 - ② STA 0+11.90 TO STA 0+26.00 SEE APPROACH PAVING SECTION ON THIS SHEET
 - ③ STA 0+26.00 END OF APPROACH TO MATCH EXISTING GROUND
 - ④ TOTAL WIDTH AT END OF APPROACH = 25.80'
- NOTE:**
 APPROACH SLOPES WILL BE 3:1 LEFT AND RIGHT
- APPROACH QUANTITIES:**
 7 TON HMA FOR APPROACH CLASS 3/8 IN, PG 58H-22 FIBER REINFORCED, 0.15' DEPTH

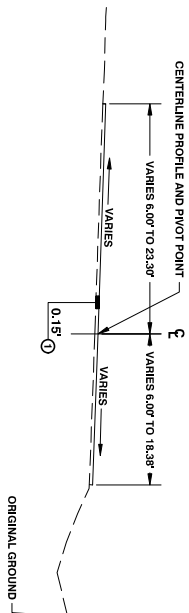


APPROACH
 APPROACH STATION 0+12.00 TO APPROACH STATION 0+21.00

- CONSTRUCTION NOTES:**
- ① STA 0+12.00 BEGIN APPROACH
 - ② STA 0+12.00 TO STA 0+21.00 SEE APPROACH PAVING SECTION ON THIS SHEET
 - ③ STA 0+21.00 END OF APPROACH TO MATCH EXISTING GROUND
 - ④ TOTAL WIDTH AT END OF APPROACH = 12.00'
- NOTE:**
 APPROACH SLOPES WILL BE 3:1 LEFT AND RIGHT
- APPROACH QUANTITIES:**
 3 TON HMA FOR APPROACH CLASS 3/8 IN, PG 58H-22 FIBER REINFORCED, 0.15' DEPTH



① HMA FOR APPROACH CL. 3/8" IN, PG 58H-22 FIBER REINFORCED



APPROACH PAVING SECTION

NOT TO SCALE

<p>2025 N. E. KERSBY AVE. CHEHALIS WA 98532 PHONE # (360) 740-1123 FAX # (360) 740-2719</p>	DESIGNED BY: J. ROPER DRAWN BY: J. ROPER CHECKED BY: DATE:	NO. DATE REVISION	BY: J. ROPER SALZER VALLEY ROAD HMA PROJECT	SPECIAL MAINTENANCE PROJECT NO. 20P190570935 APPROACH PLAN AND PROFILES	SHEET 2 OF 2	<p>SCALE BAR 1" = 20' 0 20 40 HORIZONTAL: 1" = 20' VERTICAL: 1" = 20' SCALE IS FOR FULL SIZE SHEETS</p>
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