

Lewis County
Department of Public Works
Engineering Division

**CONTRACT
PROVISIONS AND PLANS
FOR CONSTRUCTION OF:**

**2018 COUNTYWIDE
HMA PROJECT**

COUNTY ROAD PROJECT NO. 2179C

May, 2018

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



BOARD OF COUNTY COMMISSIONERS

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

1

2 **INTRODUCTION**

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

5

6 **AMENDMENTS TO THE STANDARD SPECIFICATIONS**

7

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

12

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

15

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

17 April 2, 2018

18 **1-02.6 Preparation of Proposal**

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

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

23

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

26

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

28

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

34

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

36

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

41

42 **1-02.13 Irregular Proposals**

43 Item 1(h) is revised to read:

- 44
- 45 h. The Bidder fails to submit Underutilized Disadvantaged Business Enterprise Good Faith
46 Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that
47 is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was
48 made;
- 49

1 Item 1(i) is revised to read the following three items:
2

- 3 i. The Bidder fails to submit an Underutilized Disadvantaged Business Enterprise Trucking
4 Credit Form, if applicable, as required in Section 1-02.6, or if the Form that is submitted fails
5 to meet the requirements of the Special Provisions;
- 6
7 j. The Bidder fails to submit an Underutilized Disadvantaged Business Enterprise Broker
8 Agreement, if applicable, as required in Section 1-02.6, or if the documentation that is
9 submitted fails to demonstrate that the fee/commission is reasonable as determined by the
10 Contracting Agency; or
- 11
12 k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material
13 terms of the Bid invitation.
14

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

16 April 2, 2018

17 **1-05.9 Equipment**

18 The following new paragraph is inserted before the first paragraph:
19

20 Prior to mobilizing equipment on site, the Contractor shall thoroughly remove all loose dirt and
21 vegetative debris from drive mechanisms, wheels, tires, tracks, buckets and undercarriage. The
22 Engineer will reject equipment from the site until it returns clean.
23

24 This section is supplemented with the following:
25

26 Upon completion of the Work, the Contractor shall completely remove all loose dirt and vegetative
27 debris from equipment before removing it from the job site.
28

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

30 April 2, 2018

31 **1-07.5 Environmental Regulations**

32 This section is supplemented with the following new subsections:
33

34 **1-07.5(5) U.S. Army Corps of Engineers**

35 When temporary fills are permitted, the Contractor shall remove fills in their entirety and the
36 affected areas returned to pre-construction elevations.
37

38 If a U.S. Army Corps of Engineers permit is noted in Section 1-07.6 of the Special Provisions, the
39 Contractor shall retain a copy of the permit or the verification letter (in the case of a Nationwide
40 Permit) on the worksite for the life of the Contract. The Contractor shall provide copies of the
41 permit or verification letter to all subcontractors involved with the authorized work prior to their
42 commencement of any work in waters of the U.S.
43

44 **1-07.5(6) U.S. Fish/Wildlife Services and National Marine Fisheries Service**

45 The Contracting Agency will provide fish exclusion and handling services if the Work dictates.
46 However, if the Contractor discovers any fish stranded by the project and a Contracting Agency
47 biologist is not available, they shall immediately release the fish into a flowing stream or open
48 water.
49

50 **1-07.5(1) General**

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

2
3 No Work shall occur within areas under the jurisdiction of resource agencies unless authorized in
4 the Contract.

5
6 The third paragraph is deleted.

7
8 **1-07.5(2) State Department of Fish and Wildlife**

9 This section is revised to read:

10
11 In doing the Work, the Contractor shall:

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

23
24
25
26
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29
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31
32 If the Work in (1) through (3) above differs little from what the Contract requires, the Contracting
33 Agency will measure and pay for it at unit Contract prices. But if Contract items do not cover those
34 areas, the Contracting Agency will pay pursuant to Section 1-09.4. Work in (4) through (8) above
35 shall be incidental to Contract pay items.

36
37 **1-07.7(1) General**

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

39
40 When the Contractor moves equipment or materials on or over Structures, culverts or pipes, the
41 Contractor may operate equipment with only the load-limit restrictions in Section 1-07.7(2).

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

44
45 Unit prices shall cover all costs for operating over Structures, culverts and pipes.

46
47 **1-07.9(2) Posting Notices**

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

49
50 The Contractor shall ensure the most current edition of the following are posted:

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

3
4 **1-07.11(2) Contractual Requirements**

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

6
7 Item numbers 1 through 9 are revised to read 2 through 10, respectively.

8
9 After the preceding Amendment is applied, the following new item number 1 is inserted:

- 10
11 1. The Contractor shall maintain a Work site that is free of harassment, humiliation, fear, hostility
12 and intimidation at all times. Behaviors that violate this requirement include but are not limited
13 to:
- 14 a. Persistent conduct that is offensive and unwelcome.
 - 15 b. Conduct that is considered to be hazing.
 - 16 c. Jokes about race, gender, or sexuality that are offensive.
 - 17 d. Unwelcome, unwanted, rude or offensive conduct or advances of a sexual nature which
18 interferes with a person’s ability to perform their job or creates an intimidating, hostile,
19 or offensive work environment.
 - 20 e. Language or conduct that is offensive, threatening, intimidating or hostile based on race,
21 gender, or sexual orientation.
 - 22 f. Repeating rumors about individuals in the Work Site that are considered to be harassing
23 or harmful to the individual’s reputation.
- 24
25
26
27
28
29
30

31 **1-07.11(5) Sanctions**

32 This section is supplemented with the following:

33
34 Immediately upon the Engineer’s request, the Contractor shall remove from the Work site any
35 employee engaging in behaviors that promote harassment, humiliation, fear or intimidation
36 including but not limited to those described in these specifications.

37

38 **1-07.11(6) Incorporation of Provisions**

39 The first sentence is revised to read:

40
41 The Contractor shall include the provisions of Section 1-07.11(2) Contractual Requirements (1)
42 through (5) and the Section 1-07.11(5) Sanctions in every subcontract including procurement of
43 materials and leases of equipment.

44

45 **1-07.18 Public Liability and Property Damage Insurance**

46 Item number 1 is supplemented with the following new sentence:

47
48 This policy shall be kept in force from the execution date of the Contract until the Physical
49 Completion Date.

50

1 **INTRODUCTION**

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

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

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

- 16
- 17 (date) General Special Provision
- 18 (*****) Notes a revision to a General Special Provision
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
23 many projects, usually in more than one Region. Usually, the only difference from one project to
24 another is 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
34 Lewis County Engineer; that wherever the words “State Treasurer” are used they shall mean
35 Lewis County Treasurer; that wherever the words “State Auditor” are used they shall mean
36 Lewis County Auditor; that wherever the words “Motor Vehicle Fund” are used they shall
37 mean Lewis County Road Fund.

38 **SPECIAL PROVISIONS**

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

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

43
44 (March 13, 1995)

45
46 This contract provides for the improvement of *** various roads in Lewis County by pavement repair,
47 cleaning, sweeping, applying tack coat, surface grinding, placing geogrid reinforcement, paving with
48 HMA, approach transitions, shoulder finishing, traffic control and paving various Bridge approaches
49 with HMA *** and other work, all in accordance with the attached Contract Plans, these Contract
50 Provisions, and the Standard Specifications.

1
2 **1-01.3 Definitions**

3 *(January 4, 2016 APWA GSP)*

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

7
8 **Dates**

9 ***Bid Opening Date***

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

11 ***Award Date***

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

14 ***Contract Execution Date***

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

16 ***Notice to Proceed Date***

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

18 ***Substantial Completion Date***

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

24 ***Physical Completion Date***

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

28 ***Completion Date***

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

33 ***Final Acceptance Date***

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

35
36 Supplement this Section with the following:

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

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

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

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

4
5 **Additive**

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

8
9 **Alternate**

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

13
14 **Business Day**

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

17
18 **Contract Bond**

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

22
23 **Contract Documents**

24 See definition for “Contract”.

25
26 **Contract Time**

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

29
30 **Notice of Award**

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

33
34 **Notice to Proceed**

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

38
39 **Traffic**

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

42
43 **1-02, BID PROCEDURES AND CONDITIONS**

44
45 **1-02.1 Prequalification of Bidders**

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

48
49 **1-02.1 Qualifications of Bidder**

50 (January 24, 2011 APWA GSP)

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

4 5 **1-02.2 Plans and Specifications**

6 **(*****)**

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

8
9 Copies of the plans, specifications and soils information are on file in the office of:

10
11 Lewis County Public Works Department
12 2025 NE Kresky Ave.
13 Chehalis, Washington 98532
14 (360) 740-2612

15
16 The second paragraph of section 1-02.2 is revised to read:

17
18 Prospective bidders may obtain plans and specifications from Lewis County Public
19 Works Department in Chehalis, Washington or download from Lewis County Website at
20 www.lewiscountywa.gov.

21 22 **1-02.6 Preparation Of Proposal**

23 **(August 2, 2004)**

24
25 The fifth and sixth paragraphs of Section 1-02.6 are deleted.

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

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

29
30 Section 1-02.12 is supplemented with the following:

31 32 **Date and Time of Bid Opening**

33 The Board of County Commissioners of Lewis County or designee, will open sealed proposals
34 and publicly read them aloud on or after 11:00 a.m. on **June 5, 2018**, at the Lewis County
35 Courthouse, Chehalis, Washington, for the 2018 Countywide HMA Project, CRP 2179C.

36 37 **SEALED BIDS MUST BE DELIVERED BY OR BEFORE**

38 **11:00 A.M. on Tuesday, June 5, 2018**

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

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

43 Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners
44 (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532) by or before **11:00**
45 **a.m.** on the date specified for opening, and in an envelope clearly marked: **“SEALED BID FOR**
46 **THE 2018 COUNTYWIDE HMA PROJECT, CRP 2179C, TO BE OPENED ON OR AFTER**
47 **11:00 A.M. ON JUNE 5, 2018.**

48 49 **1-02.13 Irregular Proposals**

50 **(June 20, 2017 APWA GSP)**

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

- 53
54 1. A Proposal will be considered irregular and will be rejected if:
55 a. The Bidder is not prequalified when so required;

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

2. A Proposal may be considered irregular and may be rejected if:

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

1-02.14 Disqualification of Bidders

(July 31, 2017 APWA GSP, Option B)

Delete this section and replace it with the following:

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

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

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

1
2 **1. Delinquent State Taxes**
3

4 A Criterion: The Bidder shall not owe delinquent taxes to the Washington State
5 Department of Revenue without a payment plan approved by the Department of
6 Revenue.

7
8 B. Documentation: The Bidder shall not be listed on the Washington State Department
9 of Revenue's "Delinquent Taxpayer List" website:
10 <http://dor.wa.gov/content/fileandpaytaxes/latefiling/dtlwest.aspx> , or if they are so
11 listed, they must submit a written payment plan approved by the Department of
12 Revenue, to the Contracting Agency by the deadline listed below.

13
14 **2. Federal Debarment**
15

16 A Criterion: The Bidder shall not currently be debarred or suspended by the Federal
17 government.

18
19 B. Documentation: The Bidder shall not be listed as having an "active exclusion" on the
20 U.S. government's "System for Award Management" database (www.sam.gov).

21
22 **3. Subcontractor Responsibility**
23

24 A Criterion: The Bidder's standard subcontract form shall include the subcontractor
25 responsibility language required by RCW 39.06.020, and the Bidder shall have an
26 established procedure which it utilizes to validate the responsibility of each of its
27 subcontractors. The Bidder's subcontract form shall also include a requirement that
28 each of its subcontractors shall have and document a similar procedure to determine
29 whether the sub-tier subcontractors with whom it contracts are also "responsible"
30 subcontractors as defined by RCW 39.06.020.

31
32 B. Documentation: The Bidder, if and when required as detailed below, shall submit a
33 copy of its standard subcontract form for review by the Contracting Agency, and a
34 written description of its procedure for validating the responsibility of subcontractors
35 with which it contracts.
36

37 **4. Claims Against Retainage and Bonds**
38

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

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

- 50 • Name of project
- 51 • The owner and contact information for the owner;
- 52

- A list of claims filed against the retainage and/or payment bond for any of the projects listed;
- A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

5. **Public Bidding Crime**

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

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

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

7. **Lawsuits**

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

As evidence that the Bidder meets Supplemental Criteria 3-7 stated above, the apparent low Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid submittal deadline, a written statement verifying that the Bidder meets supplemental criteria 3-7 together with supporting documentation (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with Supplemental Criteria 3-7. The Contracting Agency reserves the right to request further documentation as needed from the low Bidder and documentation from other Bidders as well to assess Bidder

1 responsibility and compliance with all bidder responsibility criteria. The Contracting Agency
2 also reserves the right to obtain information from third-parties and independent sources of
3 information concerning a Bidder's compliance with the mandatory and supplemental criteria,
4 and to use that information in their evaluation. The Contracting Agency may consider
5 mitigating factors in determining whether the Bidder complies with the requirements of the
6 supplemental criteria.

7
8 The basis for evaluation of Bidder compliance with these mandatory and supplemental criteria
9 shall include any documents or facts obtained by Contracting Agency (whether from the Bidder
10 or third parties) including but not limited to: (i) financial, historical, or operational data from the
11 Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the
12 Bidder has worked, or other public agencies or private enterprises; and (iii) any additional
13 information obtained by the Contracting Agency which is believed to be relevant to the matter.
14

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

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

35 **1-02.15 Pre Award Information** 36 (August 14, 2013 APWA GSP)

37
38 Revise this section to read:
39

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

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

1
2 **1-03, AWARD AND EXECUTION OF CONTRACT**

3
4 **1-03.3 Execution of Contract**
5 (October 1, 2005 APWA GSP)
6

7 Revise this section to read:
8

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

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

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

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

28
29 **1-03.4 Contract Bond**
30 (July 23, 2015 APWA GSP)
31

32 Delete the first paragraph and replace it with the following:
33

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

- 38 1. Be on Contracting Agency-furnished form(s);
39 2. Be signed by an approved surety (or sureties) that:
40 a. Is registered with the Washington State Insurance Commissioner, and
41 b. Appears on the current Authorized Insurance List in the State of Washington published
42 by the Office of the Insurance Commissioner,
43 3. Guarantee that the Contractor will perform and comply with all obligations, duties, and
44 conditions under the Contract, including but not limited to the duty and obligation to
45 indemnify, defend, and protect the Contracting Agency against all losses and claims related
46 directly or indirectly from any failure:
47 a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors
48 of the Contractor) to faithfully perform and comply with all contract obligations, conditions,
49 and duties, or

- b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

1-05, CONTROL OF WORK

(March 13, 1995)

1-05.7 Removal Of Defective And unauthorized Work

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

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

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

1
2 Delete the sixth and seventh paragraphs of this section.

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

5 (March 25, 2009 APWA GSP)

6 Revise the second paragraph to read:

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

15
16 **1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

17
18 **1-07.2 State Taxes**

19
20 Delete this section, including its sub-sections, in its entirety and replace it with the following:

21
22 **1-07.2 State Sales Tax**

23 (*June 27, 2011 APWA GSP*)

24
25 The Washington State Department of Revenue has issued special rules on the State sales tax.
26 Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should
27 contact the Washington State Department of Revenue for answers to questions in this area. The
28 Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood
29 tax liability.

30
31 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract
32 amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2)
33 describes this exception.

34
35 The Contracting Agency will pay the retained percentage (or release the Contract Bond if a
36 FHWA-funded Project) only if the Contractor has obtained from the Washington State
37 Department of Revenue a certificate showing that all contract-related taxes have been paid
38 (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any
39 amount the Contractor may owe the Washington State Department of Revenue, whether the
40 amount owed relates to this contract or not. Any amount so deducted will be paid into the proper
41 State fund.

42
43 **1-07.2(1) State Sales Tax — Rule 171**

44
45 WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets, roads,
46 etc., which are owned by a municipal corporation, or political subdivision of the state, or by the
47 United States, and which are used primarily for foot or vehicular traffic. This includes storm or
48 combined sewer systems within and included as a part of the street or road drainage system and
49 power lines when such are part of the roadway lighting system. For work performed in such
50 cases, the Contractor shall include Washington State Retail Sales Taxes in the various unit bid
51 item prices, or other contract amounts, including those that the Contractor pays on the purchase
52 of the materials, equipment, or supplies used or consumed in doing the work.

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

2
3 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing
4 buildings, or other structures, upon real property. This includes, but is not limited to, the
5 construction of streets, roads, highways, etc., owned by the state of Washington; water mains
6 and their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and
7 disposal systems are within, and a part of, a street or road drainage system; telephone,
8 telegraph, electrical power distribution lines, or other conduits or lines in or above streets or
9 roads, unless such power lines become a part of a street or road lighting system; and installing
10 or attaching of any article of tangible personal property in or to real property, whether or not such
11 personal property becomes a part of the realty by virtue of installation.

12
13 For work performed in such cases, the Contractor shall collect from the Contracting Agency,
14 retail sales tax on the full contract price. The Contracting Agency will automatically add this
15 sales tax to each payment to the Contractor. For this reason, the Contractor shall not include the
16 retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170,
17 with the following exception.

18
19 Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a
20 subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable
21 supplies not integrated into the project. Such sales taxes shall be included in the unit bid item
22 prices or in any other contract amount.

23
24 **1-07.2(3) Services**

25
26 The Contractor shall not collect retail sales tax from the Contracting Agency on any contract
27 wholly for professional or other services (as defined in Washington State Department of
28 Revenue Rules 138 and 244).

29
30 **1-07.7 Load Limits**

31 Section 1-07.7 is supplemented with the following:

32
33 (*****)

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

37
38 Any vehicle providing material paid for by the ton, on the project, will provide licensed tonnage
39 for that vehicle.

40
41 **1-07.9 Wages**

42
43 **General**

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

45
46 (*****)

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

49
50 (April 2, 2007)

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

52 State prevailing wage rates for public works contracts are included in this contract and show
53 a separate listing for the occupation:
54

1 Landscape Construction, which includes several different occupation descriptions such
2 as: Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment
3 Operators, and Landscaping or Planting Laborers.

4
5 In addition, federal wage rates that are included in this contract may also include occupation
6 descriptions in Federal Occupational groups for work also specifically identified with
7 landscaping such as:

8
9 Laborers with the occupation description, Landscaping or Planting, or

10
11 Power Equipment Operators with the occupation description, Mulch Seeding Operator.

12
13 If Federal wage rates include one or more rates specified as applicable to landscaping work,
14 then Federal wage rates for all occupation descriptions, specific or general, must be
15 considered and compared with corresponding State wage rates. The higher wage rate,
16 either State or Federal, becomes the minimum wage rate for the work performed in that
17 occupation.

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

28 29 **1-07.11 Requirements For Nondiscrimination**

30 Section 1-07.11 is supplemented with the following:

31
32 (August 5, 2013)

33 Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order
34 11246)

- 35
36 1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard
37 Federal Equal Employment Opportunity Construction Contract Specifications set forth
38 herein.
- 39
40 2. The goals and timetables for minority and female participation set by the Office of Federal
41 Contract Compliance Programs, expressed in percentage terms for the Contractor's
42 aggregate work force in each construction craft and in each trade on all construction work
43 in the covered area, are as follows:

44 45 Women - Statewide

46 47 Timetable

48
49 Until further notice

50 51 Goal

6.9%

Minorities - by Standard Metropolitan Statistical Area (SMSA)

1 Spokane, WA:

2 SMSA Counties:

3 Spokane, WA 2.8
4 WA Spokane.

5 Non-SMSA Counties 3.0

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

8
9 Richland, WA

10 SMSA Counties:

11 Richland Kennewick, WA 5.4
12 WA Benton; WA Franklin.

13 Non-SMSA Counties 3.6

14 WA Walla Walla.

15
16 Yakima, WA:

17 SMSA Counties:

18 Yakima, WA 9.7
19 WA Yakima.

20 Non-SMSA Counties 7.2

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

22
23 Seattle, WA:

24 SMSA Counties:

25 Seattle Everett, WA 7.2
26 WA King; WA Snohomish.

27 Tacoma, WA 6.2
28 WA Pierce.

29 Non-SMSA Counties 6.1

30 WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA
31 Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA
32 Whatcom.

33
34 Portland, OR:

35 SMSA Counties:

36 Portland, OR-WA 4.5
37 WA Clark.

38 Non-SMSA Counties 3.8

39 WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.

40
41 These goals are applicable to each nonexempt Contractor's total on-site construction
42 workforce, regardless of whether or not part of that workforce is performing work on a
43 Federal, or federally assisted project, contract, or subcontract until further notice.
44 Compliance with these goals and time tables is enforced by the Office of Federal Contract
45 compliance Programs.

46
47 The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part
48 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific
49 affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a),
50 and its efforts to meet the goals. The hours of minority and female employment and
51 training must be substantially uniform throughout the length of the contract, in each
52 construction craft and in each trade, and the Contractor shall make a good faith effort to
53 employ minorities and women evenly on each of its projects. The transfer of minority or

1 female employees or trainees from Contractor to Contractor or from project to project for
2 the sole purpose of meeting the Contractor's goal shall be a violation of the contract, the
3 Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will
4 be measured against the total work hours performed.
5

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

14
15 U.S. Department of Labor
16 Office of Federal Contract Compliance Programs Pacific Region
17 Attn: Regional Director
18 San Francisco Federal Building
19 90 – 7th Street, Suite 18-300
20 San Francisco, CA 94103(415) 625-7800 Phone
21 (415) 625-7799 Fax
22

23 Additional information may be found at the U.S. Department of Labor website:
24 <http://www.dol.gov/ofccp/TAGuides/ctaguide.htm>
25

- 26 4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area
27 is as designated herein.
28

29 Standard Federal Equal Employment Opportunity Construction Contract Specifications
30 (Executive Order 11246)
31

- 32 1. As used in these specifications:

- 33 a. Covered Area means the geographical area described in the solicitation from
34 which this contract resulted;
35
36 b. Director means Director, Office of Federal Contract Compliance Programs, United
37 States Department of Labor, or any person to whom the Director delegates
38 authority;
39
40 c. Employer Identification Number means the Federal Social Security number used
41 on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form
42 941;
43
44 d. Minority includes:
45
46 (1) Black, a person having origins in any of the Black Racial Groups of
47 Africa.
48
49 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of
50 Mexican, Puerto Rican, Cuban, Central American, South American, or
51 other Spanish origin.
52
53

1 (3) Asian or Pacific Islander, a person having origins in any of the original
2 peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands
3 and Samoa.

4
5 (4) American Indian or Alaskan Native, a person having origins in any of the
6 original peoples of North America, and who maintain cultural
7 identification through tribal affiliation or community recognition.
8

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

1 document these efforts fully, and shall implement affirmative action steps at least as
2 extensive as the following:

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

1 at any job site. A written record shall be made and maintained identifying the time
2 and place of these meetings, persons attending, subject matter discussed, and
3 disposition of the subject matter.

- 4
- 5 h. Disseminate the Contractor's EEO policy externally by including it in any
- 6 advertising in the news media, specifically including minority and female news
- 7 media, and providing written notification to and discussing the Contractor's EEO
- 8 policy with other Contractors and Subcontractors with whom the Contractor does
- 9 or anticipates doing business.
- 10
- 11 i. Direct its recruitment efforts, both oral and written to minority, female and
- 12 community organizations, to schools with minority and female students and to
- 13 minority and female recruitment and training organizations serving the
- 14 Contractor's recruitment area and employment needs. Not later than one month
- 15 prior to the date for the acceptance of applications for apprenticeship or other
- 16 training by any recruitment source, the Contractor shall send written notification to
- 17 organizations such as the above, describing the openings, screening procedures,
- 18 and tests to be used in the selection process.
- 19
- 20 j. Encourage present minority and female employees to recruit other minority
- 21 persons and women and where reasonable, provide after school, summer and
- 22 vacation employment to minority and female youth both on the site and in other
- 23 areas of a Contractor's work force.
- 24
- 25 k. Validate all tests and other selection requirements where there is an obligation to
- 26 do so under 41 CFR Part 60-3.
- 27
- 28 l. Conduct, at least annually, an inventory and evaluation of all minority and female
- 29 personnel for promotional opportunities and encourage these employees to seek
- 30 or to prepare for, through appropriate training, etc., such opportunities.
- 31
- 32 m. Ensure that seniority practices, job classifications, work assignments and other
- 33 personnel practices, do not have a discriminatory effect by continually monitoring
- 34 all personnel and employment related activities to ensure that the EEO policy and
- 35 the Contractor's obligations under these specifications are being carried out.
- 36
- 37 n. Ensure that all facilities and company activities are nonsegregated except that
- 38 separate or single-user toilet and necessary changing facilities shall be provided
- 39 to assure privacy between the sexes.
- 40
- 41 o. Document and maintain a record of all solicitations of offers for subcontracts from
- 42 minority and female construction contractors and suppliers, including circulation of
- 43 solicitations to minority and female contractor associations and other business
- 44 associations.
- 45
- 46 p. Conduct a review, at least annually, of all supervisors' adherence to and
- 47 performance under the Contractor's EEO policies and affirmative action
- 48 obligations.
- 49

- 50 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling
- 51 one or more of their affirmative action obligations (7a through 7p). The efforts of a
- 52 contractor association, joint contractor-union, contractor-community, or other similar group
- 53 of which the Contractor is a member and participant, may be asserted as fulfilling any one

1 or more of the obligations under 7a through 7p of this Special Provision provided that the
2 Contractor actively participates in the group, makes every effort to assure that the group
3 has a positive impact on the employment of minorities and women in the industry, ensure
4 that the concrete benefits of the program are reflected in the Contractor's minority and
5 female work-force participation, makes a good faith effort to meet its individual goals and
6 timetables, and can provide access to documentation which demonstrate the effectiveness
7 of actions taken on behalf of the Contractor. The obligation to comply, however, is the
8 Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the
9 Contractor's noncompliance.

- 10
- 11 9. A single goal for minorities and a separate single goal for women have been established.
12 The Contractor, however, is required to provide equal employment opportunity and to take
13 affirmative action for all minority groups, both male and female, and all women, both
14 minority and non-minority. Consequently, the Contractor may be in violation of the
15 Executive Order if a particular group is employed in substantially disparate manner (for
16 example, even though the Contractor has achieved its goals for women generally, the
17 Contractor may be in violation of the Executive Order if a specific minority group of women
18 is underutilized).
- 19
- 20 10. The Contractor shall not use the goals and timetables or affirmative action standards to
21 discriminate against any person because of race, color, religion, sex, or national origin.
22
- 23 11. The Contractor shall not enter into any subcontract with any person or firm debarred from
24 Government contracts pursuant to Executive Order 11246.
25
- 26 12. The Contractor shall carry out such sanctions and penalties for violation of these
27 specifications and of the Equal Opportunity Clause, including suspensions, terminations
28 and cancellations of existing subcontracts as may be imposed or ordered pursuant to
29 Executive Order 11246, as amended, and its implementing regulations by the Office of
30 Federal Contract Compliance Programs. Any Contractor who fails to carry out such
31 sanctions and penalties shall be in violation of these specifications and Executive Order
32 11246, as amended.
33
- 34 13. The Contractor, in fulfilling its obligations under these specifications, shall implement
35 specific affirmative action steps, at least as extensive as those standards prescribed in
36 paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to
37 ensure equal employment opportunity. If the Contractor fails to comply with the
38 requirements of the Executive Order, the implementing regulations, or these specifications,
39 the Director shall proceed in accordance with 41 CFR 60-4.8.
40
- 41 14. The Contractor shall designate a responsible official to monitor all employment related
42 activity to ensure that the company EEO policy is being carried out, to submit reports
43 relating to the provisions hereof as may be required by the government and to keep
44 records. Records shall at least include, for each employee, their name, address, telephone
45 numbers, construction trade, union affiliation if any, employee identification number when
46 assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee,
47 helper, or laborer), dates of changes in status, hours worked per week in the indicated
48 trade, rate of pay, and locations at which the work was performed. Records shall be
49 maintained in an easily understandable and retrievable form; however, to the degree that
50 existing records satisfy this requirement, the Contractors will not be required to maintain
51 separate records.
52

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

5
6 16. Additional assistance for Federal Construction Contractors on contracts administered by
7 Washington State Department of Transportation or by Local Agencies may be found at:

8
9 Washington State Dept. of Transportation
10 Office of Equal Opportunity
11 PO Box 47314
12 310 Maple Park Ave. SE
13 Olympia WA
14 98504-7314
15 Ph: 360-705-7090
16 Fax: 360-705-6801
17 <http://www.wsdot.wa.gov/equalopportunity/default.htm>

18
19 **1-07.17 Utilities And Similar Facilities**

20 (April 2, 2007)

21 Section 1-07.17 is supplemented with the following:

22
23 Locations and dimensions shown in the Plan for existing facilities are in accordance with available
24 information obtained without uncovering, measuring, or other verification.

25
26 The following addresses and telephone numbers of utility companies known or suspected of
27 having facilities within the project limits are supplied for the Contractor's convenience:

28
29 Lewis County P.U.D. No. 1
30 321 NW Pacific Avenue
31 Chehalis, WA 98532
32 Telephone (360) 748-9261

33
34 Comcast
35 440 Yauger Way SW
36 Olympia, WA. 98570
37 Telephone (360) 357-1230

38
39 Puget Sound Energy
40 2711 Pacific Ave. SE
41 Olympia, WA. 98501
42 Telephone (425) 392-6412

43
44
45 TDS Telecom
46 PO Box 218
47 La Center, WA. 98629
48 Telephone (877) 407-6235

33 Centurylink
34 Dena Overaa
35 8102 Skansie Ave.
36 Gig Harbor, WA 98332-9904
37 Telephone (206) 733-5262

38 Sprint
39 Steven Schauer
40 2210 S. 35th ST.
41 Tacoma, WA 98409
42 Telephone (360) 402-4159

43
44 Toledo Telephone Company Inc.
45 116 Ramsey Way
46 Toledo, WA 98591
47 Telephone: (360) 864-4552

48
49
50 The Contractor shall call the Underground locate service (800-424-5555) two to ten days prior to
51 construction at each project site. The Contractor shall notify the Utility Owner of any utilities that are
52 within two feet of the planned construction. The above list of Utility Owners may not be complete. As
53 per RCW 19.122 it shall be the Contractors responsibility to contact the owners of utilities known or
54 suspected of having services close to the project site.

1
2 **1-07.18 Public Liability and Property Damage Insurance**

3
4 Delete this section in its entirety, and replace it with the following:

5
6 **1-07.18 Insurance**

7 *(January 4, 2016 APWA GSP)*

8
9 **1-07.18(1) General Requirements**

- 10 A. The Contractor shall procure and maintain the insurance described in all subsections of section
11 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less
12 than A-: VII and licensed to do business in the State of Washington. The Contracting Agency
13 reserves the right to approve or reject the insurance provided, based on the insurer's financial
14 condition.
- 15
16 B. The Contractor shall keep this insurance in force without interruption from the commencement of
17 the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical
18 Completion date, unless otherwise indicated below.
- 19
20 C. If any insurance policy is written on a claims made form, its retroactive date, and that of all
21 subsequent renewals, shall be no later than the effective date of this Contract. The policy shall
22 state that coverage is claims made, and state the retroactive date. Claims-made form coverage
23 shall be maintained by the Contractor for a minimum of 36 months following the Completion Date
24 or earlier termination of this Contract, and the Contractor shall annually provide the Contracting
25 Agency with proof of renewal. If renewal of the claims made form of coverage becomes
26 unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting
27 period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to
28 assure financial responsibility for liability for services performed.
- 29
30 D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella
31 Liability insurance policies shall be primary and non-contributory insurance as respects the
32 Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance,
33 self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be
34 excess of the Contractor's insurance and shall not contribute with it.
- 35
36 E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice
37 of any policy cancellation, within two business days of their receipt of such notice.
- 38
39 G. The Contractor shall not begin work under the Contract until the required insurance has been
40 obtained and approved by the Contracting Agency
- 41
42 H. Failure on the part of the Contractor to maintain the insurance as required shall constitute a
43 material breach of contract, upon which the Contracting Agency may, after giving five business
44 days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its
45 discretion, procure or renew such insurance and pay any and all premiums in connection
46 therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at
47 the sole discretion of the Contracting Agency, offset against funds due the Contractor from the
48 Contracting Agency.
- 49
50 I. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the
51 Contract and no additional payment will be made.

52
53 **1-07.18(2) Additional Insured**

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

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

5
6 The above-listed entities shall be additional insured(s) for the full available limits of liability
7 maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are
8 greater than those required by this Contract, and irrespective of whether the Certificate of Insurance
9 provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those maintained by
10 the Contractor.

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

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

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

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

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

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

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

38
39 Verification of coverage shall include:

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

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

1
2 **1-07.18(5) Coverages and Limits**

3 The insurance shall provide the minimum coverages and limits set forth below. Contractor's
4 maintenance of insurance, its scope of coverage, and limits as required herein shall not be
5 construed to limit the liability of the Contractor to the coverage provided by such insurance, or
6 otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.
7

8 All deductibles and self-insured retentions must be disclosed and are subject to approval by the
9 Contracting Agency. The cost of any claim payments falling within the deductible or self-insured
10 retention shall be the responsibility of the Contractor. In the event an additional insured incurs a
11 liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured
12 retention shall be the responsibility of the Contractor.
13

14 **1-07.18(5)A Commercial General Liability**

15 Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO
16 occurrence form CG 00 01, including but not limited to liability arising from premises, operations,
17 stop gap liability, independent contractors, products-completed operations, personal and advertising
18 injury, and liability assumed under an insured contract. There shall be no exclusion for liability
19 arising from explosion, collapse or underground property damage.
20

21 The Commercial General Liability insurance shall be endorsed to provide a per project general
22 aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.
23

24 Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's
25 completed operations for at least three years following Substantial Completion of the Work.
26

27 Such policy must provide the following minimum limits:

28	\$1,000,000	Each Occurrence
29	\$2,000,000	General Aggregate
30	\$2,000,000	Products & Completed Operations Aggregate
31	\$1,000,000	Personal & Advertising Injury each offence
32	\$1,000,000	Stop Gap / Employers' Liability each accident

33

34 **1-07.18(5)B Automobile Liability**

35 Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written
36 on a coverage form at least as broad as ISO form CA 00 01. If the work involves the transport of
37 pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.
38

39 Such policy must provide the following minimum limit:

40	\$1,000,000	Combined single limit each accident
----	-------------	-------------------------------------

41

42 **1-07.18(5)C Workers' Compensation**

43 The Contractor shall comply with Workers' Compensation coverage as required by the Industrial
44 Insurance laws of the State of Washington.
45

46 **1-07.23, PUBLIC CONVENIENCE AND SAFETY**

47
48 **1-07.23(1) Construction Under Traffic**

49 Section 1-07.23(1) is supplemented with the following:
50

1 (January 2, 2012)

2 **Work Zone Clear Zone**

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

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

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

18
19 The Contractor's nonessential vehicles and employees private vehicles shall not be
20 permitted to park within the WZCZ at any time unless protected as described above.

21
22 Deviation from the above requirements shall not occur unless the Contractor has
23 requested the deviation in writing and the Engineer has provided written approval.

24
25 Minimum WZCZ distances are measured from the edge of traveled way and will be
26 determined as follows:

27

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

28 * or 2-feet beyond the outside edge of sidewalk

29
30 **Minimum Work Zone Clear Zone Distance**

31
32 **1-08, PROSECUTION AND PROGRESS**

33 **1-08.0 Preliminary Matters**

34 (May 25, 2006 APWA GSP)

35
36 Add the following new section:

37
38 **1-08.0(1) Preconstruction Conference**

39 (October 10, 2008 APWA GSP)

40
41
42 Prior to the Contractor beginning the work, a preconstruction conference will be held between
43 the Contractor, the Engineer and such other interested parties as may be invited. The purpose
44 of the preconstruction conference will be:

- 45 1. To review the initial progress schedule;

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

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

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

Add the following new section:

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

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

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

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

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

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

- 1 5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and
2 recorded properly on certified payroll

3
4 **1-08.1 Subcontracting**
5 *(February 16, 2018 APWA GSP)*

6
7 The eighth and ninth paragraphs are revised to read:

8
9 On all projects, the Contractor shall certify to the actual amount received from the Contracting
10 Agency and amounts paid to all firms that were used as Subcontractors, lower tier subcontractors,
11 manufacturers, regular dealers, or service providers on the Contract. This includes all
12 Disadvantaged, Minority, Small, Veteran or Women's Business Enterprise firms. This Certification
13 shall be submitted to the Engineer on a monthly basis each month between Execution of the
14 Contract and Physical Completion of the Contract using the application available at:
15 <https://wsdot.diversitycompliance.com>. A monthly report shall be submitted for every month
16 between Execution of the Contract and Physical Completion regardless of whether payments were
17 made or work occurred.

18
19 The Contractor shall comply with the requirements of RCW 39.04.250, 39.76.011, 39.76.020, and
20 39.76.040, in particular regarding prompt payment to Subcontractors. Whenever the Contractor
21 withholds payment to a Subcontractor for any reason including disputed amounts, the Contractor
22 shall provide notice within 10 calendar days to the Subcontractor with a copy to the Contracting
23 Agency identifying the reason for the withholding and a clear description of what the Subcontractor
24 must do to have the withholding released. Retainage withheld by the Contractor prior to completion
25 of the Subcontractors work is exempt from reporting as a payment withheld and is not included in
26 the withheld amount. The Contracting Agency's copy of the notice to Subcontractor for deferred
27 payments shall be submitted to the Engineer concurrently with notification to the Subcontractor.

28
29 Section 1-08.1 is supplemented with the following:

30
31 (October 12, 1998)

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

37
38 A Subcontractor or lower tier Subcontractor will not be permitted to perform any work under the
39 contract until the following documents have been completed and submitted to the Engineer:

- 40
41 1. Request to Sublet Work (Form 421-012), and
42 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid
43 Projects (Form 420-004).

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

51
52 **1-08.1(1) Subcontract Completion and Return of Retainage Withheld**

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

1
2 (June 27, 2011)

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

4
5 **Requirements**

- 6 1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not
7 later than ten (10) days after receipt of payment from the Contracting Agency for work
8 satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's
9 interest therein.
- 10
11 2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor
12 shall be made within 30 days after Subcontractor's Work is satisfactorily completed.
- 13
14 3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when all
15 task and requirements of the Subcontract have been accomplished and including any
16 required documentation and material testing.
- 17
18 4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may
19 result in one or more of the following:
- 20
21 a. Withholding of payments until the Prime Contractor or Subcontractor complies
- 22
23 b. Failure to comply shall be reflected in the Prime Contractor's Performance
24 Evaluation
- 25
26 c. Cancellation, Termination, or Suspension of the Contract, in whole or in part
- 27
28 d. Other sanctions as provided by the subcontractor or by law under applicable prompt
29 pay statutes.

30
31 **Conditions**

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

36
37 **Payment**

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

40
41 **1-08.3(2)A Type A Progress Schedule**

42 *(March 13, 2012 APWA GSP)*

43
44 Revise this section to read:

45
46 The Contractor shall submit ~~\$\$\$~~ 3 ~~\$\$\$~~ copies of a Type A Progress Schedule no later than one
47 week before the preconstruction conference, or some other mutually agreed upon submittal time.
48 The schedule may be a critical path method (CPM) schedule, bar chart, or other standard
49 schedule format. Regardless of which format used, the schedule shall identify the critical path.
50 The Engineer will evaluate the Type A Progress Schedule and approve or return the schedule for
51 corrections within 15 calendar days of receiving the submittal.

52
53 **Contractor's Weekly Activities**

54 *(*****)*

2018 Countywide HMA Project
CRP 2179C.

1
2 The Contractor shall submit a weekly schedule to the Engineer. The schedule shall indicate the
3 Contractor's proposed activities for the forthcoming week along with the hours of work. This will
4 permit the Engineer to more effectively provide the contract engineering and inspection for the
5 Contractor's operations.

6
7 The written weekly activity schedule shall be submitted to the Engineer or a designated assistant
8 before the end of the last shift on the next to the last working day of the week preceding the
9 indicated activities, or other mutually agreeable time.

10
11 If the Contractor proceeds with work not indicated on the weekly activity schedule, or in a
12 sequence differing from that which has been shown on the schedule, the Engineer may require
13 the Contractor to delay unscheduled activities until they are included on a subsequent weekly
14 activity schedule.

15
16 Separately, and in addition to the weekly schedule, the Contractor shall submit weekly a summary
17 of project activities to the Engineer. The summary of activities shall include a report of the nature
18 and progress of each of the major activities that were advanced on the project within the previous
19 week.

20
21 It shall be sufficiently detailed that a composite history of the project develops. The locations and
22 approximate quantity guardrail and traffic control work shall be reported. Unusual activity, and
23 conditions or events that may affect the course of the project shall also be reported.

24 25 **1-08.4 Prosecution of Work**

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

28 29 **1-08.4 Notice to Proceed and Prosecution of Work** 30 *(July 23, 2015 APWA GSP)*

31
32 Notice to Proceed will be given after the contract has been executed and the contract bond and
33 evidence of insurance have been approved and filed by the Contracting Agency. The Contractor
34 shall not commence with the work until the Notice to Proceed has been given by the Engineer.
35 The Contractor shall commence construction activities on the project site within ten days of the
36 Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently
37 pursue the work to the physical completion date within the time specified in the contract.
38 Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of
39 the responsibility to complete the work within the time(s) specified in the contract.

40
41 When shown in the Plans, the first order of work shall be the installation of high visibility fencing
42 to delineate all areas for protection or restoration, as described in the Contract. Installation of
43 high visibility fencing adjacent to the roadway shall occur after the placement of all necessary
44 signs and traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing,
45 the Contractor shall request the Engineer to inspect the fence. No other work shall be performed
46 on the site until the Contracting Agency has accepted the installation of high visibility fencing, as
47 described in the Contract.

48 49 **1-08.5 Time for Completion** 50 *(September 12, 2016 APWA GSP, Option B)*

51
52 Revise the third and fourth paragraphs to read:
53

1 Contract time shall begin on the first working day following the ~~\$\$14 \$\$~~ calendar day after the
2 Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then
3 contract time shall begin on the first working day when onsite work begins.
4

5 Each working day shall be charged to the contract as it occurs, until the contract work is physically
6 complete. If substantial completion has been granted and all the authorized working days have
7 been used, charging of working days will cease. Each week the Engineer will provide the
8 Contractor a statement that shows the number of working days: (1) charged to the contract the
9 week before; (2) specified for the physical completion of the contract; and (3) remaining for the
10 physical completion of the contract. The statement will also show the nonworking days and any
11 partial or whole day the Engineer declares as unworkable. Within 10 calendar days after the date
12 of each statement, the Contractor shall file a written protest of any alleged discrepancies in it. To
13 be considered by the Engineer, the protest shall be in sufficient detail to enable the Engineer to
14 ascertain the basis and amount of time disputed. By not filing such detailed protest in that period,
15 the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is
16 approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the
17 week in which a 4-10 shift is worked would ordinarily be charged as a working day, then the fifth
18 day of that week will be charged as a working day whether or not the Contractor works on that
19 day.
20

21 Revise the sixth paragraph to read:
22

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

- 26 1. The physical work on the project must be complete; and
- 27 2. The Contractor must furnish all documentation required by the contract and required by law,
28 to allow the Contracting Agency to process final acceptance of the contract. The following
29 documents must be received by the Project Engineer prior to establishing a completion date:
 - 30 a. Certified Payrolls (per Section 1-07.9(5)).
 - 31 b. Material Acceptance Certification Documents
 - 32 c. Monthly Reports of Amounts Credited as DBE Participation, as required by the Contract
33 Provisions.
 - 34 d. Final Contract Voucher Certification
 - 35 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all
36 Subcontractors
 - 37 f. Property owner releases per Section 1-07.24

38
39 (*****)

40 This project shall be physically completed within *** 25 *** working days.
41

42 **1-08.9 Liquidated Damages** 43 *(August 14, 2013 APWA GSP)* 44

45 Revise the fourth paragraph to read:
46

47 When the Contract Work has progressed to Substantial Completion as defined in the Contract,
48 the Engineer may determine that the work is Substantially Complete. The Engineer will notify
49 the Contractor in writing of the Substantial Completion Date. For overruns in Contract time
50 occurring after the date so established, the formula for liquidated damages shown above will not
51 apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated
52 damages shall be assessed on the basis of direct engineering and related costs assignable to

1 the project until the actual Physical Completion Date of all the Contract Work. The Contractor
2 shall complete the remaining Work as promptly as possible. Upon request by the Project
3 Engineer, the Contractor shall furnish a written schedule for completing the physical Work on the
4 Contract.
5

6 **1-09, MEASUREMENT AND PAYMENT**

7 **1-09.7 Mobilization**

8 Section 1-08.5 is supplemented with the following:
9

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

12 The Contractor shall notify the Contracting Agency of Staging area locations within five (5) days of
13 award for review and approval.
14

15 **1-09.9 Payments**

16 *(March 13, 2012 APWA GSP)*
17

18 Delete the first four paragraphs and replace them with the following:
19

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

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

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

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

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

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

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

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

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

11
12 **1-09.9(1) Retainage**

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

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

16
17 **1-09.11 Disputes and Claims**

18
19 **1-09.11(3) Time Limitation and Jurisdiction**

20 *(July 23, 2015 APWA GSP)*

21
22 Revise this section to read:

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

37
38 **1-09.13 Claims Resolution**

39
40 **1-09.13(3) Claims \$250,000 or Less**

41 *(October 1, 2005 APWA GSP)*

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

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

49

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

2 *(July 23, 2015 APWA GSP)*

3
4 Revise the third paragraph to read:

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

13
14 **1-09.13(4) Claims in Excess of \$250,000**

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

17
18 **CLAIMS RESOLUTION**

19 *(*****)*

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

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

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

1 by privilege) and learned treatises upon which the expert is expected
2 to testify and render an opinion(s), synopsis of the basis for such
3 opinion(s), and a resume of the expert detailing his/her qualifications
4 as an expert and pursuant to rendering such opinion(s). A list of
5 documents and other exhibits the party intends to offer in evidence at
6 the arbitration hearing. Either party may request a copy of any
7 document listed, and a copy or description of any other exhibit listed.
8 The party receiving the request shall provide the copies or description
9 within five (5) calendar days. The parties or arbitrator may subpoena
10 parties in accordance with the Superior Court Mandatory Arbitration
11 Rules (MAR) of Washington, Rule 4.3, and witness fees and costs shall
12 be provided for under Rule 6.4, thereof. The arbitrator may permit a
13 party to call a witness or offer a document or other exhibit not included
14 in the statement of proof only upon a showing of good cause.
15

16 b) The arbitration hearing shall be conducted at a location within Lewis County,
17 Washington. The extent of application of the Washington Rules of Evidence shall
18 be determined in the exercise of sound discretion of the arbitrator, except that such
19 Rules should be liberally construed in order to promote justice. The parties should
20 stipulate to the admission of evidence when there is no genuine issue as to its
21 relevance or authenticity. The decision of the arbitrator and the specific grounds for
22 the decision shall be in writing. The arbitrator shall use the contract as a basis for
23 its decisions. The County and the Contractor agree to be bound by the decision of
24 the arbitrator, subject to such remedies as are provided in Ch. 7.04 RCW. Judgment
25 upon the award rendered by the arbitrator shall be entered as judgment before the
26 presiding judge of the Superior Court for Lewis County. Each party shall bear its
27 own costs in connection with the arbitration. Each party shall pay one-half of the
28 arbitrator's fees and expenses.
29

30 **1-10, TEMPORARY TRAFFIC CONTROL**

31 **1-10.2 Traffic Control Management**

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

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

36 (January 3, 2017)

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

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

45 Evergreen Safety Council
46 12545 135th Ave. NE
47 Kirkland, WA 98034-8709
48 1-800-521-0778
49

50 The American Traffic Safety Services Association
51
52
53

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

6 **1-10.2(2) Traffic Control Plans**

7 (*****)

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

10 The Contracting Agency has attached a Traffic Control Plan in Appendix A for temporary traffic
11 control use on this project. **A supplement traffic control plan (sheet 15 of 15) is found in the**
12 **Contract Plans for the work to be performed at Jackson Hwy and SR 12 Intersection. Work**
13 **to be performed for the northside Jackson Hwy/ SR12 Intersection shall be performed with**
14 **a one day road closure for both north and south bound lanes for bituminous planning and**
15 **HMA prelevel only. Other work after prelevelling course will follow Appendix A Traffic**
16 **Control Plan.** Alternating one-way traffic shall be maintained by the Contractor as shown in the
17 Traffic Control Plan. All signs required for this project (as shown on the Traffic Control Plan) shall
18 be the Contractors responsibility to furnish, erect, and maintain. The Contractor shall adopt the
19 Traffic Control Plan in writing to the Engineer or furnish a new plan. The Contractor shall conduct
20 his operations on the roadway in a manner that one-way traffic is maintained at all times, unless
21 otherwise directed by the Engineer. Portable Changeable Message Sign and Variable Message
22 Sign will be provided by others for the Jackson Hwy, SR 12 intersection.
23

24 If determined by the Engineer that additional signing (not shown on the Traffic Control Plan) is
25 needed, it shall be the Contractors responsibility to furnish, erect, and maintain these additional
26 signs at no cost to the Contracting Agency.
27

28 **1-10.2(3) Conformance to Established Standards**

29 (*****)

30 Section 1-10.2(3) is supplemented with the following:
31

32 The latest revision of the WSDOT Manual M54-44 "Work Zone Traffic Control Guidelines"
33 (WZTCG) is hereby made a part of this contract by reference as if contained fully herein.
34

35 **EXISTING SIGNS**

36 (*****)

37
38 During the life of the contract, the Contractor shall be responsible for all existing signs damaged or
39 removed by construction operations.
40

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

48 Signs damaged or removed shall be replaced by the Contractor at no cost to the County.
49

50 All costs involved in removing, maintaining and resetting existing signing as specified shall be
51 considered incidental to the project and included in the various bid items therein. No additional
52 compensation will be allowed.
53

1 **DIVISION 3**
2 **PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING**
3

4 **3-01, PRODUCTION FROM QUARRY AND PIT SITES**

5
6 **3-01.4 Contractor Furnished Material Sources**

7
8 **3-01.4(1) Acquisition and Development**
9 **(*****)**

10
11 Section 3-01.4(1) is supplemented with the following:

12
13 No source has been provided for any materials necessary for the construction of this project.
14

15 **DIVISION 4**
16 **BASES**
17

18 **4-04, BALLAST AND CRUSHED SURFACING**

19
20 **4-04.1 Description**
21 **(*****)**

22 Section 4-04.1 is supplemented with the following:

23
24 This work shall consist of shoulder finishing by grading the existing surfacing material, and
25 furnishing and placing additional crushed surfacing along the edge of the new pavement and
26 covering the existing shoulders as shown in the plans or directed by the Engineer.
27

28 **4-04.2 Materials**
29 **(*****)**

30 Section 4-04.2 is supplemented with the following:

31
32 Crushed Surfacing Top Course used in the construction of shoulder finishing shall meet the
33 requirements of Section 9-03.9(3). Crushed surfacing used in shoulder finishing will be
34 accepted by the Engineer based upon satisfactory performance of the material for its
35 intended use. The material may be tested at the discretion of the Engineer.
36

37 **4-04.3 Construction Requirements**

38
39 **4-04.3(9) Hauling**
40 **(*****)**

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

42
43 All crushed surfacing materials shall require hauling from the aggregate source to the project.
44 No payment will be made for hauling of the Crushed Surfacing on this project. The cost of
45 hauling and spreading the crushed surfacing material shall be included in the unit contract
46 prices for the various items involved.
47

48 **4-04.3(7) Miscellaneous Requirements**
49 **(*****)**

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

1
2 **Shoulder Finishing**

3
4 Shoulder finishing material shall not be placed until the abutting pavement has been completed,
5 unless designated by the Engineer. Shoulder finishing material shall be placed by a spreader
6 box in one lift. Processing of the shoulder finishing material on the roadway shall not be permitted.

7
8 The existing shoulder material, as well as any additional crushed surfacing material required shall
9 be placed, watered, and compacted against the vertical edge of the pavement, including road
10 approaches. Hand work may be required in areas of guardrail and road approaches. The
11 Contractor shall grade the existing shoulder material to a uniform slope, remove all debris (sod,
12 large rocks, etc.) and dress all berms resulting from this operation to the satisfaction of the
13 Engineer. The material shall be graded into place and compacted by wheel rolling a minimum of
14 two passes with a motor grader or comparable piece of equipment in areas where the shoulder
15 is narrow. In all areas where the shoulder is wide enough, as determined by the Engineer, a steel
16 drum vibratory compactor shall be used. For compaction, water shall be applied as determined
17 by the Engineer. Damage to the HMA mat due to the Contractor's operation shall be repaired at
18 no cost to the Contracting Agency.

19
20 Following the placement of crushed surfacing material each day, the new mainline and shoulder
21 pavement shall be cleaned of all dirt and debris to the satisfaction of the Engineer. Prior to
22 commencing work on the Shoulder Finishing operation the Contractor shall submit the selected
23 method of compaction and equipment to be used to the Engineer for approval.

24
25 **4-04.4 Measurement**

26 (*****)

27 Section 4-04.4 is supplemented with the following:

28
29 "Shoulder Finishing" shall be measured per mile.

30
31 **4-04.5 Payment**

32 (*****)

33 Section 4-04.5 is supplemented with the following:

34
35 The unit contract price per mile for "Shoulder Finishing" shall be full pay for furnishing crushed
36 surfacing, hauling, grading existing material, placing additional material, watering, compacting
37 and all other work as specified. Furnishing water for compaction shall be considered incidental
38 to this work and included in the price per mile for "Shoulder Finishing", no other compensation
39 shall be allowed. The Contractor shall make arrangements for water source. The Contracting
40 Agency shall not provide any water source for this project.

41
42
43 **DIVISION 5**
44 **SURFACE TREATMENTS AND PAVEMENTS**
45

46
47 **5-04, HOT MIX ASPHALT**

48
49 (*****)

50 **5-04, HOT MIX ASPHALT**

51 Section 5-04 is supplemented with the following:

1
2
3 Delete WSDOT Section 5-04, Hot Mix Asphalt as printed in the Standard Specifications for
4 Road, Bridge and Municipal Construction, 2018 edition, and replace it with Section 5-04, Hot
5 Mix Asphalt as printed in the Standard Specifications for Road, Bridge and Municipal
6 Construction, 2016 edition.

7
8 **5-04.1 Description**
9 (*****)

10 Section 5-04.1 is supplemented with the following:

11
12 The term "Approach" shall include Road approaches, driveways, and extensions.

13
14 **Superintendents, Labor, and Equipment of Contractor**
15 Section 5-04.1 is supplemented with the following:

16
17 The Contractor shall have a sufficient number of qualified personnel on the project to
18 insure the following minimum crew size:

- 19 One paving superintendent
- 20 One paver operator
- 21 Two screed operators
- 22 Three roller operators
- 23 Two rakers

24
25
26 These workers shall be present and not assigned to dual activities that would stop them
27 from fulfilling their assigned task while the paver is in operation. There will be one
28 assigned supervisor who will be in charge of paving operations and who will be
29 responsible for work performed.

30
31 **5-04.3 Construction Requirements**
32 (*****)

33 Section 5-04.3 is supplemented with the following:

34
35 Sand and tack all edges, cold joints, and tapers which join existing asphalt, (such as asphalt
36 concrete approaches, intersections, and curb and gutter).

37
38 Wing out, rake, and compact a beveled edge when paving past approaches (driveways), street
39 intersections, curb faces, edges of gutters and, where applicable, provide an acceptable
40 transition from roadway to approaches by paving an adequate ramp as directed by the
41 Engineer. Mainline shall be paved before road approaches. Any approach greater than 30
42 feet at its narrowest point shall be done with a paving machine.

43
44 Pave to a depth of one inch or less at the curb face, unless otherwise directed by the Engineer.

45
46 The Contractor shall not Plane more bituminous pavement than can be paved back with one
47 lift of HMA in the same day.

48
49 **5-04.3(3) Hot Mix Asphalt Pavers**
50 (*****)

51 Section 5-04.3(3) is supplemented with the following:

52
53 **5-04.3(3)A Material Transfer Device Vehicle**
54 (*****)

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

3 **5-04.3(3)A Material Transfer Device / Vehicle**

4 **Self- Propelled Material Transfer Vehicle**

5 Direct transfer of the HMA mixture from the hauling equipment to the paving machine will not be
6 allowed. The Contractor shall use a self-propelled material transfer vehicle (MTV) to deliver the
7 HMA mixture from the hauling equipment to the paving machine when placing HMA pavement on
8 travel lanes and shoulders, when shoulders are paved in conjunction with travel lanes. A material
9 transfer vehicle is not required for small quantities such as driveways and is optional for shoulders
10 that are paved separately from the driving lane(s). A windrow elevator is not acceptable as a
11 transfer device.
12

13
14 The transfer vehicle's holding hopper shall have a minimum capacity of 15 tons. The material
15 transfer vehicle shall mix the HMA after delivery by the hauling equipment but prior to lay down
16 by the paving machine. Mixing of the HMA material shall be sufficient to obtain a consistent
17 temperature throughout the mixture. If a transfer vehicle does not have holding or mixing
18 capabilities, the paving machine shall be fitted with a holding and mixing hopper having a
19 minimum capacity of 15 tons.
20

21 Prior to use, the Contractor shall submit the manufacturer and model number of the equipment to
22 the Engineer for review and approval. All costs to incorporate the material transfer device or
23 vehicle into the paving train shall be included in the unit contract price for the HMA.
24

25 The Contractor shall deliver the mixture to the paving machine at a rate that provides continuous
26 operation of the paving machine, except for unavoidable delay or breakdown. If excessive
27 stopping of the paving machine occurs during paving operations, the Engineer may suspend
28 paving operations until the mixture deliver rate matches the paving machine operation.
29

30 **5-04.3(5)E Pavement Repair**

31 (*****)

32 Section 5-04.3(5)E is supplemented with the following:
33

34 Excavation for pavement repair shall be performed by a pavement grinder unless otherwise
35 approved by the Engineer.
36

37 Any Pavement Repair Excavation directed by the Engineer below 1-foot depth shall be done
38 to the satisfaction of the Engineer and paid for by force account.
39

40 **Paving Geogrid Reinforcement**

41 (*****)

42 **Description**

43
44 At all locations shown on the plans or designated the by Engineer the following work shall
45 apply:
46

47 The Contractor shall install on the roadway a single coat of asphalt cement (neat or PG
48 grade) or cationic rapid set emulsion as recommended by the manufacturer and an approved
49 bitumen coated fiberglass grid described as Paving Geogrid Reinforcement between the
50 leveling course and wearing course meeting the material requirements described below.
51

52 The geogrid reinforcement manufacturer's recommendations shall be thoroughly understood
53 and followed in the application of the asphalt concrete overlay, particularly as to the type of
54 paving, lay down, temperature of the HMA, protection of geogrid reinforcement while paving,

1 rolling temperature and technique, and other items unique to the geogrid reinforcement. The
2 Engineer shall resolve differences in application procedure, and those decisions shall be
3 final.

4 **Material**

5
6
7 The contractor shall submit manufacturer's specifications and installation guide of the
8 geogrid reinforcement to the Engineer for approval prior to ordering fabric.

9
10 At a minimum the paving geogrid reinforcement application process shall consist of a single
11 coat of tack as recommended by the manufacturer and the paving geogrid reinforcement.
12 The fabric shall be placed in panels with 2-3 inch longitudinal joint and 6-inch transverse
13 overlaps, providing for pay areas centered on the traveled way center line, or as otherwise
14 directed. The Engineer shall designate the limits of the fabric installation.

15
16 The fabric shall be fiberglass yarns woven into an interlocking grid having the following
17 minimum properties:

18
19

Physical Properties	Test Method	Unit	Minimum Average Roll Value
Mass per Unit Area (Typical)	ASTM D-5261	oz/sq yd	12.0
Aperture Size(Grid) (MD/TD) (Typical)	Measured	in	1.5 / 1.5
Wide Width Tensile Strength* @Ultimate (MD/TD)	ASTM D-6637	lb/ft	6800 / 6800
Elongation Break	ASTM D-6637	%	< 3
Melting Point	ASTM D-276	°F	> 425

20 * MD- Machine Direction; TD- Transverse Direction, also called Cross Machine Direction.

21
22 Manufacturers of bitumen coated fiberglass grid are as listed below or an approved equal:

23
24 MACCAFERRI (AR 10.7) maccaferri-usa.com

25
26 GlasGrid® (equivalent) tensarcorp.com

27
28 Mirafi MPG100 (equivalent) tencate.com

29
30
31 All equipment, tools and machines used in the performance of the work shall be subject to
32 the approval of the Engineer and shall be maintained in satisfactory working condition at all
33 times.

34
35 Equipment for surface cleaning shall be capable of effectively removing oil, grease, dust, dirt
36 or other objectionable materials from the pavement.

37
38 The pavement surface to be reinforced shall be free of all foreign material such as dirt and
39 grease. Prior to applying the asphalt, vacuum street sweeper shall be used to clean the
40 street. This cleaning procedure shall be followed unless otherwise directed by the Engineer.
41 In addition, all valves, junction boxes, manholes and catch basins shall be covered prior to
42 applying the asphalt cement.

1
2 Application equipment shall consist of suitable brooms and distributor as required by the
3 specifications and as approved by the Engineer. The geogrid reinforcement shall be placed
4 with a self-propelled vehicle, which continuously unrolls fabric and forces it onto the asphalt
5 cement.

6
7 The tack coat as recommended by the manufacturer shall meet the requirements specified
8 in Section 9-02 of the standard specifications for that product.

9
10 The tack shall be sprayed uniformly over the area to be covered with fabric at the rate
11 determined by the geogrid manufacturer's recommendations, or as adjusted by the Engineer.
12 Load tickets shall be supplied to the inspector at the time the asphalt is sprayed.

13
14 The distributor shall have a capacity of not less than 1,000 gallons, and shall be so designed,
15 equipped, maintained and operated that asphalt material of an even heat shall be uniformly
16 applied at the required rate. It shall be insulated and equipped with an adequate heating
17 device. It shall be equipped with a 10-foot spray bar with extensions; pressure pump; volume
18 gauge, so located as to be observed easily by the inspector from the ground; a tachometer
19 to control accurately the speed and spread of asphalt; and two thermometers, one to be
20 installed permanently in the tank to indicate temperatures of the asphalt at all times. The
21 power for operating the pressure pump shall be supplied by an independent power unit
22 capable of developing a minimum of 25 pounds per square inch pressure at the spray bar.

23
24 To avoid laps and ridges at transverse junctions of separate applications of asphalt, the
25 contractor shall shield the preceding asphalt application in a manner satisfactory to the
26 Engineer.

27
28 Application of the asphalt should be accomplished with an asphalt distributor wherever
29 possible. A suitable hand sprayer may be used for inaccessible or small areas. The asphalt
30 or tack shall be spread at a temperature of at least 125°F or as recommended by the
31 manufacturer. Geogrid reinforcement shall be placed immediately after the tack is applied
32 or as recommended by the manufacturer.

33
34 The contractor shall not begin application of the geogrid reinforcement until it has been
35 demonstrated, to the satisfaction of the Engineer, that all labor, equipment, tools and
36 materials necessary to apply the fabric are either on hand or readily available, and that the
37 resurfacing will immediately follow the geogrid placement to minimize damage by traffic.

38
39 Initial placement of the geogrid is very important since the geogrid alignment cannot be
40 changed appreciably without causing wrinkles. If the alignment of the geogrid must be
41 changed, the geogrid shall be cut and realigned with proper lapping procedures. All joints
42 shall be overlapped as recommended by the manufacturer and approved by the Engineer.
43 For lapped joints place the leading edge under the preceding geogrid layer at least 6 inches.
44 Apply a light coat of asphalt (approximately 0.05 gallons per square yard) between layers.
45 The top layer shall then be folded back onto the asphalt and broomed and squeegeed out
46 smoothly. The geogrid shall be neatly cut and contoured at all joints as directed by the
47 Engineer.

48
49 Work shall not be done during wet weather conditions, nor when the pavement temperature
50 is below 55°F and ambient air temperature is below 60°F. The pavement surface shall be
51 dry at the time of the application of the asphalt.
52

1 No traffic or equipment, except that required for the actual reinforcing and paving operations,
2 shall be permitted to travel or rest upon the fabric reinforcement until it is covered by the
3 HMA.

4
5 The geogrid reinforcement manufacturer's recommendations shall be thoroughly understood
6 and followed in the application of the HMA, particularly as to the type of paving machine,
7 laydown temperature of the asphalt concrete, protection of the geogrid reinforcement while
8 paving, rolling temperature and technique, and other items unique to the reinforcement.
9 Differences in application procedure shall be resolved by the Engineer, and his decision shall
10 be final.

11
12 The contractor shall use care to protect all surfaces from damage. Any damage to exposed
13 surfaces shall be repaired at the contractor's expense.

14 The HMA wearing course shall be placed the same day the interlayer reinforcing grid is
15 placed.

16 17 **5-04.3(7) Preparation of Aggregates**

18 19 **5-04.3(7)A Mix Design**

20 21 **5-04.3(7)A1 General**

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

23 Supplement Section 5-04.3(7)A1 with the following:

24
25 The maximum quantity of RAP allowable in all HMA used in a pavement preleveling course
26 shall not exceed 20% and shall be paid for under its respective bid item. No RAP will be
27 allowed in the wearing course or HMA for Pavement Repair @ bridge ends.

28
29 The Engineer shall approve the RAP stockpile prior to use.

30
31 The Contractor shall submit four samples of the designed Hot Mix Asphalt mix to the
32 Engineer's representative for ignition furnace calibration at least five (5) days prior to paving.
33 Samples will be taken in conformance to WSDOT Test Method T 726.

34 35 **5-04.3(7)A2 Statistical or Nonstatistical Evaluation**

36 **(*****)**

37
38 Delete this section and replace it with the following;

39 40 **5-04.3(7)A2 Nonstatistical and Commercial Evaluation**

41
42 Mix designs for HMA accepted by Nonstatistical or Commercial evaluation shall;

- 43 • Be submitted to the Project Engineer on WSDOT Form 350-042
- 44 • Have the aggregate structure and asphalt binder content determined in accordance with
45 WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9- 03.8(2)
46 and 9-03.8(6).
- 47 • Have anti-strip requirements, if any, for the proposed mix design determined in accordance
48 with WSDOT Test Method T 718 or based on historic anti-strip and
49 aggregate source compatibility from WSDOT lab testing. Anti-strip evaluation of HMA mix
50 designs utilized that include RAP will be completed without the inclusion of the RAP.
- 51 • At or prior to the preconstruction meeting, the contractor shall provide one of the following mix
52 design verification certifications for Contracting Agency review;
- 53 • The proposed mix design indicated on a WSDOT mix design/anti-strip report that is within
54 one year of the approval date
- 55 • The proposed HMA mix design submittal (Form 350-042) with the seal and certification (stamp

1 & signature) of a valid licensed Washington State Professional Engineer.

- 2 • The proposed mix design by a qualified City or County laboratory mix design report that is within
3 one year of the approval date.

4
5 The mix design will be performed by a lab accredited by a national authority such as Laboratory
6 Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials
7 Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall
8 supply evidence of participation in the AASHTO Material Reference Laboratory (AMRL)
9 program.

10
11 At the discretion of the Engineer, agencies may accept mix designs verified beyond the one
12 year verification period with a certification from the Contractor that the materials and sources
13 are the same as those shown on the original mix design. Evaluation of anti-strip additives are
14 to be provided as part of the mix design acceptance criteria. Acceptable anti-strip
15 evaluations include 1.) a WSDOT validated mix design showing the validated anti-strip
16 additive and dosage 2.) an historic anti-strip determination from WSDOT not greater than two
17 (2) calendar years old or 3.) a passing TSR test at the anti-strip dosage proposed by the
18 Contractor.

19
20 No paving shall begin prior to Contracting Agency approval of the Contractor provided mix
21 design.

22
23 **5-04.3(8)A1, General**
24 **(*****)**

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

27
28 **5-04.3(8)A1, General**

29
30 Acceptance of HMA shall be as defined under nonstatistical or commercial evaluation.
31 Nonstatistical evaluation will be used for all HMA not designated as Commercial HMA in the
32 contract documents.

33
34 The mix design will be the initial JMF for the class of HMA. The Contractor may request a
35 change in the JMF. Any adjustments to the JMF will require the approval of the Project
36 Engineer and must be made in accordance with Section 9-03.8(7).

37
38 Commercial evaluation may be used for Commercial HMA and for other classes of HMA in the
39 following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores,
40 prelevel, and pavement repair. Other nonstructural applications of HMA accepted by
41 commercial evaluation shall be as approved by the Project Engineer. Sampling and testing of
42 HMA accepted by commercial evaluation will be at the option of the Project Engineer.
43 Commercial HMA can be accepted by a contractor certificate of compliance letter stating the
44 material meets the HMA requirements defined in the contract.

45
46 **5-04.3(8)A4, Definition of Sampling Lot and Sublot**
47 **(*****)**

48 Section 5-04.3(8)A4 is supplemented with the following:

49
50 For HMA in a structural application, sampling and testing for total project quantities less than
51 400 tons is at the discretion of the engineer. For HMA used in a structural application and with a
52 total project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance
53 test shall be performed:

1 If test results are found to be within specification requirements, additional testing will be at the
2 Engineer's discretion.

3 If test results are found not to be within specification requirements, additional testing as
4 needed to determine a CPF shall be performed.

5-04.3(8)A5 Test Results

7
8 (*****)

9 The first paragraph of this section is deleted.

5-04.3(8)A6 Test Methods

11
12 (*****)

13 Delete this section and replace it with the following;

5-04.3(8)A6 Test Methods

16
17 Testing of HMA for compliance of Va will be at the option of the Contracting Agency. If tested,
18 compliance of Va will be by WSDOT Standard Operating Procedure SOP 731. Testing for
19 compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308. Testing for
20 compliance of gradation will be by WAQTC FOP for AASHTO T 27/T 11.

5-04.3(9) Spreading and Finishing

21
22 (*****)

23 Section 5-04.3(9) is supplemented with the following:

24
25
26 The Contractor shall meet with the Engineer or representative by the end of each working
27 day to verify and confirm in writing and by signature the daily yields and quantities.

28
29 If the Contractor fails to follow this procedure, the Contractor accepts the Engineer's
30 estimated quantities for the work completed that day.

Overages

31
32 The Contractor shall not exceed the negotiated quantity on any section by more than **five**
33 **percent (5%)**, unless directed by the Engineer except HMA used for Middle Fork Road.
34 Middle Fork Road shall be as shown in the Contract Plans or directed by the Engineer. Any
35 material placed on each individual section in excess of the five percent shall be at the
36 Contractor's expense.

37
38
39 This provision shall not relieve the Contractor of his/her responsibility to complete each
40 section in its entirety.

5-04.3(10) Compaction

5-04.3(10)B Control

41
42 (*****)

43 Section 5-04.3(10)B1 thru 5-04.3(10)B4 are deleted and replaced with:

44
45
46
47
48 HMA used in traffic lanes, including lanes for ramps, truck climbing, weaving, speed
49 changes, and left turn channelization, and having a specified compacted course thickness is
50 greater than 0.10 foot, shall be compacted to a specified level of relative density. The
51 specified level of relative density shall be a Composite Pay Factor (CPF) of not less than .75,
52 using a minimum of 92.0 percent of the reference maximum density as determined by
53 WSDOT FOP for AASHTO T 209. The level of compaction attained will be determined as
54 the average of not less than 5 nuclear density gauge tests taken on the day the mix is placed

1 (after completion of the finish rolling) at randomly selected locations within each lot. The
2 quantity of a lot shall be no greater than a single day's production or approximately 300 tons,
3 whichever is less. The quantity represented by each sub-lot will be 100 tons or a portion of
4 100 tons within the lot.

5
6 A test section(s) shall be constructed for the purpose of determining if the mix is compactable,
7 to establish a nuclear density gauge correlation factor, and meets the requirements of
8 Sections 5-04.

9
10 The test section shall be constructed at the beginning of production paving for the project
11 and will be at least 40 tons and a maximum of 60 tons. The first and last 25 feet of paving
12 will not be included in the test section. No further paving will be performed for the remainder
13 of the day, and the next two days following the test section, or as directed by the Engineer.

14
15 Construction of the test section shall be done using the equipment and rolling patterns that
16 the Contractor expects to use in the paving operation. A test section will be considered to
17 have established compactibility, based on the results of three density determinations, when
18 the average of the three tests exceeds 93 percent or when all three tests individually exceed
19 92 percent of the maximum density determined by WSDOT FOP for AASHTO T209. This
20 will require consideration of the presence of the correlation factor for the nuclear density
21 gauge and may require resolution after the correlation factor is known. When results have
22 demonstrated that the mix is not compactable, or not capable of meeting the requirements
23 in Sections 5-04, the Contractor shall construct a new test section after appropriate
24 adjustments to the mix have been made.

25
26 The HMA used for the test section shall be measured by the ton and paid for its associated
27 HMA bid item. All costs associated with constructing the test section or sections will be
28 incidental to the cost of the HMA.

29
30 On the initial days' production with a new HMA mix a test section may be avoided if the
31 Agency and Contractor agree to accept the compaction based on a nuclear gauge density
32 correlation factor of 1.0 with 92 percent of maximum density nuclear gauge reading.
33 Compaction results less than 92 percent of maximum density will be subject to a price
34 adjustment in accordance with special provision 5-04.5(1)B. Subsequent compaction testing
35 shall be completed and accepted using density correlation values determined in accordance
36 with WSDOT SOP T 730 and nuclear gauge density readings conducted in accordance
37 with WSDOT FOP for WAQTC T 355

38
39 For compaction lots falling below a 1.00 pay factor and thus subject to price reduction or
40 rejection, cores may be used as an alternate to the nuclear density gauge tests. When cores
41 are requested by the Contractor the request shall be made by noon of the first working day
42 following placement of the mix. The contractor shall be responsible for obtaining the core
43 samples at the locations designated by the Engineer. The Contractor shall be responsible
44 for providing traffic control. The Engineer shall be responsible for the testing of the core
45 samples and the costs incurred. When the cores indicate the acceptable level of compaction
46 within a lot has not been achieved, the cost for the testing will be deducted from any monies
47 due or that may become due the contractor under the contract at the rate of \$200 per core.

48
49 HMA, constructed under conditions other than listed above shall be compacted on the basis
50 of a test point evaluation of the compaction train. The test point evaluation shall be performed
51 in accordance with instruction from the Engineer. The number of passes with an approved
52 compaction train, required to attain the maximum point density, shall be used on all
53 subsequent paving.

1
2 The number of passes with an approved compaction train, required to attain the maximum
3 test point density, shall be used on all subsequent paving.

4
5 In addition to the randomly selected locations for tests of the density, the Engineer may also
6 isolate from a normal lot any area that is suspected of being defective in relative density.
7 Such isolated material will not include an original sample location. A minimum of 5 randomly
8 located density tests will be taken. The isolated area will then be evaluated for price
9 adjustment in accordance with the statistical evaluation section, considering it as a separate
10 lot.

11
12 Control lots not meeting the prescribed density standard shall be removed and replaced with
13 satisfactory material. At the option of the Engineer, non-complying material may be accepted
14 at a reduced price. See 5-04.5(1)B of this Special Provision.

15
16 **5-04.3(12) Joints**

17 (*****)

18 Section 5-04.3(12) is supplemented with the following:

19
20 **Sealing Joints and Feather Ends**

21
22 After placement of the HMA Pavement, the Contractor will be required to seal all joints,
23 including approaches or any feathered ends with pavement grade asphalt and sand.

24
25 All costs associated with providing and placing the liquid asphalt as specified above shall be
26 incidental to and included in the unit contract price per ton for the HMA.

27
28 **5-04.3(15) HMA Road Approach**

29 (*****)

30 Section 5-04.3(15) is supplemented with the following:

31
32 HMA for driveway approaches shall be constructed at the locations shown in the Plans or where
33 designated by the Engineer. The work shall be performed in accordance with Section 5-04.

34
35 The Contractor shall reshape the approaches to the right of way line, or as directed by the
36 Engineer prior to the placement of the HMA. If ordered by the Engineer, the Contractor shall
37 place HMA in the approaches in-order to make grade adjustments. Placement of this material
38 shall be in such a manner that the approach will be accessible to traffic at all times. Sections
39 where asphalt has been removed or ground out, must be compacted before new HMA is placed.

40
41 This work will take place no more than 7 days following the overlay and will not relieve the
42 Contractor of the responsibility of providing an accessible approach the day of paving. No new
43 sections for paving will be available to the Contractor until the approaches (for work 7 days prior)
44 have been completed. The dimensions and percent of slope will change for each driveway, and
45 the finished product shall meet the satisfaction of the Engineer.

46
47 **Bridge Approach Repair**

48 (*****)

49
50 The Contractor shall grind bridge approaches as marked in the field and to the depths as directed
51 by the Engineer to achieve a smooth transition to the bridge deck with 0.20 foot of HMA. The unit
52 contract price per ton for "HMA For Pavement Repair Class 1/2 In. PG 58H-22" shall be full
53 compensation for all labor for preparation and all extra or additional costs involved in grading
54 existing surfacing material to reshape approaches and furnishing, placing and compaction of the

1 HMA in approaches regardless of location, length, width or design. Mobilization to each bridge
2 site shall be included in the lump sum "Mobilization" Bid Item. All costs for grinding the bridge
3 approaches including labor, equipment, and hauling the material off to an approved waste site
4 shall be included in the unit contract price per Square Yard for "Pavement Repair Excavation,
5 Incl. Haul". The Contractor shall provide the County information for the permitted waste site. No
6 waste site shall be provided by Lewis County. The Contractors permitted waste site shall be pre-
7 approved by the Engineer in writing before use.

8 9 **5-04.4 Measurement**

10 (*****)

11 Section 5-04.4 is supplemented with the following:

12
13 "HMA for Pavement Repair Class 1/2 In. PG 58H-22" per Ton.

14
15 "HMA for Preleveling Class 3/8 In. PG 58V-22" per Ton.

16
17 "HMA for Preleveling Class 1/2 In. PG 58H-22" per Ton.

18
19 "HMA Class 3/8 In. PG 58V-22" per Ton.

20
21 "HMA 1/2 In. PG 58H-22" per Ton.

22
23 "HMA for Approach Class 3/8 In. PG 58V-22" per Ton.

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

26 27 **5-04.5 Payment**

28 (*****)

29 Section 5-04.5 is supplemented with the following:

30
31
32 The unit contract price per ton for "HMA For Approach Class 3/8 In. PG 58V-22" shall be full
33 compensation for all labor for preparation and all extra or additional costs involved in grading
34 existing surfacing material to reshape driveway approaches and furnishing, placing and
35 compaction of the HMA in driveway approaches regardless of location, length, width or design.

36
37 The unit contract price per ton for "HMA For Approach Class 1/2 In. PG 58H-22" shall be full
38 compensation for all labor for preparation and all extra or additional costs involved in grading
39 existing surfacing material to reshape road approaches and furnishing, placing and compaction
40 of the HMA in road approaches regardless of location, length, width or design.

41 42 **5-04.5(1) Quality Assurance Price Adjustment**

43 (*****)

44 Delete the fourth sentence of Section 5-04.5(1).

45
46 Supplement Section 5-04.5(1) with the following:

47
48 In the event that test results indicate the HMA does not meet specifications, a change order will be
49 issued for the price adjustments for Quality of HMA Mixture and Quality of HMA Compaction based
50 upon these specifications.

51 52 **5-04.5(1)B Price Adjustments for Quality of HMA Compaction**

53 (*****)

1 Delete this section and replace it with the following:

2
3 The maximum CPF of a compaction lot is 1.00.

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

9
10 (*****)

11 The CPF shall be as follows:

12 <u>Compaction</u>	13 <u>CPF</u>
14	
15 91.0% to 91.9%	95%
16 90.0% to 90.9%	90%
17 89.0% to 89.9%	80%
18 88.0% to 88.9%	75%
19 At or below 87.9%	Mix is removed
20	
21	

22 **DIVISION 8**
23 **MISCELLANEOUS CONSTRUCTION**

24
25 **8-20, ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, INTELLIGENT TRANSPORTATION**
26 **SYSTEMS, AND ELECTRICAL**

27
28 (*****)

29 **8-20.3(14) Signal Systems**

30
31 **8-20.3(14)C Induction Loop Vehicle Detectors**

32 Section 8-20.3(14)C is supplemented with the following:

33
34 The Contractor shall coordinate with the Contracting Agency for the disconnection of the existing
35 Type 3 Advance Loops before grinding the pavement as shown on Sheet 10 of the Contract
36 Plans.

37
38 The Contractor shall place the prelevel HMA as shown on Sheet 10 of the Contract Plans and
39 install Conductor wire as stated in 9-29.3(2)F of these Special Provisions to the locations and
40 dimensions as shown in the Contract Plans and as specified in WSDOT Standard Plans J-50.12-
41 01 and J-50.15-01. The Contractor shall notify the Engineer when testing of the Type 3 Advance
42 Induction Loops are ready for testing. The connections at the junction boxes will be performed
43 by others. Once the Induction Loops have been approved the Contractor may complete the
44 wearing course.

45
46 **8-20.3(14)D Test for Induction Loops and Lead-In Cable**

47
48 Section 8-20.3(14)D is deleted.

49
50 **8-20.4 Measurement**

51 Section 8-20.4 is supplemented with the following:

1 “Signal Induction Loop, Type 3” shall be measured per each.

2
3 **8-20.5 Payment**

4 Section 8-20.5 is supplemented with the following:

5
6 The unit contract price per each for “Signal Induction Loop, Type 3” shall be full compensation for all
7 labor, materials, and equipment to perform the work described above and as shown in WSDOT
8 Standard Plans J-50.12-01 and J-50.15-01.

9
10 **8-23, TEMPORARY PAVEMENT MARKINGS**

11
12 **8-23.4 Measurement**

13 Section 8-23.4 is revised to read:

14
15 (*****)

16 No measurement will be made for Temporary Pavement Markings.

17
18 **8-23.5 Payment**

19 Section 8-23.5 is revised to read:

20
21 (*****)

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

24
25
26 **DIVISION 9**
27 **MATERIALS**

28
29 (*****)

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

31
32 **9-02.1 Asphalt Material, General**

33 The second paragraph is revised to read:

34
35 The Asphalt Supplier of Performance Graded (PG) asphalt binder and emulsified asphalt shall
36 have a Quality Control Plan (QCP) in accordance with WSDOT QC 2 “Standard Practice for
37 Asphalt Suppliers That Certify Performance Graded and Emulsified Asphalts”. The Asphalt
38 Supplier’s QCP shall be submitted and receive the acceptance of the WSDOT State Materials
39 Laboratory. Once accepted, any change to the QCP will require a new QCP to be submitted for
40 acceptance. The Asphalt Supplier of PG asphalt binder and emulsified asphalt shall certify
41 through the Bill of Lading that the PG asphalt binder or emulsified asphalt meets the Specification
42 requirements of the Contract.

43
44 **9-02.1(4) Performance Graded Asphalt Binder (PGAB)**

45 This section’s title is revised to read:

46
47 **Performance Graded (PG) Asphalt Binder**

48
49 The first paragraph is revised to read:

50
51 PG asphalt binder meeting the requirements of AASHTO M 332 Table 1 of the grades specified
52 in the Contract shall be used in the production of HMA. For HMA with greater than 20 percent

RAP by total weight of HMA, or any amount of RAS, the new asphalt binder, recycling agent and recovered asphalt (RAP and/or RAS) when blended in the proportions of the mix design shall meet the PG asphalt binder requirements of AASHTO M 332 Table 1 for the grade of asphalt binder specified by the Contract.

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

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

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

The third paragraph is revised to read:

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

This section is supplemented with the following:

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

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

9-03 AGGREGATES

9-03.8 Aggregates for Hot Mix Asphalt

9-03.8 (2) HMA Test Requirements

(*****)

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

ESAL's

The number of ESAL's for the design and acceptance of the HMA for Rogers Road shall be *** 20*** million.

The number of ESAL's for the design and acceptance of the HMA for Jackson Highway shall be *** 3*** million.

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

9-03.8(7) HMA Tolerances and Adjustments

(*****)

Delete item 1 and replace it with the following:

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

	Nonstatistical Evaluation	Commercial Evaluation
Aggregate, percent passing		
1", ¾", ½", and 3/8" sieves	±6%	±8%
U.S. No. 4 sieve	±6%	±8%
U.S. No. 8 sieve	±4%	±8%
U.S. No. 16 sieve	±4%	±8%
U.S. No. 30 sieve	±4%	±8%
U.S. No. 50 sieve	±4%	±8%
U.S. No. 100 sieve	±4%	±8%
U.S. No. 200 sieve	±2.0%	±3.0%
Asphalt Binder	±0.5%	±0.7%
VMA	1.5% below minimum value in 9-03.8(2)	
VFA	min. and max. as listed in 9-03.8(2)	
Va	2.5% minimum and 5.5% maximum	

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

9-29 ILLUMINATION, SIGNAL, ELECTRICAL

9-29.3 Fiber Optic Cable, Electrical Conductors, and Cable

9-29.3(2)F Detector Loop Wire

(*****)

Section 9-29.3(2)F is supplemented with the following:

The Detector Loop Wire IMSA 51-3 shall be IMSA 51-7.

POWER EQUIPMENT

(*****)

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

The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder will be required to complete and return with the contract documents. This information will

1 enable hourly rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for
2 Construction Equipment". No payment for any force account work will be allowed until this form has
3 been returned and accepted by the County.
4

5 **E-VERIFY**

6 (*****)

7
8 "Effective June 21st, 2010, all contracts with a value of \geq \$100,000 shall require that the awarded
9 contractor register with the Department of Homeland Security E-Verify program. Contractors shall
10 have sixty days after the execution of the contract to register and enter into a Memorandum of
11 Understanding (MOU) with the Department of Homeland Security (DHS) E-Verify program. After
12 completing the MOU the contractor shall have an additional sixty days to provide a written record on
13 the authorized employment status of their employees and those of any sub-contractor(s) currently
14 assigned to the contract. Employees hired during the execution of the contract and after submission
15 of the initial verification will be verified to the county within 30 days of hire, as reported from the E-
16 Verify program. The contractor will continue to update the County on all corrective actions required
17 and changes made during the performance of the contract."
18

19 **BOND**

20 (*****)

21
22 The Bidder's special attention is directed to the attached bond form, which the successful bidder will
23 be required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.**
24 The bond shall be for the full amount of the contract.
25

26 **LEWIS COUNTY ESTIMATES AND PAYMENT POLICY**

27 (*****)

28
29 On or before the 5th day of each calendar month during the term of this contract, the Contracting
30 Agency shall prepare its estimate of work performed, and material furnished. If the Contractor
31 agrees, the Contractor will approve the estimate and return the estimate to the Contracting Agency
32 by the 15th day of that same calendar month. The Contracting Agency shall prepare a voucher
33 based upon the approved estimate and a payment based thereon shall be due the Contractor on the
34 10th day of the next calendar month.
35

36 When the Contractors report the work is completed he/she shall then notify the Contracting Agency.
37 The Contracting Agency shall inspect the work and report any deficiencies to the Contractor. When
38 the Contracting Agency is satisfied the work has been completed in accordance with all plans and
39 specifications the Contracting Agency shall then accept the work.
40

41 The Contracting Agency shall prepare a pre-final estimate for approval by the Contractor and
42 processing for payment on the monthly schedule. Release of Contract Bond will be 60 days
43 following Contracting Agency Final Acceptance of Contract, provided the conditions of Section 1-
44 03.4 and Section 1-07.2 of these Special Provisions have been satisfied.
45

46 **APPENDICES**

47 (July 12, 1999)

48
49 The following appendices are attached and made a part of this contract:

2018 Countywide HMA Project
CRP 2179C.

1
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***** APPENDIX A:
Traffic Control Plan

APPENDIX B:
Washington State Prevailing Wage Rates
Wage Rate Supplements
Wage Rate Benefit Code Key

APPENDIX C:
Bid Proposal Documents

APPENDIX D:
Contract Documents

APPENDIX E:
Standard Plans
Contract Plans *****

(April 2, 2018)
Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 16-048, effective August 7, 2017 is made a part of this contract.

The Standard Plans are revised as follows:

A-30.15
DELETED

A-40.10
Section View, PCCP to HMA Longitudinal Joint, callout, was – “Sawed Groove ~ Width 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1” (IN) MIN. ~ see Std. Spec. 5-04.3(12)B” is revised to read; “Sawed Groove ~ Width 3/16” (IN) MIN. to 5/16” (IN) MAX. ~ Depth 1” (IN) MIN. ~ see Std. Spec. Section 5-04.3(12)A2”

A-50.10
Sheet 2 of 2, Plan, with Single Slope Barrier, reference C-14a is revised to C-70.10

A-50.20
Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10

A-50.30
Sheet 2 of 2, Plan (top), reference C-14a is revised to C-70.10

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

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

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

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

B-30.70

Note 2, was – “Bolt-Down capability is required on all frames, grates and covers, unless specified otherwise in the Contract. Provide 3 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8” -1 NC x 2” Allen head cap screw by being tapped, or other approved mechanism. Location of bolt down holes varies by manufacturer.” Is revised to read; “Bolt-Down capability is required on all frames, grates and covers, unless specified otherwise in the Contract. Provide 3 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8” (in) - 11 NC x 2” (in) Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.”

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

B-90.40

Valve Detail - DELETED

B-95.40

Dimension, Section A, dimension between grate and curb, was – 3”, is revised to read: 1”

C-4b

DELETED

C-4e

DELETED

C-16b

DELETED

C-22.14

DELETED

C-22.16

Note 3, formula, was: “Elevation G = (Elevation S – D x (0.1) + 31” is revised to read: “Elevation G = (Elevation S – D x (0.1) + 31/12”

C-22.40

Elevation View, MSKT-SP-MGS (TL-3), dimension, MSKT-SP-MGS (TL-3) SYSTEM LENGTH = 50’ – 0” , dimension is revised to read: 46’ – 10 1/2”

C-22.41

DELETED

C-22.45

Elevation View, MSKT-SP-MGS (TL-2), Dimension, “MSKT-SP-MGS (TL-2) SYSTEM LENGTH = 25’ – 0””; the 25’ - 0” dimension is shown to begin at the centerline of POST 1 and terminate at the Mid-Span Splice located between (unlabeled) POST 6 and (unlabeled) POST 7. The dimension is revised to begin at the centerline of POST 1 and terminate at the centerline of (unlabeled) POST 5.

C-25.18

DELETED

D-10.10

Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.15

Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.20

Wall Type 3 may be used in all cases. The last sentence of Note 6 on Wall Type 3 shall be revised to read: The seismic design of these walls has been completed using a site adjusted (effective) peak ground acceleration of 0.32g.

D-10.25

Wall Type 4 may be used in all cases. The last sentence of Note 6 on Wall Type 4 shall be revised to read: The seismic design of these walls has been completed using a site adjusted (effective) peak ground acceleration of 0.32g.

D-10.30

Wall Type 5 may be used in all cases.

D-10.35

Wall Type 6 may be used in all cases.

D-10.40

Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.45

Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the revisions stated in the 11/3/15 Bridge Design memorandum.

D-15.10

STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.20

STD Plans D-15 series "Traffic Barrier Details for Reinforced Concrete Retaining Walls" are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.30

STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

F-10.12

Section Title, was – “Depressed Curb Section” is revised to read: “Depressed Curb and Gutter Section”

F-10.40

“EXTRUDED CURB AT CUT SLOPE”, Section detail - Deleted

F-10.42

DELETE – “Extruded Curb at Cut Slope” View

G-22.10

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

G-24.60

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

G-60.10

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

G-90.10

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

G-95.10

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

H-70.20

Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is revised to H-70.10

I-30.30

8” Diameter Wattle Spacing Table, lower left corner, was –“Slope:1H : 1V, Maximum Spacing:10’ – 0”” is revised to read: “Slope:1H : 1V, Maximum Spacing:8’ – 0””.

J-3

DELETED

J-3b

DELETED

J-3C

DELETED

J-10.21

Note 18, was – “When service cabinet is installed within right of way fence, see Standard Plan J-10.22 for details.” Is revised to read; “When service cabinet is installed within right of way fence, or the meter base is mounted on the exterior of the cabinet, see Standard Plan J-10.22 for details.”

J-10.22

Key Note 1, was – “Meter base per serving utility requirements~ as a minimum, the meter base shall be safety socket box with factory-installed test bypass facility that meets the requirements of EUSERC drawing 305.” Is revised to read; “Meter base per serving utility requirements~ as a minimum, the meter base shall be safety socket box with factory-installed test bypass facility that meets the requirements of EUSERC drawing 305. When the utility requires meter base to be mounted on the side or back of the service cabinet, the meter base enclosure shall be fabricated from type 304 stainless steel.”

Key Note 4, “Test with (SPDT Snap Action, Positive close 15 Amp – 120/277 volt “T” rated). Is revised to read: “Test Switch (SPDT snap action, positive close 15 amp – 120/277 volt “T” rated).”

Key Note 14, was – “Hinged dead front with ¼ turn fasteners or slide latch.” Is revised to read; “Hinged dead front with ¼ turn fasteners or slide latch. ~ Dead front panel bolts shall not extend into the vertical limits of the breaker array(s).”

Key Note 15, was – “Cabinet Main Bonding Jumper. Buss shall be 4 lug tinned copper. See Cabinet Main bonding Jumper detail, Standard Plan J-3b.” is revised to read; “Cabinet Main Bonding Jumper Assembly ~ Buss shall be 4 lug tinned copper ~ See Standard Plan J-10.20 for Cabinet Main Bonding Jumper Assembly details.”

J-20.10

Add Note 5, “5. One accessible pedestrian signal assembly per pedestrian pushbutton post.”

J-20.11

Sheet 2, Foundation Detail, Elevation, callout – “Type 1 Signal Pole” is revised to read: “Type PS or Type 1 Signal Pole”

Sheet 2, Foundation Detail, Elevation, add note below Title, “(Type 1 Signal Pole Shown)”

Add Note 6, “6. One accessible pedestrian signal assembly per pedestrian pushbutton post.”

J-20.26

Add Note 1, “1. One accessible pedestrian pushbutton station per pedestrian pushbutton post.”

J-20.16

View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE

J-21.10

Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – “ANCHOR BOLTS ~ ¾” (IN) x 30” (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY” IS REVISED TO READ: “ANCHOR BOLTS ~ ¾” (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 ½” 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

½" 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 ½" 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 ½" 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 ½" DIAM., is revised to read; CHASE NIPPLE ~ 1 ½" (IN) DIAM.

J-21.16

Detail A, callout, was – LOCKNIPPLE, is revised to read; CHASE NIPPLE

J-22.15

Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"
(2x) Detail A, callout, was – LOCK NIPPLE ~ 1 ½" DIAM. is revised to read; CHASE NIPPLE ~ 1 ½" (IN) DIAM.

J-26.20

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

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

J-28.43

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

J-40.10

Sheet 2 of 2, Detail F, callout, "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT WASHER" is revised to read; "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 1/2" (IN) S. S. FLAT WASHER"

J-60.14

All references to J-16b (6x) are revised to read; J-60.11

K-80.30

In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-80.35

M-11.10

Layout, dimension (from stop bar to “X”), was – 23’ is revised to read; 24’

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00.....8/7/07	A-40.00-00.....8/11/09	A-50.30-00.....11/17/08
A-10.20-00.....10/5/07	A-40.10-03.....12/23/14	A-50.40-00.....11/17/08
A-10.30-00.....10/5/07	A-40.15-00.....8/11/09	A-60.10-03.....12/23/14
A-20.10-00.....8/31/07	A-40.20-04.....1/18/17	A-60.20-03.....12/23/14
A-30.10-00.....11/8/07	A-40.50-02.....12/23/14	A-60.30-00.....11/8/07
A-30.30-01.....6/16/11	A-50.10-00.....11/17/08	A-60.40-00.....8/31/07
A-30.35-00.....10/12/07	A-50.20-01.....9/22/09	
B-5.20-02.....1/26/17	B-30.50-02.....1/26/17	B-75.20-01.....6/10/08
B-5.40-02.....1/26/17	B-30.70-03.....4/26/12	B-75.50-01.....6/10/08
B-5.60-02.....1/26/17	B-30.80-00.....6/8/06	B-75.60-00.....6/8/06
B-10.20-01.....2/7/12	B-30.90-02.....1/26/17	B-80.20-00.....6/8/06
B-10.40-01.....1/26/17	B-35.20-00.....6/8/06	B-80.40-00.....6/1/06
B-10.60-00.....6/8/06	B-35.40-00.....6/8/06	B-82.20-00.....6/1/06
B-10.70-00.....1/26/17	B-40.20-00.....6/1/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-40.40-02.....1/26/17	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-45.20-01.....7/11/17	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-45.40-01.....7/21/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-50.20-00.....6/1/06	B-85.50-01.....6/10/08
B-20.40-03.....3/16/12	B-55.20-01.....1/26/17	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-60.20-00.....6/8/06	B-90.20-00.....6/8/06
B-25.20-01.....3/15/12	B-60.40-00.....6/1/06	B-90.30-00.....6/8/06
B-25.60-01.....1/26/17	B-65.20-01.....4/26/12	B-90.40-01.....1/26/17
B-30.10-02.....1/26/17	B-65.40-00.....6/1/06	B-90.50-00.....6/8/06
B-30.20-03.....1/26/17	B-70.20-00.....6/1/06	B-95.20-01.....2/3/09
B-30.30-02.....1/26/17	B-70.60-01.....1/26/17	B-95.40-00.....6/8/06
B-30.40-02.....1/26/17		
C-1.....7/12/16	C-6.....7/15/16	C-23.60-04.....7/21/17
C-1a.....7/14/15	C-6a.....10/14/09	C-24.10-01.....6/11/14
C-1b.....7/14/15	C-6c.....7/15/16	C-25.20-06.....7/14/15
C-1c.....7/12/16	C-6d.....7/15/16	C-25.22-05.....7/14/15
C-1d.....10/31/03	C-6f.....7/15/16	C-25.26-03.....7/14/15
C-2.....1/6/00	C-7.....6/16/11	C-25.80-04.....7/15/16
C-2a.....6/21/06	C-7a.....6/16/11	C-40.14-02.....7/2/12
C-2b.....6/21/06	C-8.....2/10/09	C-40.16-02.....7/2/12
C-2c.....6/21/06	C-8a.....7/25/97	C-40.18-03.....7/21/17
C-2d.....6/21/06	C-8b.....2/29/16	C-70.10-01.....6/17/14
C-2e.....6/21/06	C-8e.....2/21/07	C-75.10-01.....6/11/14
C-2f.....3/14/97	C-8f.....6/30/04	C-75.20-01.....6/11/14
C-2g.....7/27/01	C-10.....7/15/16	C-75.30-01.....6/11/14
C-2h.....3/28/97	C-16a.....7/21/17	C-80.10-01.....6/11/14

C-2i.....3/28/97	C-20.10-04.....7/21/17	C-80.20-01.....6/11/14
C-2j.....6/12/98	C-20.11-00.....7/21/17	C-80.30-01.....6/11/14
C-2k.....7/12/16	C-20.14-03.....6/11/14	C-80.40-01.....6/11/14
C-2n.....7/12/16	C-20.15-02.....6/11/14	C-80.50-00.....4/8/12
C-2o.....7/13/01	C-20.18-02.....6/11/14	C-85.10-00.....4/8/12
C-2p.....10/31/03	C-20.19-02.....6/11/14	C-85.11-00.....4/8/12
C-3.....7/2/12	C-20.40-06.....7/21/17	C-85.14-01.....6/11/14
C-3a.....10/4/05	C-20.41-01.....7/14/15	C-85.15-01.....6/30/14
C-3b.....6/27/11	C-20.42-05.....7/14/15	C-85.16-01.....6/17/14
C-3c.....6/27/11	C-20.45.01.....7/2/12	C-85.18-01.....6/11/14
		C-85.20-01.....6/11/14
	C-22.16-06.....7/21/17	C-90.10-00.....7/3/08
C-4f.....7/2/12	C-22.40-06.....7/21/17	
	C-22.45-03.....7/21/17	

D-2.04-00.....11/10/05	D-2.48-00.....11/10/05	D-3.17-02.....5/9/16
D-2.06-01.....1/6/09	D-2.64-01.....1/6/09	D-4.....12/11/98
D-2.08-00.....11/10/05	D-2.66-00.....11/10/05	D-6.....6/19/98
D-2.14-00.....11/10/05	D-2.68-00.....11/10/05	D-10.10-01.....12/2/08
D-2.16-00.....11/10/05	D-2.80-00.....11/10/05	D-10.15-01.....12/2/08
D-2.18-00.....11/10/05	D-2.82-00.....11/10/05	D-10.20-00.....7/8/08
D-2.20-00.....11/10/05	D-2.84-00.....11/10/05	D-10.25-00.....7/8/08
D-2.32-00.....11/10/05	D-2.86-00.....11/10/05	D-10.30-00.....7/8/08
D-2.34-01.....1/6/09	D-2.88-00.....11/10/05	D-10.35-00.....7/8/08
D-2.36-03.....6/11/14	D-2.92-00.....11/10/05	D-10.40-01.....12/2/08
D-2.42-00.....11/10/05	D-3.09-00.....5/17/12	D-10.45-01.....12/2/08
D-2.44-00.....11/10/05	D-3.10-01.....5/29/13	D-15.10-01.....12/2/08
D-2.60-00.....11/10/05	D-3.11-03.....6/11/14	D-15.20-03.....5/9/16
D-2.62-00.....11/10/05	D-3.15-02.....6/10/13	D-15.30-01.....12/02/08
D-2.46-01.....6/11/14	D-3.16-02.....5/29/13	

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

F-10.12-03.....6/11/14	F-10.62-02.....4/22/14	F-40.15-03.....6/29/16
F-10.16-00.....12/20/06	F-10.64-03.....4/22/14	F-40.16-03.....6/29/16
F-10.18-01.....7/11/17	F-30.10-03.....6/11/14	F-45.10-02.....7/15/16
F-10.40-03.....6/29/16	F-40.12-03.....6/29/16	F-80.10-04.....7/15/16
F-10.42-00.....1/23/07	F-40.14-03.....6/29/16	

G-10.10-00.....9/20/07	G-25.10-04.....6/10/13	G-90.10-03.....7/11/17
G-20.10-02.....6/23/15	G-30.10-04.....6/23/15	G-90.11-00.....4/28/16
G-22.10-03.....7/10/15	G-50.10-02.....6/23/15	G-90.20-05.....7/11/17
G-24.10-00.....11/8/07	G-60.10-03.....6/18/15	G-90.30-04.....7/11/17
G-24.20-01.....2/7/12	G-60.20-02.....6/18/15	G-90.40-02.....4/28/16
G-24.30-01.....2/7/12	G-60.30-02.....6/18/15	G-95.10-01.....6/2/11
G-24.40-06.....2/29/16	G-70.10-03.....6/18/15	G-95.20-02.....6/2/11
G-24.50-04.....7/11/17	G-70.20-04.....7/21/17	G-95.30-02.....6/2/11
G-24.60-04.....6/23/15	G-70.30-04.....7/21/17	

H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-01.....2/7/12
H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-01.....2/16/12
H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	H-70.30-02.....2/7/12

I-10.10-01.....8/11/09	I-30.20-00.....9/20/07	I-40.20-00.....9/20/07
I-30.10-02.....3/22/13	I-30.30-01.....6/10/13	I-50.20-01.....6/10/13
I-30.15-02.....3/22/13	I-30.40-01.....6/10/13	I-60.10-01.....6/10/13
I-30.16-00.....3/22/13	I-30.60-00.....5/29/13	I-60.20-01.....6/10/13
I-30.17-00.....3/22/13	I-40.10-00.....9/20/07	I-80.10-02.....7/15/16
J-10.....7/18/97	J-26.20-00.....6/11/14	J-40.38-01.....5/20/13
J-10.10-03.....6/3/15	J-27.10-01.....7/21/16	J-40.39-00.....5/20/13
J-10.15-01.....6/11/14	J-27.15-00.....3/15/12	J-40.40-01.....4/28/16
J-10.16-00.....6/3/15	J-28.10-01.....5/11/11	J-45.36-00.....7/21/17
J-10.17-00.....6/3/15	J-28.22-00.....8/07/07	J-50.05-00.....7/21/17
J-10.18-00.....6/3/15	J-28.24-01.....6/3/15	J-50.10-00.....6/3/11
J-10.20-01.....6/1/16	J-28.26-01.....12/02/08	J-50.11-01.....7/21/17
J-10.21-00.....6/3/15	J-28.30-03.....6/11/14	J-50.12-01.....7/21/17
J-10.22-00.....5/29/13	J-28.40-02.....6/11/14	J-50.15-01.....7/21/17
J-10.25-00.....7/11/17	J-28.42-01.....6/11/14	J-50.16-01.....3/22/13
J-15.10-01.....6/11/14	J-28.43-00.....6/11/14	J-50.20-00.....6/3/11
J-15.15-02.....7/10/15	J-28.45-03.....7/21/16	J-50.25-00.....6/3/11
J-20.10-03.....6/30/14	J-28.50-03.....7/21/16	J-50.30-00.....6/3/11
J-20.11-02.....6/30/14	J-28.60-02.....7/21/16	J-60.05-01.....7/21/16
J-20.15-03.....6/30/14	J-28.70-03.....7/21/17	J-60.11-00.....5/20/13
J-20.16-02.....6/30/14	J-29.10-01.....7/21/16	J-60.12-00.....5/20/13
J-20.20-02.....5/20/13	J-29.15-01.....7/21/16	J-60.13-00.....6/16/10
J-20.26-01.....7/12/12	J-29.16-02.....7/21/16	J-60.14-00.....6/16/10
J-21.10-04.....6/30/14	J-30.10-00.....6/18/15	J-75.10-02.....7/10/15
J-21.15-01.....6/10/13	J-40.05-00.....7/21/16	J-75.20-01.....7/10/15
J-21.16-01.....6/10/13	J-40.10-04.....4/28/16	J-75.30-02.....7/10/15
J-21.17-01.....6/10/13	J-40.20-03.....4/28/16	J-75.40-02.....6/1/16
J-21.20-01.....6/10/13	J-40.30-04.....4/28/16	J-75.41-01.....6/29/16
J-22.15-02.....7/10/15	J-40.35-01.....5/29/13	J-75.45-02.....6/1/16
J-22.16-03.....7/10/15	J-40.36-02.....7/21/17	J-90.10-02.....4/28/16
J-26.10-03.....7/21/16	J-40.37-02.....7/21/17	J-90.20-02.....4/28/16
J-26.15-01.....5/17/12		J-90.21-01.....4/28/16
K-70.20-01.....6/1/16		
K-80.10-01.....6/1/16		
K-80.20-00.....12/20/06		
K-80.30-00.....2/21/07		
K-80.35-00.....2/21/07		
K-80.37-00.....2/21/07		
L-10.10-02.....6/21/12	L-40.10-02.....6/21/12	L-70.10-01.....5/21/08
L-20.10-03.....7/14/15	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08
L-30.10-02.....6/11/14	L-40.20-02.....6/21/12	
M-1.20-03.....6/24/14	M-12.10-00.....7/11/17	M-40.10-03.....6/24/14
M-1.40-02.....6/3/11	M-15.10-01.....2/6/07	M-40.20-00...10/12/07
M-1.60-02.....6/3/11	M-17.10-02.....7/3/08	M-40.30-01.....7/11/17
M-1.80-03.....6/3/11	M-20.10-02.....6/3/11	M-40.40-00.....9/20/07
M-2.20-03.....7/10/15	M-20.20-02.....4/20/15	M-40.50-00.....9/20/07
M-2.21-00.....7/10/15	M-20.30-04.....2/29/16	M-40.60-00.....9/20/07
M-3.10-03.....6/3/11	M-20.40-03.....6/24/14	M-60.10-01.....6/3/11

M-3.20-02.....6/3/11	M-20.50-02.....6/3/11	M-60.20-02.....6/27/11
M-3.30-03.....6/3/11	M-24.20-02.....4/20/15	M-65.10-02.....5/11/11
M-3.40-03.....6/3/11	M-24.40-02.....4/20/15	M-80.10-01.....6/3/11
M-3.50-02.....6/3/11	M-24.50-00.....6/16/11	M-80.20-00.....6/10/08
M-5.10-02.....6/3/11	M-24.60-04.....6/24/14	M-80.30-00.....6/10/08
M-7.50-01.....1/30/07	M-24.65-00.....7/11/17	
M-9.50-02.....6/24/14	M-24.66-00.....7/11/17	
M-9.60-00.....2/10/09		
M-11.10-02.....7/11/17		

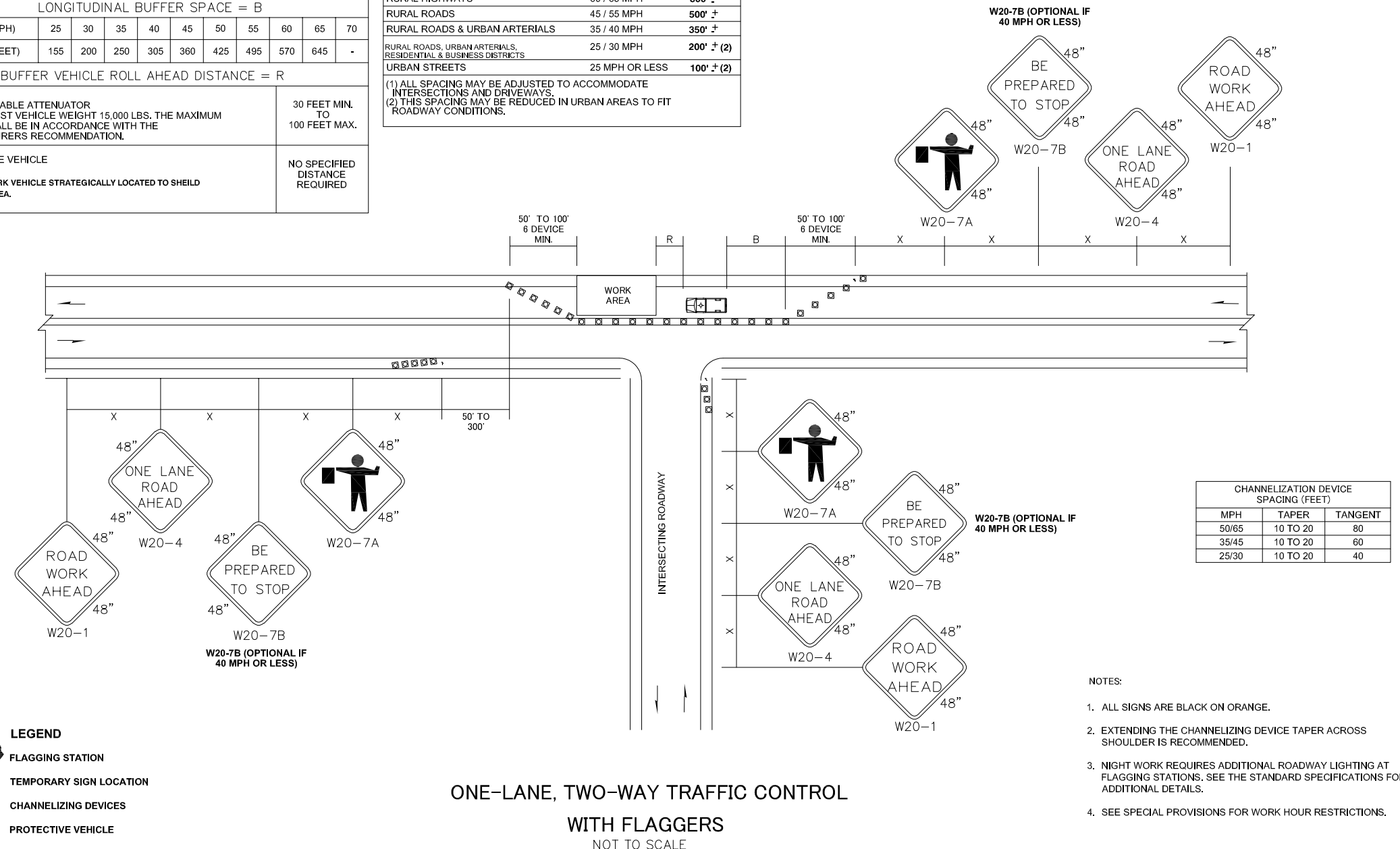
APPENDIX A

Traffic Control Plan

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	-
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.									30 FEET MIN. TO 100 FEET MAX.	
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.									NO SPECIFIED DISTANCE REQUIRED	

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



**ONE-LANE, TWO-WAY TRAFFIC CONTROL
WITH FLAGGERS**
NOT TO SCALE

DESIGNED BY :	NO.	DATE	REVISION	BY	APP.
DRAWN BY :					
CHECKED BY :					
DATE :					

**2018 COUNTYWIDE
HMA PROJECT**

COUNTY ROAD PROJECT NO: 2179C
TRAFFIC CONTROL PLAN (TC-1)

SHEET
1
OF
1

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555
"It's the Law"
Utilities Underground Location Center

Donald J. Carney, P.E.
Senior Engineer/Design
Donald J. Carney
Date: 3/12/18



APPENDIX B

WASHINGTON STATE PREVAILING WAGE RATES

INCLUDING:

State Wage Rates

Wage Rate Supplements

Wage Rate Benefit Codes

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

Washington State Prevailing Wage

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

Journey Level Prevailing Wage Rates for the Effective Date: 5/17/2018

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Lewis	Asbestos Abatement Workers	Journey Level	\$46.57	<u>5D</u>	<u>1H</u>	
Lewis	Boilermakers	Journey Level	\$66.54	<u>5N</u>	<u>1C</u>	
Lewis	Brick Mason	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Brick Mason	Pointer-Caulker-Cleaner	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Building Service Employees	Janitor	\$11.50		<u>1</u>	
Lewis	Building Service Employees	Shampooer	\$11.50		<u>1</u>	
Lewis	Building Service Employees	Waxer	\$11.50		<u>1</u>	
Lewis	Building Service Employees	Window Cleaner	\$13.22		<u>1</u>	
Lewis	Cabinet Makers (In Shop)	Journey Level	\$23.17		<u>1</u>	
Lewis	Carpenters	Acoustical Worker	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Bridge, Dock And Wharf Carpenters	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Carpenter	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Carpenters on Stationary Tools	\$57.31	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Creosoted Material	\$57.28	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Floor Finisher	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Floor Layer	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Carpenters	Scaffold Erector	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Cement Masons	Journey Level	\$57.21	<u>7A</u>	<u>1M</u>	
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$110.54	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Dive Supervisor/Master	\$72.97	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Diver	\$110.54	<u>5D</u>	<u>4C</u>	<u>8V</u>
Lewis	Divers & Tenders	Diver On Standby	\$67.97	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Diver Tender	\$61.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Manifold Operator	\$61.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$66.65	<u>5D</u>	<u>4C</u>	
Lewis	Divers & Tenders	Remote Operated Vehicle	\$61.65	<u>5D</u>	<u>4C</u>	

		Operator/Technician				
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$57.43	<u>5A</u>	<u>4C</u>	
Lewis	Dredge Workers	Assistant Engineer	\$56.44	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$56.00	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Boatmen	\$56.44	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Engineer Welder	\$57.51	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Leverman, Hydraulic	\$58.67	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Mates	\$56.44	<u>5D</u>	<u>3F</u>	
Lewis	Dredge Workers	Oiler	\$56.00	<u>5D</u>	<u>3F</u>	
Lewis	Drywall Applicator	Journey Level	\$56.78	<u>5D</u>	<u>1H</u>	
Lewis	Drywall Tapers	Journey Level	\$23.26		<u>1</u>	
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$11.50		<u>1</u>	
Lewis	Electricians - Inside	Cable Splicer	\$68.47	<u>5C</u>	<u>1G</u>	
Lewis	Electricians - Inside	Journey Level	\$64.26	<u>5C</u>	<u>1G</u>	
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$72.67	<u>5C</u>	<u>1G</u>	
Lewis	Electricians - Inside	Welder	\$68.47	<u>5C</u>	<u>1G</u>	
Lewis	Electricians - Motor Shop	Craftsman	\$15.37		<u>1</u>	
Lewis	Electricians - Motor Shop	Journey Level	\$14.69		<u>1</u>	
Lewis	Electricians - Powerline Construction	Cable Splicer	\$79.43	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$69.75	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Groundperson	\$46.28	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$69.75	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$69.75	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$59.01	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Meter Installer	\$46.28	<u>5A</u>	<u>4D</u>	<u>8W</u>
Lewis	Electricians - Powerline Construction	Pole Sprayer	\$69.75	<u>5A</u>	<u>4D</u>	
Lewis	Electricians - Powerline Construction	Powderperson	\$52.20	<u>5A</u>	<u>4D</u>	
Lewis	Electronic Technicians	Journey Level	\$28.46		<u>1</u>	
Lewis	Elevator Constructors	Mechanic	\$91.24	<u>7D</u>	<u>4A</u>	
Lewis	Elevator Constructors	Mechanic In Charge	\$98.51	<u>7D</u>	<u>4A</u>	
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		<u>1</u>	
Lewis	Fence Erectors	Fence Erector	\$13.80		<u>1</u>	
Lewis	Fence Erectors	Fence Laborer	\$11.60		<u>1</u>	
Lewis	Flaggers	Journey Level	\$39.48	<u>7A</u>	<u>3I</u>	
Lewis	Glaziers	Journey Level	\$23.50		<u>1</u>	
Lewis	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$67.93	<u>5J</u>	<u>4H</u>	
Lewis	Heating Equipment Mechanics	Journey Level	\$78.17	<u>7E</u>	<u>1E</u>	

Lewis	Hod Carriers & Mason Tenders	Journey Level	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$11.50		<u>1</u>	
Lewis	Inland Boatmen	Boat Operator	\$61.41	<u>5B</u>	<u>1K</u>	
Lewis	Inland Boatmen	Cook	\$56.48	<u>5B</u>	<u>1K</u>	
Lewis	Inland Boatmen	Deckhand	\$57.48	<u>5B</u>	<u>1K</u>	
Lewis	Inland Boatmen	Deckhand Engineer	\$58.81	<u>5B</u>	<u>1K</u>	
Lewis	Inland Boatmen	Launch Operator	\$58.89	<u>5B</u>	<u>1K</u>	
Lewis	Inland Boatmen	Mate	\$57.31	<u>5B</u>	<u>1K</u>	
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$11.50		<u>1</u>	
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$11.50		<u>1</u>	
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$12.78		<u>1</u>	
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$11.50		<u>1</u>	
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$11.50		<u>1</u>	
Lewis	Insulation Applicators	Journey Level	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Ironworkers	Journeyman	\$67.88	<u>7N</u>	<u>1O</u>	
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Airtrac Drill Operator	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Ballast Regular Machine	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Batch Weighman	\$39.48	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Brick Pavers	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Brush Cutter	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Brush Hog Feeder	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Burner	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Caisson Worker	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Carpenter Tender	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Caulker	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Cement Dumper-paving	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Cement Finisher Tender	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Change House Or Dry Shack	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Chipping Gun (under 30 Lbs.)	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Chipping Gun(30 Lbs. And Over)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Choker Setter	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Chuck Tender	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Clary Power Spreader	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Clean-up Laborer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Concrete Dumper/chute Operator	\$47.44	<u>7A</u>	<u>3I</u>	

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

Lewis	Laborers	Pilot Car	\$39.48	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Layer Lead	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Layer/tailor	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Pot Tender	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Reliner	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pipe Wrapper	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Pot Tender	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Powderman	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Powderman's Helper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Power Jacks	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Railroad Spike Puller - Power	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Raker - Asphalt	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Re-timberman	\$48.02	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Remote Equipment Operator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rigger/signal Person	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rip Rap Person	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rivet Buster	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Rodder	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Scaffold Erector	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Scale Person	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Sloper (over 20")	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Sloper Sprayer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Spreader (concrete)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Stake Hopper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Stock Piler	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tamper (multiple & Self-propelled)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Timber Person - Sewer (lagger, Shorer & Cribber)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Toolroom Person (at Jobsite)	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Topper	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Track Laborer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Track Liner (power)	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Traffic Control Laborer	\$42.22	<u>7A</u>	<u>3I</u>	<u>8R</u>
Lewis	Laborers	Traffic Control Supervisor	\$42.22	<u>7A</u>	<u>3I</u>	<u>8R</u>
Lewis	Laborers	Truck Spotter	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tugger Operator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$92.60	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$97.63	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$101.31	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$107.01	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air	\$109.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>

		Worker 60.01-64.00 psi				
Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$114.23	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$116.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$118.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$120.13	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$48.12	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Tunnel Work-Miner	\$48.12	<u>7A</u>	<u>3I</u>	<u>8Q</u>
Lewis	Laborers	Vibrator	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Vinyl Seamer	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Watchman	\$35.88	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Welder	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Well Point Laborer	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Laborers	Window Washer/cleaner	\$35.88	<u>7A</u>	<u>3I</u>	
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Laborers - Underground Sewer & Water	Pipe Layer	\$47.44	<u>7A</u>	<u>3I</u>	
Lewis	Landscape Construction	Irrigation Or Lawn Sprinkler Installers	\$11.50		<u>1</u>	
Lewis	Landscape Construction	Landscape Equipment Operators Or Truck Drivers	\$11.50		<u>1</u>	
Lewis	Landscape Construction	Landscaping Or Planting Laborers	\$11.50		<u>1</u>	
Lewis	Lathers	Journey Level	\$56.78	<u>5D</u>	<u>1H</u>	
Lewis	Marble Setters	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Metal Fabrication (In Shop)	Fitter	\$15.16		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Laborer	\$11.50		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Machine Operator	\$11.50		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Painter	\$11.50		<u>1</u>	
Lewis	Metal Fabrication (In Shop)	Welder	\$15.16		<u>1</u>	
Lewis	Millwright	Journey Level	\$58.68	<u>5D</u>	<u>4C</u>	
Lewis	Modular Buildings	Cabinet Assembly	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Electrician	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Equipment Maintenance	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Plumber	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Production Worker	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Tool Maintenance	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Utility Person	\$11.50		<u>1</u>	
Lewis	Modular Buildings	Welder	\$11.50		<u>1</u>	
Lewis	Painters	Journey Level	\$41.60	<u>6Z</u>	<u>2B</u>	
Lewis	Pile Driver	Crew Tender	\$52.37	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$71.35	<u>5D</u>	<u>4C</u>	

Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$76.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$80.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$85.35	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$87.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$92.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$94.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$96.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$98.85	<u>5D</u>	<u>4C</u>	
Lewis	Pile Driver	Journey Level	\$57.43	<u>5D</u>	<u>4C</u>	
Lewis	Plasterers	Journey Level	\$54.89	<u>7Q</u>	<u>1R</u>	
Lewis	Playground & Park Equipment Installers	Journey Level	\$11.50		<u>1</u>	
Lewis	Plumbers & Pipefitters	Journey Level	\$67.47	<u>5A</u>	<u>1G</u>	
Lewis	Power Equipment Operators	Asphalt Plant Operator	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Assistant Engineers	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Barrier Machine (zipper)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Batch Plant Operator: Concrete	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Bobcat	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Brooms	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Bump Cutter	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Cableways	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Chipper	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Compressor	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Finish Machine - laser Screed	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>

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

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

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

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

	Underground Sewer & Water	And Under				
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$62.33	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$61.72	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Crusher	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Derricks, On Building Work	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Drilling Machine	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets, etc.	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Gradechecker/stakeman	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Guardrail punch/Auger	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Locator	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Operator	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$61.10	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-	Loader, Overhead, 6 Yards.	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>

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

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

Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$59.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Welder	\$60.49	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	\$56.90	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	\$59.96	<u>7A</u>	<u>3C</u>	<u>8P</u>
Lewis	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$50.02	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Spray Person	\$47.43	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$50.02	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer	\$44.64	<u>5A</u>	<u>4A</u>	
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$33.67	<u>5A</u>	<u>4A</u>	
Lewis	Refrigeration & Air Conditioning Mechanics	Journey Level	\$23.96		<u>1</u>	
Lewis	Residential Brick Mason	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Carpenters	Journey Level	\$21.90		<u>1</u>	
Lewis	Residential Cement Masons	Journey Level	\$13.00		<u>1</u>	
Lewis	Residential Drywall Applicators	Journey Level	\$31.73		<u>1</u>	
Lewis	Residential Drywall Tapers	Journey Level	\$18.95		<u>1</u>	
Lewis	Residential Electricians	Journey Level	\$32.28	<u>5A</u>	<u>1B</u>	
Lewis	Residential Glaziers	Journey Level	\$19.66		<u>1</u>	
Lewis	Residential Insulation Applicators	Journey Level	\$15.00		<u>1</u>	
Lewis	Residential Laborers	Journey Level	\$20.32		<u>1</u>	
Lewis	Residential Marble Setters	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Painters	Journey Level	\$16.50		<u>1</u>	
Lewis	Residential Plumbers & Pipefitters	Journey Level	\$20.40		<u>1</u>	
Lewis	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$24.88		<u>1</u>	
Lewis	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$29.28		<u>1</u>	
Lewis	Residential Soft Floor Layers	Journey Level	\$11.50		<u>1</u>	
Lewis	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$15.70		<u>1</u>	
Lewis	Residential Stone Masons	Journey Level	\$17.00		<u>1</u>	
Lewis	Residential Terrazzo Workers	Journey Level	\$11.50		<u>1</u>	
Lewis	Residential Terrazzo/Tile Finishers	Journey Level	\$11.50		<u>1</u>	
Lewis	Residential Tile Setters	Journey Level	\$11.50		<u>1</u>	
Lewis	Roofers	Journey Level	\$51.02	<u>5A</u>	<u>3H</u>	
Lewis	Roofers	Using Irritable Bituminous Materials	\$54.02	<u>5A</u>	<u>3H</u>	

Lewis	Sheet Metal Workers	Journey Level (Field or Shop)	\$78.17	<u>7F</u>	<u>1E</u>	
Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		<u>1</u>	
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$46.57	<u>7A</u>	<u>3I</u>	
Lewis	Soft Floor Layers	Journey Level	\$22.87		<u>1</u>	
Lewis	Solar Controls For Windows	Journey Level	\$11.50		<u>1</u>	
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$56.81	<u>7J</u>	<u>1R</u>	
Lewis	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.23		<u>1</u>	
Lewis	Stone Masons	Journey Level	\$55.82	<u>5A</u>	<u>1M</u>	
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		<u>1</u>	
Lewis	Surveyors	All Classifications	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Surveyors	Construction Site Surveyor	\$57.18	<u>5D</u>	<u>4C</u>	
Lewis	Telecommunication Technicians	Journey Level	\$31.72		<u>1</u>	
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$40.52	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$22.78	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Installer (Repairer)	\$38.87	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Special Aparatus Installer I	\$40.52	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Special Apparatus Installer II	\$39.73	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$40.52	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$37.74	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$37.74	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Groundperson	\$21.60	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Lineperson/Installer	\$28.68	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television System Technician	\$34.10	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Television Technician	\$30.69	<u>5A</u>	<u>2B</u>	
Lewis	Telephone Line Construction - Outside	Tree Trimmer	\$37.74	<u>5A</u>	<u>2B</u>	
Lewis	Terrazzo Workers	Journey Level	\$51.36	<u>5A</u>	<u>1M</u>	
Lewis	Tile Setters	Journey Level	\$21.65		<u>1</u>	
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$42.19	<u>5A</u>	<u>1B</u>	
Lewis	Traffic Control Stripers	Journey Level	\$45.43	<u>7A</u>	<u>1K</u>	
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards (W. WA-Joint Council 28)	\$52.70	<u>5D</u>	<u>3A</u>	<u>8L</u>
Lewis	Truck Drivers	Asphalt Mix To 16 Yards (W.	\$51.86	<u>5D</u>	<u>3A</u>	<u>8L</u>

		WA-Joint Council 28)			
Lewis	Truck Drivers	Dump Truck	\$21.08		<u>1</u>
Lewis	Truck Drivers	Dump Truck And Trailer	\$21.08		<u>1</u>
Lewis	Truck Drivers	Other Trucks	\$32.52		<u>1</u>
Lewis	Truck Drivers	Transit Mixer	\$29.67	<u>6l</u>	<u>2H</u>
Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		<u>1</u>
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$11.50		<u>1</u>
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		<u>1</u>

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 3/3/2018 thru 8/30/2018

Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
 - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
 - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
 - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
 - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

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

Overtime Codes Continued

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

Overtime Codes Continued

3.
 - E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
 - F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
 - H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
 - I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
 - J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
 - A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
 - B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
 - C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

Overtime Codes Continued

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

EXCEPTION:

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

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

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

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

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

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

- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- H. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

Holiday Codes

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

Benefit Code Key – Effective 3/3/2018 thru 8/30/2018

Holiday Codes Continued

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

Benefit Code Key – Effective 3/3/2018 thru 8/30/2018

Holiday Codes Continued

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

Holiday Codes Continued

7. I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Holiday Codes Continued

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

Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- R. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Note Codes Continued

8. U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- 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.

APPENDIX C

BID PROPOSAL DOCUMENTS

INCLUDING:

Notice to Contractor

Proposal Form

Non-Collusion Declaration

Proposal Signature Page

Certification of Compliance



Lewis County Department of Public Works

Erik P. Martin, Director

Tim Fife, PE, County Engineer

NOTICE TO CONTRACTORS

NOTICE IS HERBY GIVEN that the Board of County Commissioners of Lewis County or designee will open sealed proposals and publicly read them aloud on or after 11:00 A.M. on **Tuesday, June 5, 2018**, at the Lewis County Courthouse in Chehalis, Washington, for the 2018 Countywide HMA Project - CRP 2179C. This contract provides for the improvement of *** **various roads in Lewis County by pavement repair, cleaning, sweeping, applying tack coat, paving with HMA, approach transitions, shoulder finishing, traffic control and paving various Bridge approaches with HMA** *** and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, June 5, 2018

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

Sealed proposals must be delivered to the Lewis County Commissioners Office (351 N.W. North Street, Room 209, CMS-01, Chehalis, Washington 98532), by or before **11:00 A.M.** on the date specified for delivery, and in an envelope clearly marked: **“SEALED BID FOR THE 2018 COUNTYWIDE HMA PROJECT - CRP 2179C, TO BE OPENED ON OR AFTER 11:00 A.M. ON JUNE 5, 2018.”**

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 performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ www.lewiscountywa.gov or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you.

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

Proposal

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

This certifies that the undersigned has examined the location of the 2018 Countywide HMA Project, CRP 2179C, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
1	1 L.S.	Mobilization	Lump Sum	\$
2	2,826 S.Y.	Pavement Repair Excavation Incl. Haul	\$	\$
3	11 TON	Crushed Surfacing Base Course	\$	\$
4	1.42 MILE	Shoulder Finishing	\$	\$
5	3,381 S.Y.	Planing Bituminous Pavement	\$	\$
6	377 TON	HMA For Pavement Repair CL. 1/2 IN. PG 58H-22	\$	\$
7	1,560 S.Y.	Paving Reinforcement Grid	\$	\$
8	267 TON	HMA For Preleveling 3/8 IN. PG 58V-22	\$	\$
9	826 TON	HMA For Preleveling 1/2 IN. PG 58H-22	\$	\$
10	271 TON	HMA CL. 3/8 IN. PG 58V-22	\$	\$
11	814 TON	HMA CL. 1/2 IN. PG 58H-22	\$	\$
12	25 TON	HMA For Approach CL. 3/8 IN. PG 58V-22	\$	\$
13	85 TON	HMA For Approach CL. 1/2 IN. PG 58H-22	\$	\$
14	1 L.S.	Other Temporary Traffic Control	Lump Sum	\$
15	1 L.S.	Traffic Control Supervisor	Lump Sum	\$
16	820 HR	Flaggers	\$	\$
17	395 S.F.	Construction Signs Class A	\$	\$
18	4 EACH	Signal Induction Loop Type 3	\$	\$
19	1 L.S.	Trimming And Cleanup	Lump Sum	\$
20	4 EACH	Mailbox Support Type 1	\$	\$
21	0 EST.	Reimbursement For Third Party Damage	Estimated	\$0.00
22	1 CALC	Minor Change	Lump Sum	\$25,000.00
23	1 L.S.	SPCC Plan	Lump Sum	\$
			Total	

NON-COLLUSION DECLARATION

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

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

NOTICE TO ALL BIDDERS

To report bid rigging activities

1-800-424-9071

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

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

DOT Form 272-036H
Revised 10/94

PROPOSAL - SIGNATURE PAGE

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

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

CASH **IN THE AMOUNT OF** _____

CASHIER'S CHECK _____ **DOLLARS**

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

PROPOSAL BOND **IN THE AMOUNT OF 5% OF THE BID**

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

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed

Firm Name

Address

State of Washington Contractor's License No.

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

Federal ID No.

Note:

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

*Attach Power of Attorney



Lewis County Department of Public Works

Erik P. Martin, PE, Director / County Engineer

Tim Fife, PE, Assistant County Engineer

Certification of Compliance with Wage Payment Statutes

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (), the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Bidder's Business Name

Signature of Authorized Official*

Printed Name

Title

Date

City

State

Check One:

Sole Proprietorship Partnership Joint Venture Corporation

State of Incorporation, or if not a corporation, State where business entity was formed:

If a co-partnership, give firm name under which business is transacted:

** If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co-partnership, proposal must be executed by a partner.*

APPENDIX D

CONTRACT DOCUMENTS

INCLUDING:

Contract Form

Performance Bond

Power Equipment List

CONTRACT

THIS AGREEMENT, made and entered into this __ day of _____, 2018, 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 various roads in Lewis County by pavement repair, cleaning, sweeping, applying tack coat, paving with HMA, approach transitions, shoulder finishing, traffic control and paving various Bridge 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 by 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: _____, 2018

By: _____

Surety

By: _____

Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN L. MEYER, Prosecuting Attorney

By: _____

Civil Deputy

APPROVED:

County Engineer

Contract – 2

**PERFORMANCE 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 Oblige, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract No. CRP 2179C, 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 2018 Countywide 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. CRP 2179C, between the below-named Contractor and County for the 2018 Countywide 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/Publications/Manuals/.
- (4) Whenever County has declared Contractor to be in default and County has given Surety written notice of such declaration, Surety shall promptly (in no event more than thirty [30] days following receipt of such notice), specify, in written notice to County, which of the following actions Surety intends to take to remedy such default, and thereafter shall:
 - (a) Remedy the default within fifteen (15) days after its notice to County, as stated in such notice; or
 - (b) Assume within fifteen (15) days following its notice to County, full responsibility for the completion of the Contract in accordance with all of its provisions, as stated in such notice, and become entitled to payment of the balance of the Contract sum as provided in the Contract; or
 - (c) Pay County upon completion of the Contract, in cash, the cost of completion together with all other reasonable costs and expenses incurred by County as a result of Contractor's default, including but not limited to those incurred by County to mitigate its losses, which may include but are not limited to attorneys' fees and the cost of efforts to complete the work prior to Surety's exercising any option available to it under this Bond; or
 - (d) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon a determination by County and Surety jointly of the lowest responsible bidder, arrange for one or more agreements between such bidder and County, and make available as work progresses (even though there is a default or a succession of defaults under such agreement(s) for completion arranged for under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the penal sum of this Bond. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract, less the amount properly paid by County to Contractor.

(5) If County commences suit and obtains judgment against Surety for recovery hereunder, then Surety, in addition to such judgment, shall pay all costs and attorneys' fees incurred by County in enforcement of County's rights hereunder. The venue for any action arising out of or in connection with this bond shall be in Lewis County, Washington.

(6) No right or action shall accrue on this Bond to or for the use of any person or corporation other than Lewis County, except as herein provided.

(7) No rider, amendment or other document modifies this Bond except as follows, which by this reference is incorporated herein:

SURETY'S QUALIFICATIONS: Every Surety named on this bond must appear on the United States Treasury Department's most current list (Circular 570 as amended or superseded) and be authorized by the Washington State Insurance Commissioner to transact business as a surety in the State of Washington. In addition, the Surety must have a current rating of at least A-:VII in A. M. Best's Key Rating Guide.

INSTRUCTIONS FOR SIGNATURES: This bond must be signed by the president or a vice-president of a corporation; the managing general partner of a partnership; managing joint venturer of a joint venture; manager of a limited liability company or, if no manager has been designated, a member of such LLC; a general partner of a limited liability partnership; or the owner(s) of a sole proprietorship. If the bond is signed by any other representative, the Principal must attach currently-dated, written proof of that signer's authority to bind the Principal, identifying and quoting the provision in the corporate articles of incorporation, bylaws, Board resolution, partnership agreement, certificate of formation, or other document authorizing delegation of signature authority to such signer, and confirmation acceptable to the County that such delegation was in effect on the date the bond was signed. **A NOTARY PUBLIC MUST ACKNOWLEDGE EACH SIGNATURE BELOW.**

FOR THE SURETY:

FOR THE PRINCIPAL:

By _____
(Signature of Attorney-in-Fact)

By: _____
(Signature of authorized signer for Contractor)

(Type or print name of Attorney-in-Fact)

(Type or print name of signer for Contractor)

(Type or print telephone number for Attorney-in-Fact)

(Type or print title of signer for Contractor)

STATE OF _____)
) ss: **ACKNOWLEDGMENT FOR CONTRACTOR**
COUNTY OF _____)

On this ____ day of _____, _____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, the person described in and who executed the foregoing bond, and acknowledged to me that _____ signed and sealed said bond as the free and voluntary act and deed of the Contractor so identified in the foregoing bond for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute said bond for the Contractor named therein. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

(Signature of Notary Public) (Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____ **SEAL →**

STATE OF _____)
) ss: **ACKNOWLEDGMENT FOR SURETY**
COUNTY OF _____)

On this ____ day of _____, _____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, Attorney-in-Fact for the Surety that executed the foregoing bond, and acknowledged said bond to be the free and voluntary act and deed of the Surety for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute said bond on behalf of the Surety, and that the seal affixed on said bond or the annexed Power of Attorney is the corporate seal of said Surety. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

(Signature of Notary Public) (Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____ **SEAL →**

POWER EQUIPMENT LIST

The undersigned furthermore certifies that he/she is thoroughly aware that time is of the essence for the completion of this contract within the time specified in the special provisions, and hereby agrees to provide the Engineer a list of his power equipment to be used on this project.

This equipment list will be used in computing any Force Account that may be performed within this contract.

The Contractor must complete this form in its entirety.

POWER EQUIPMENT

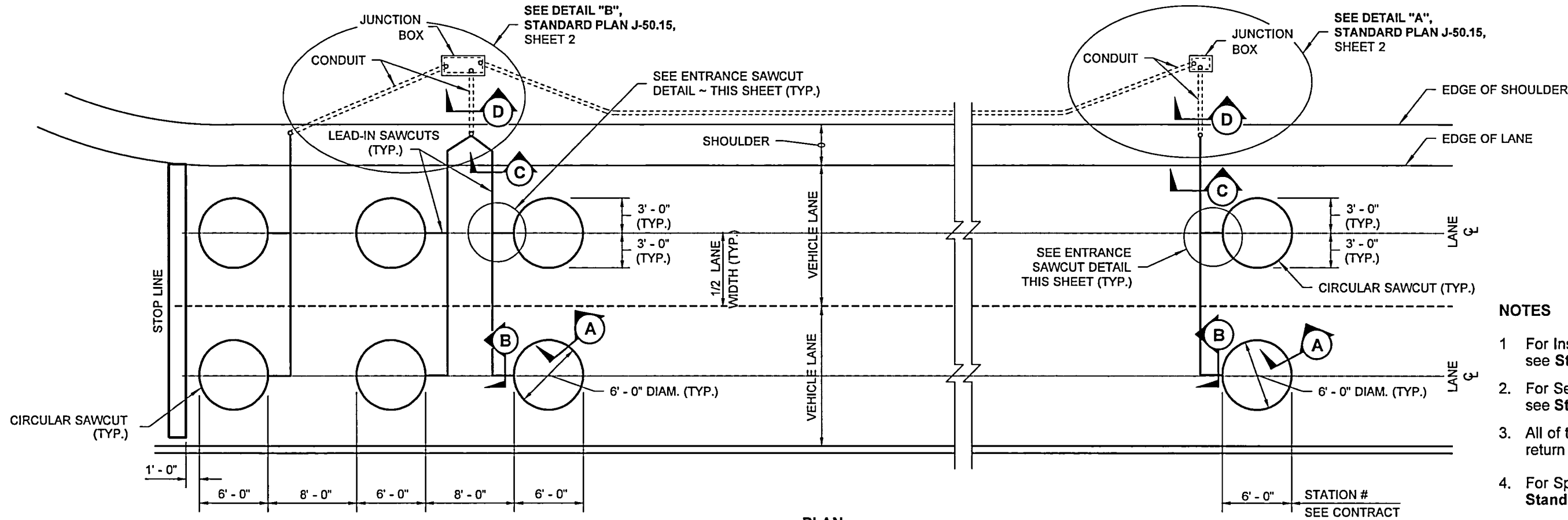
Type of Equipment	Make	Model Number	Serial Number	* Capacity	Year Built

APPENDIX E

VICINITY MAPS

CONTRACT PLANS: TYPICAL SECTION

DRAWN BY: FERN LIDDELL



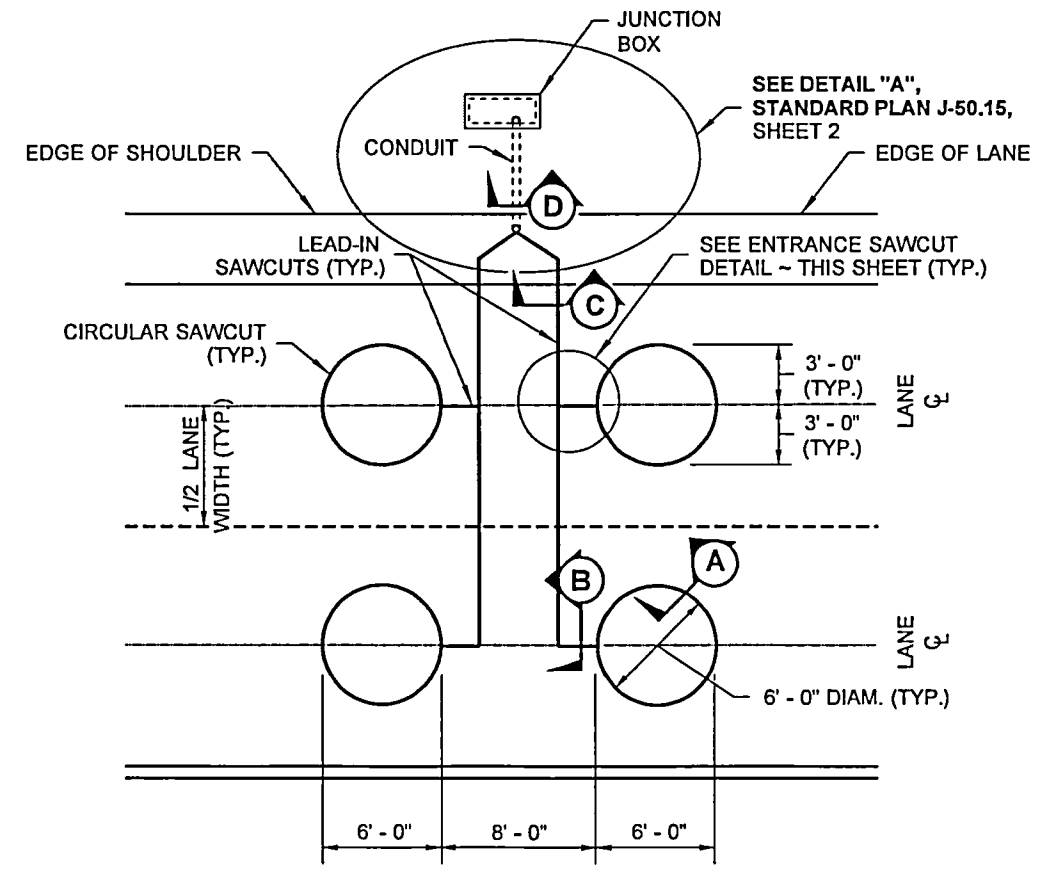
TYPE 3 STOP LINE LOOPS

PLAN

TYPE 3 ADVANCE LOOPS

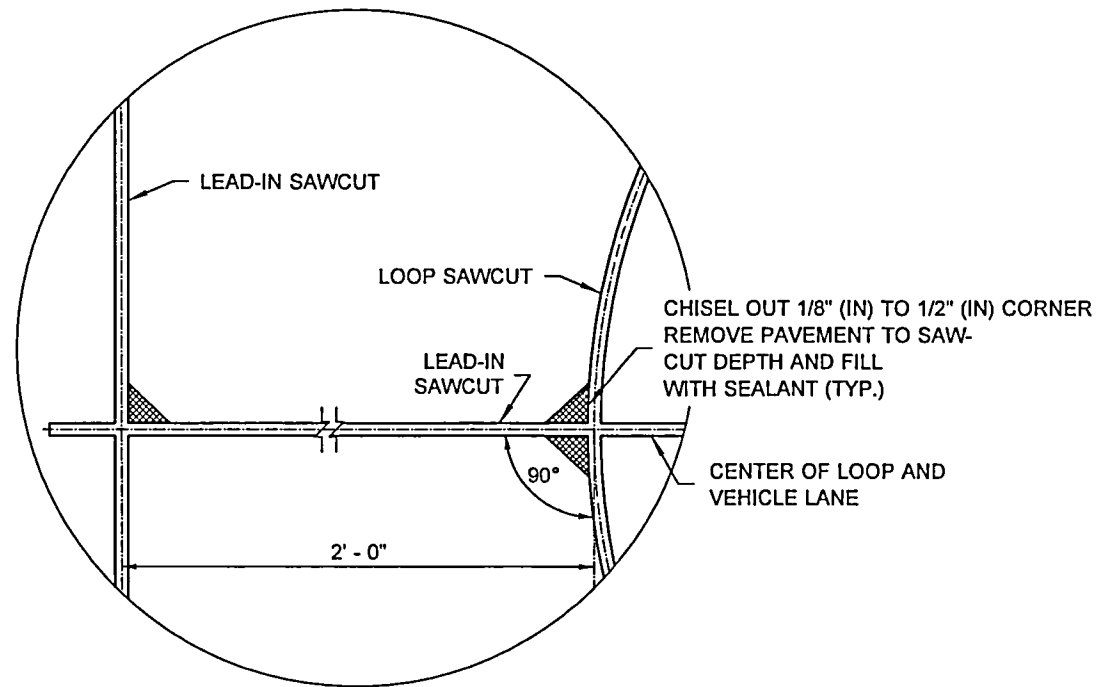
NOTES

1. For Installation Notes and Details see **Standard Plan J-50.15**.
2. For Sections A, B, C, and D, see **Standard Plan J-50.15**.
3. All of the loop lead-in wires shall return to the Junction Box.
4. For Splice Detail, see **Standard Plan J-50.05**.
5. For Loop numbering Layout Details, see **sheet 3**.
6. For additional Induction Loop Details, see **Standard Plan J-50.15**.

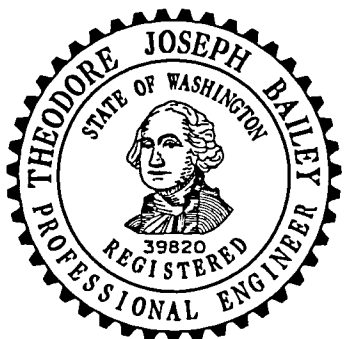


TYPE 3 SAMPLING LOOPS

PLAN



ENTRANCE SAWCUT DETAIL



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 cosign

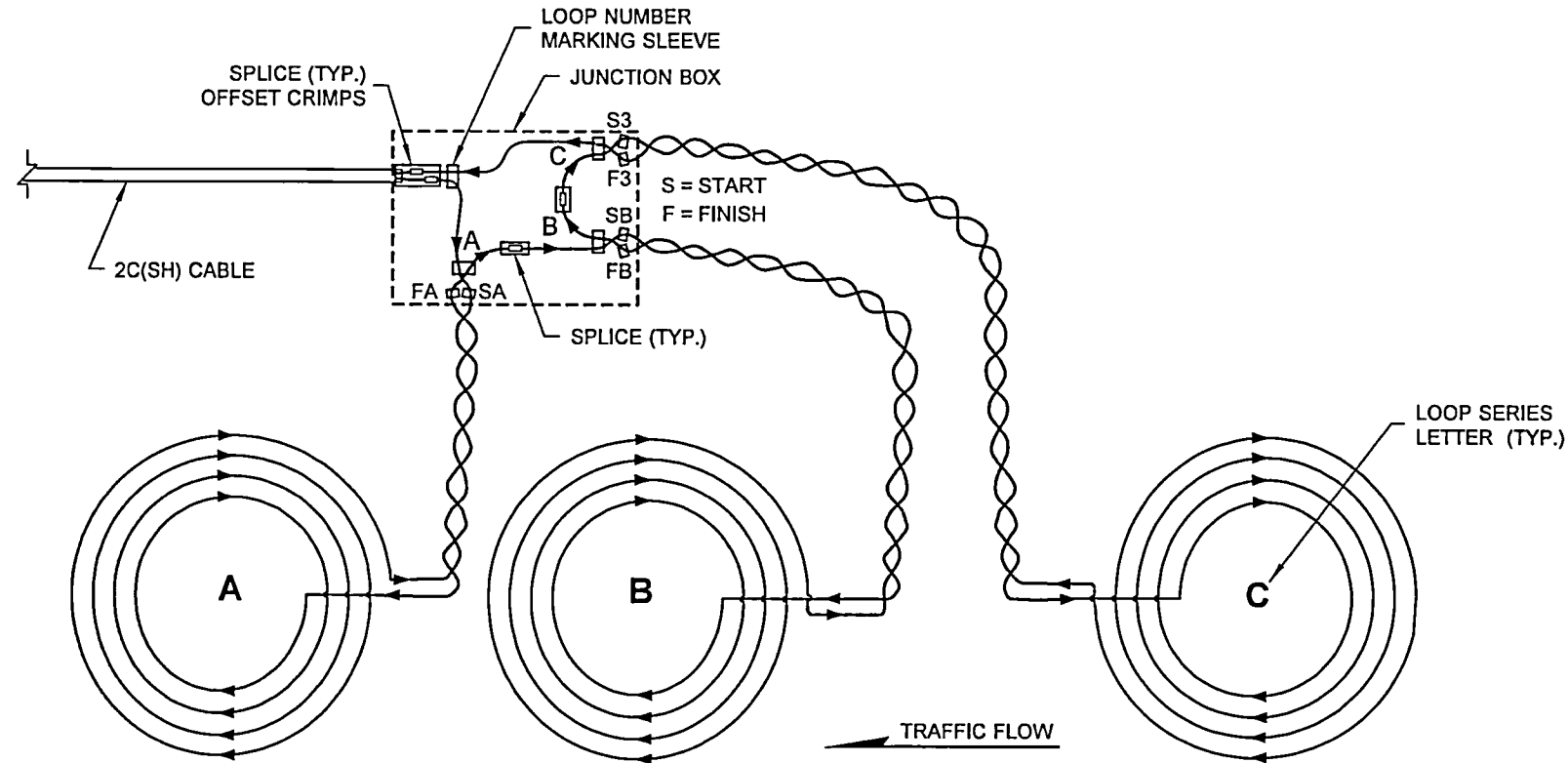
TYPE 3 INDUCTION LOOP

STANDARD PLAN J-50.12-01

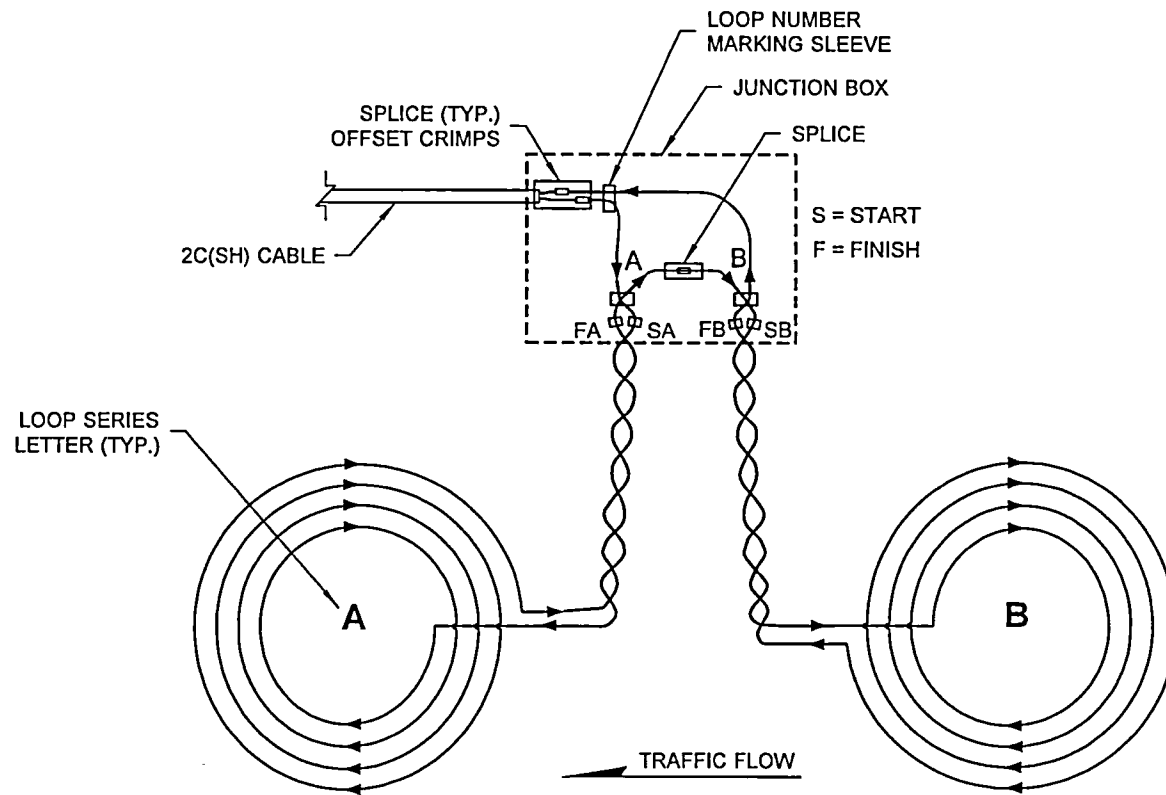
SHEET 1 OF 3 SHEETS

APPROVED FOR PUBLICATION	
<i>[Signature]</i>	Carpenter, Jeff Jul 21 2017 8:14 AM
STATE DESIGN ENGINEER	
Washington State Department of Transportation	

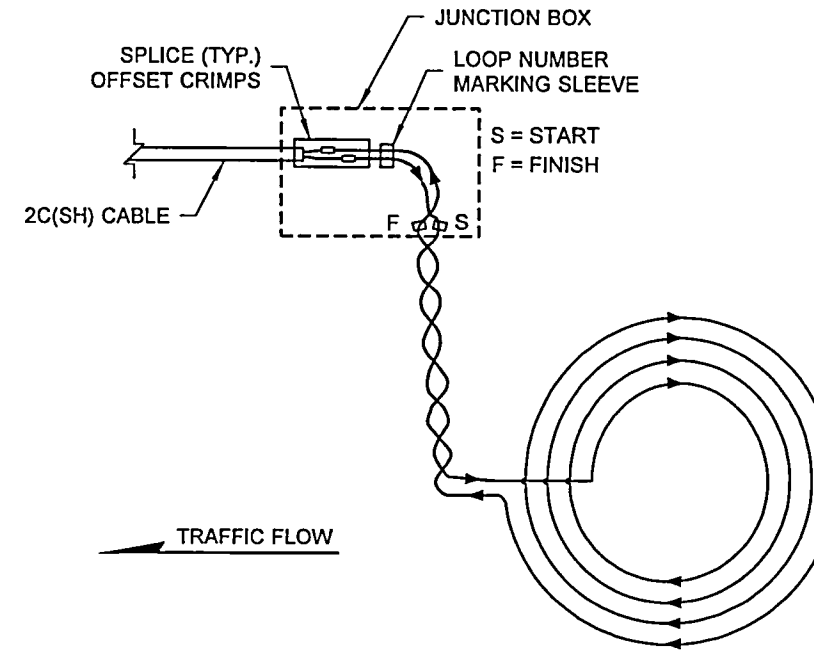
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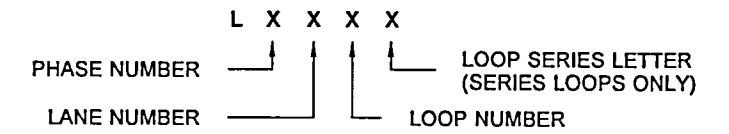
TYPE 3 STOP LINE LOOP WIRING DIAGRAM
SERIES SPLICE SHOWN



TYPE 3 SAMPLING LOOP WIRING DIAGRAM
SERIES SPLICE SHOWN



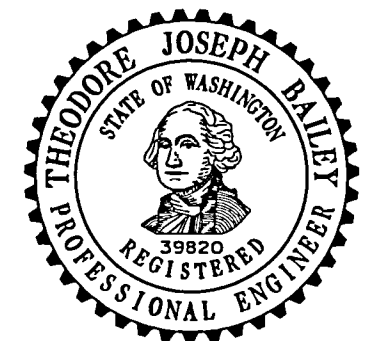
TYPE 3 ADVANCE LOOP WIRING DIAGRAM



LOOP NUMBER MARKING DETAIL

NOTES

Loop numbering layout will be similar to Loop Numbering Layout Detail, Sheet 3.



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TYPE 3 INDUCTION LOOP

STANDARD PLAN J-50.12-01

SHEET 2 OF 3 SHEETS

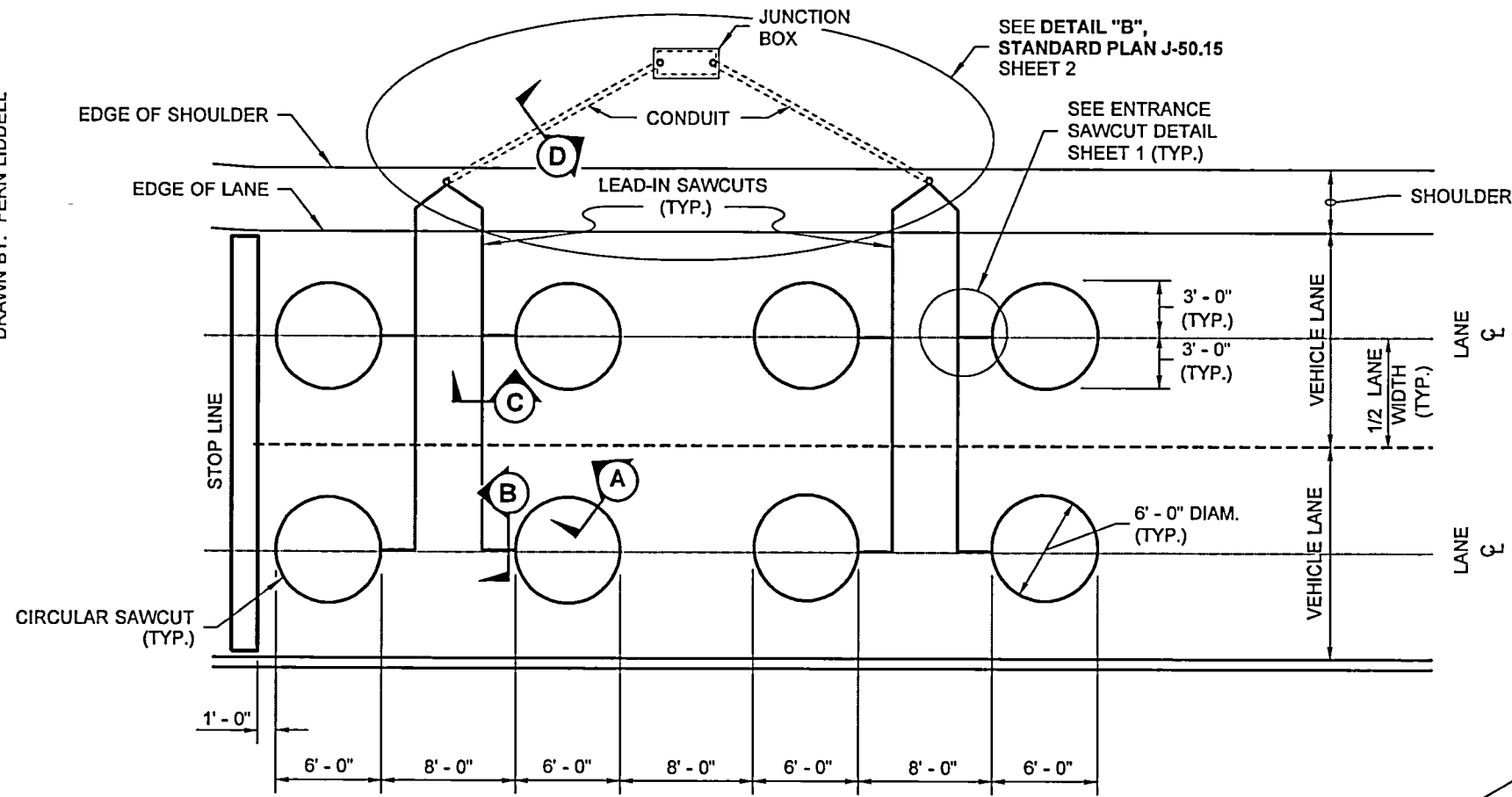
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Jul 21 2017 8:14 AM

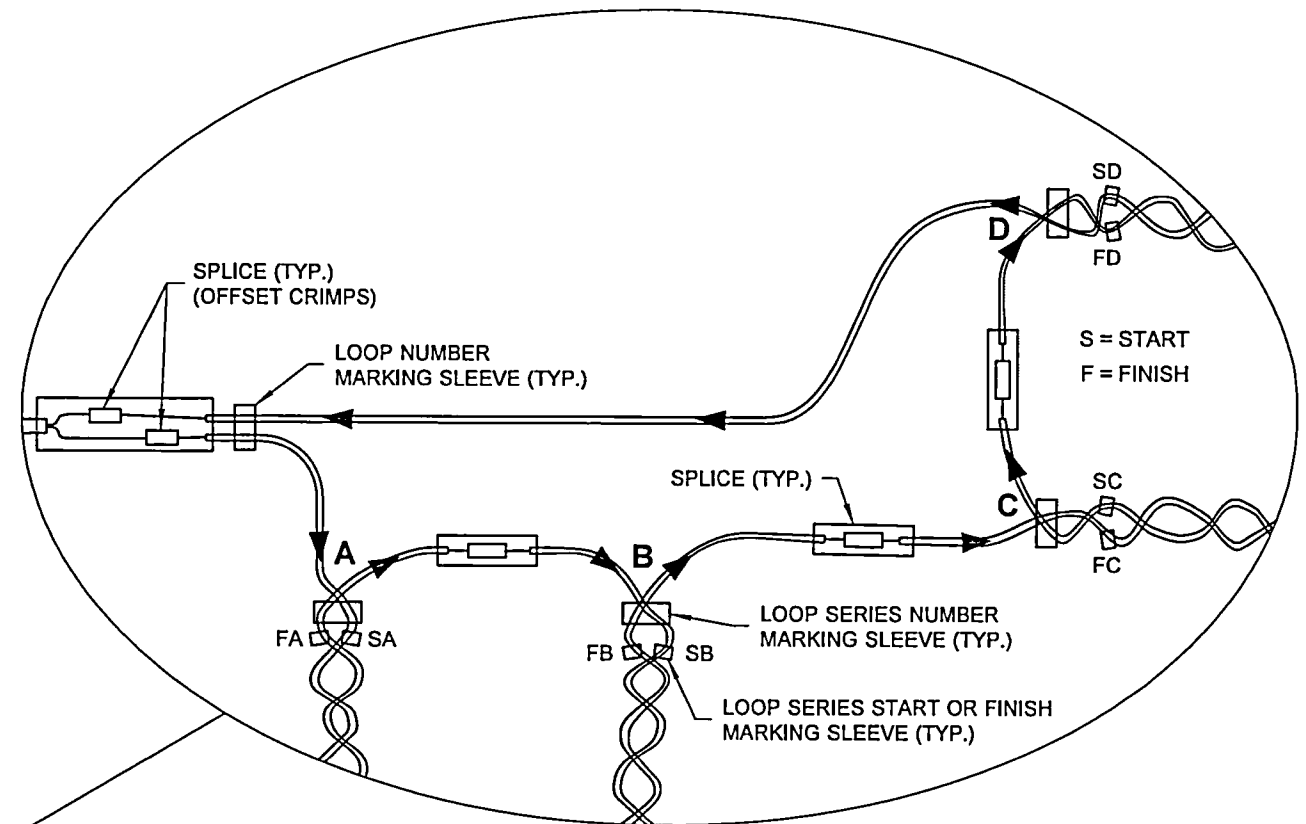
STATE DESIGN ENGINEER



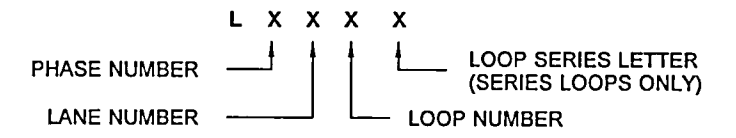
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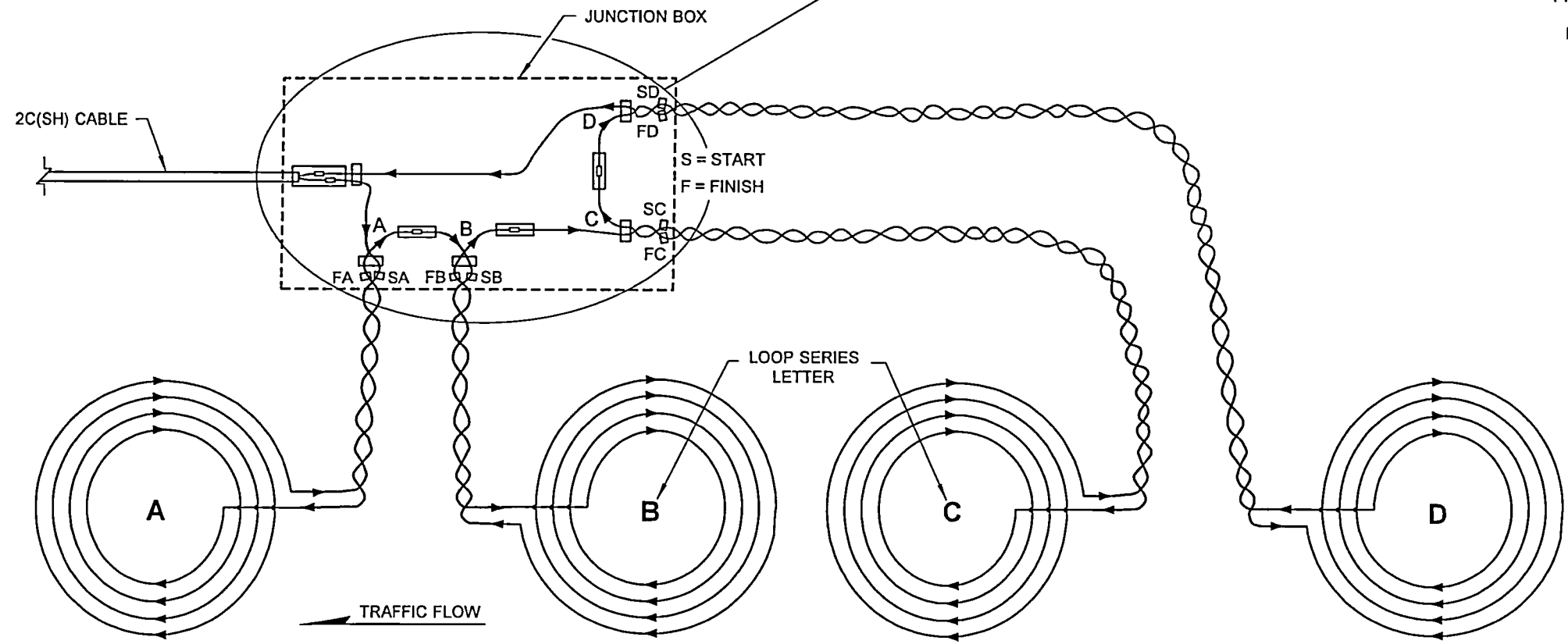
**PLAN
TYPE 3A STOP LINE LOOPS**



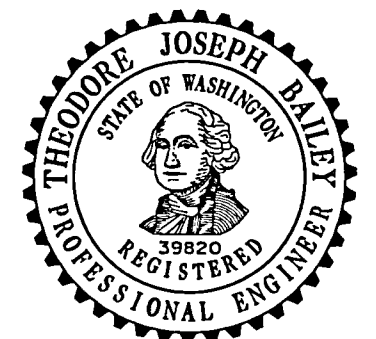
LOOP LABELING LAYOUT DETAIL



LOOP NUMBER MARKING DETAIL



**TYPE 3A STOP LINE LOOP WIRING DIAGRAM
SERIES SPLICE SHOWN**



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Jul 18 2017 9:57 AM

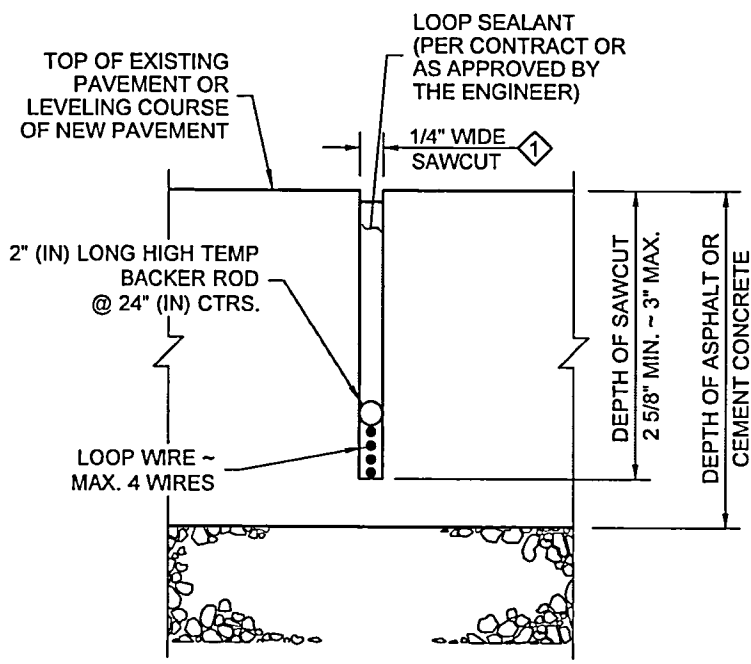
TYPE 3 INDUCTION LOOP

STANDARD PLAN J-50.12-01

SHEET 3 OF 3 SHEETS

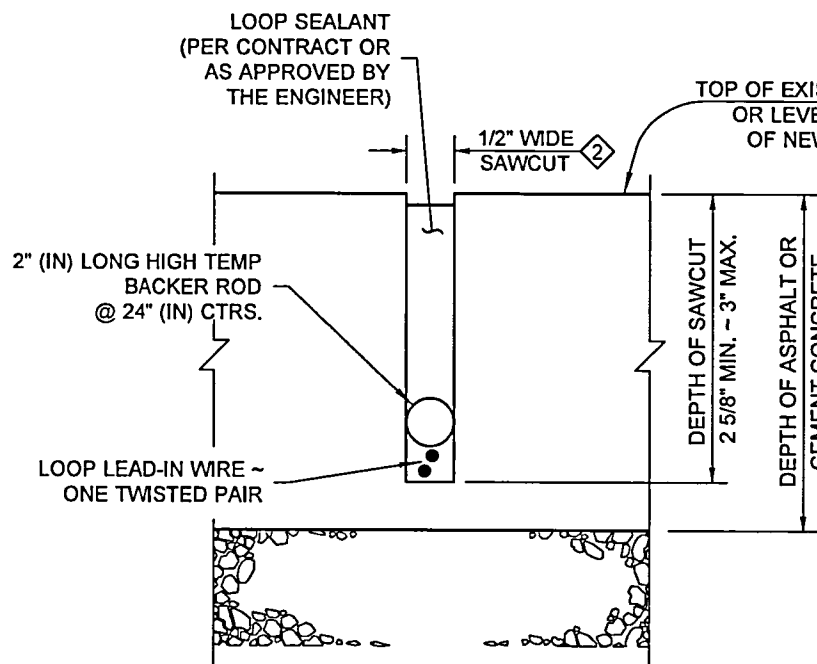
APPROVED FOR PUBLICATION
Carpenter, Jeff
Jul 21 2017 8:14 AM

STATE DESIGN ENGINEER
Washington State Department of Transportation



SECTION A

SECTIONS A AND B FROM STANDARD PLAN J-50.10, J-5-11, OR J-50.12



SECTION B



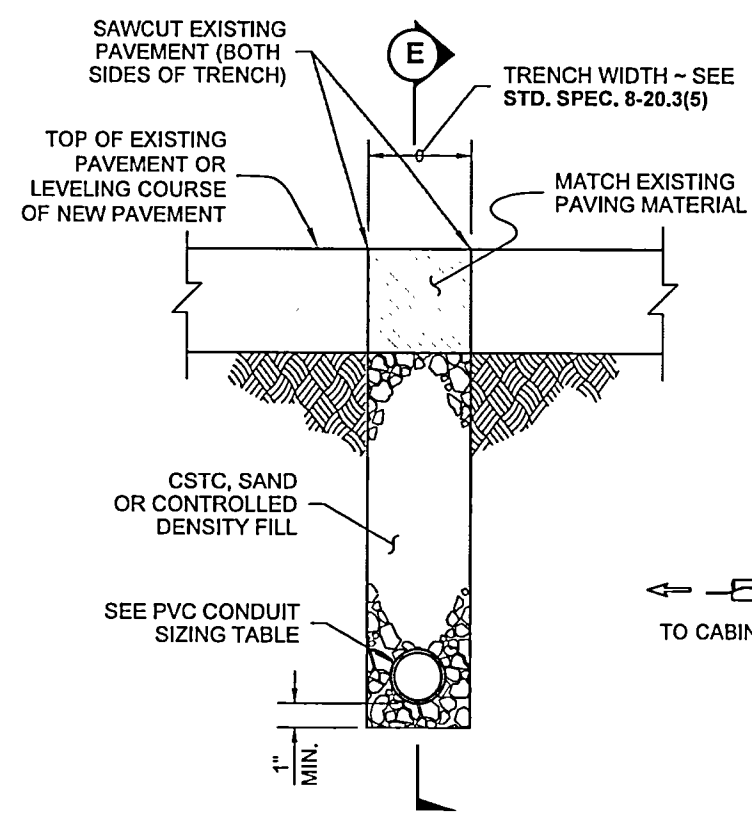
SECTION C

NOTES

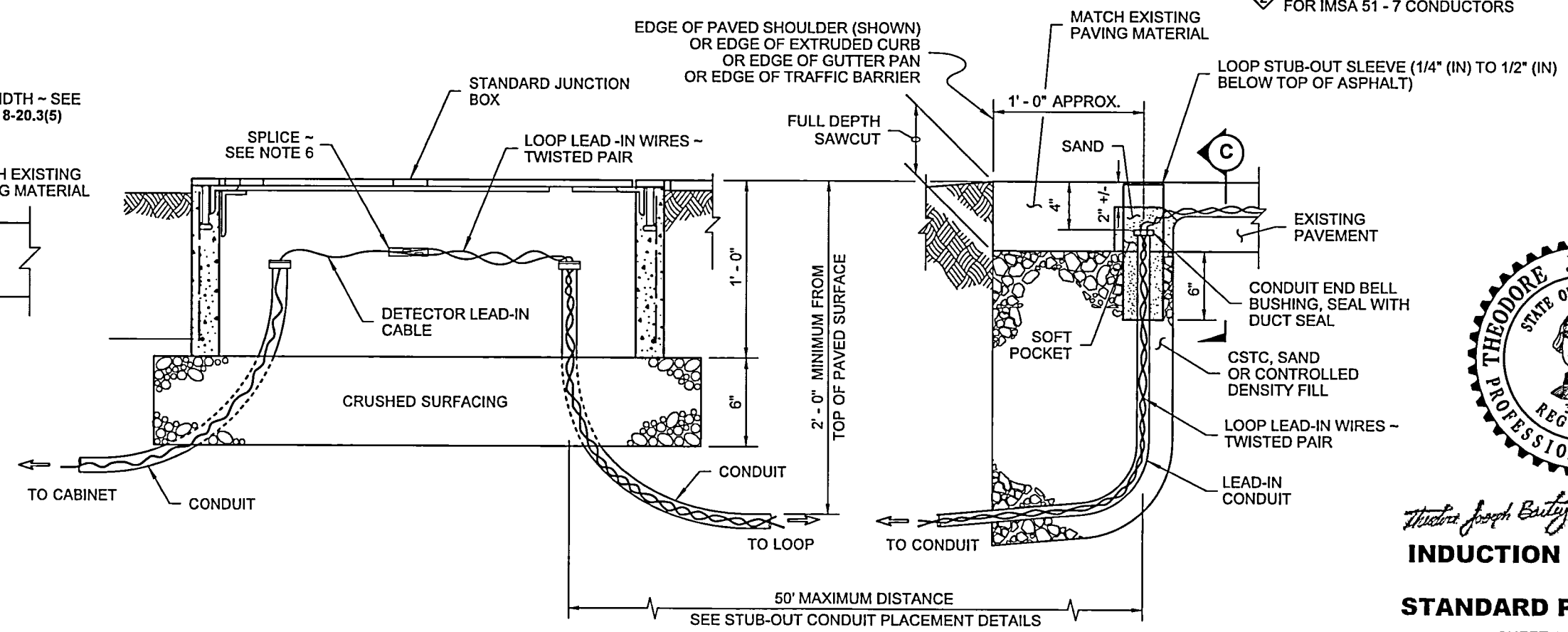
1. Fill the conduit trench to the bottom of the existing or new surfacing with CSTC, sand or controlled density fill. See **Standard Specifications Section 2-09.3(1)E**.
2. Minor Regional variations are allowed in the soft pocket closure. Consult with the Engineer or see the Contract for additional requirements.
3. Conductors shall be snug to the bottom of the sawcut. High temperature backer rod shall be snug to the conductors and sides of cut.
4. Fill the sealant to within 1/8" (in) to 3/16" (in) from top of saw cut.
5. See **Standard Plan J-40.10** for additional Junction Box details.
6. See **Standard Plan J-50.05** for splice details.

PVC CONDUIT SIZING TABLE					
LOOP LEAD PAIRS	1 - 4	5 - 10	11 - 16	17 - 22	23 - 28
NUMBER AND SIZE OF CONDUITS	1 - 2"	2 - 2"	3 - 2"	4 - 2"	3 - 3"

- ① ADD 1/16" (IN) TO THE SAWCUT FOR IMSA 51 - 7 CONDUCTORS
- ② ADD 1/8" (IN) TO THE SAWCUT FOR IMSA 51 - 7 CONDUCTORS



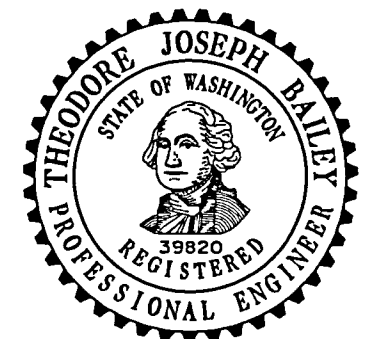
SECTION D



JUNCTION BOX PLACEMENT
SEE NOTE 5

SECTION E

LEAD-IN CONDUIT SECTION
MAX. 50 FT POCKET SECTION



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INDUCTION LOOP DETAILS

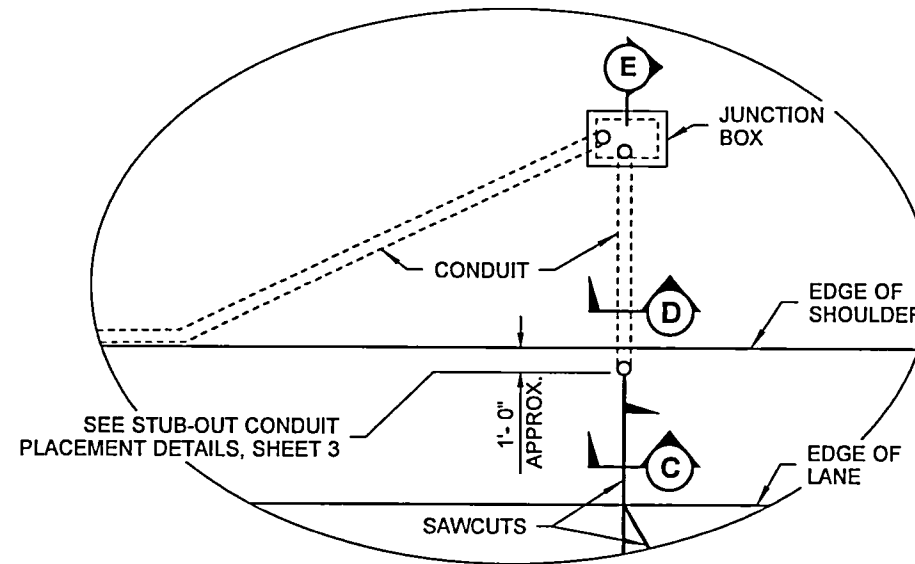
STANDARD PLAN J-50.15-01

SHEET 1 OF 3 SHEETS

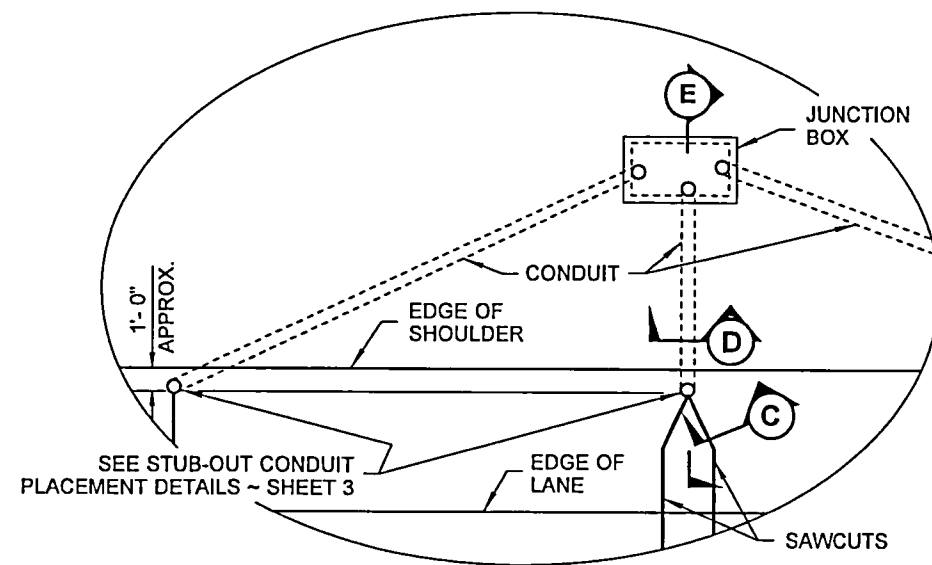
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Jul 21 2017 8 12 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

LOOP INSTALLATION NOTES

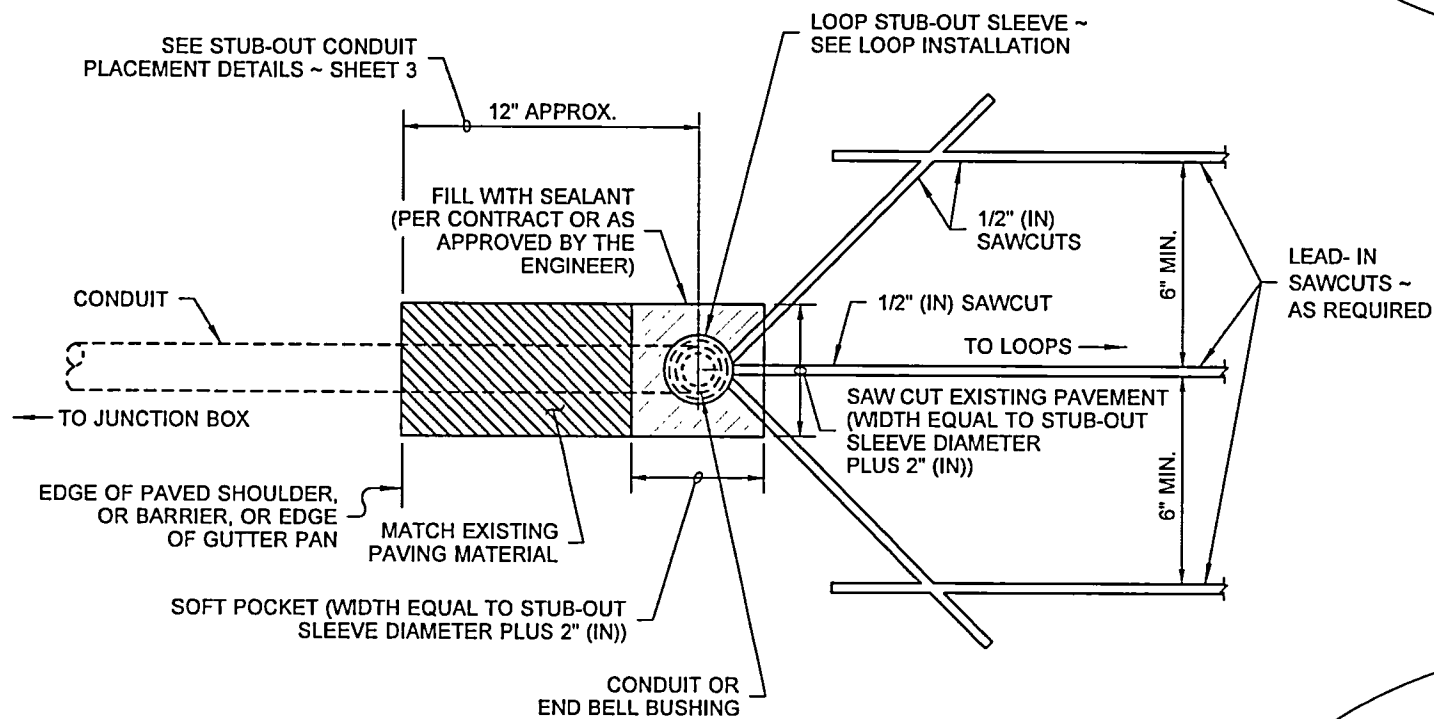
1. Install the Junction Box and the stub-out conduit with Sch. 80 PVC stub-out sleeve. Conduit for the loop stub-out shall be as required in the conduit size table shown on sheet 1 of this set.
2. Lay out loops and loop lead-ins to miss cracks/joints in road, when possible. Maintain 18" (in) minimum clearance from manholes and valve boxes.
3. The opening around the loop stub shall be patched with matching paving material if opened larger than PVC sleeve + 2" (in).
4. Sawcut the loop slots and the lead-in slots. Wash/dry cuts. File edges to remove burr of all saw-cuts into stub out sleeve.
5. Lay out the loop wire starting at the Junction Box, allowing 5' (ft) minimum slack.
6. Install the wire in the loop slot as shown.
7. Finish laying out the wire at the Junction Box and identify the leads with the loop number, the "S" for start and the "F" for the finish, the loop series number, and the loop lead-in conductor number.
8. Twist each pair of the lead-in wires a minimum of two times per foot each foot, from the loop to the Junction Box. Reverse the direction of the twist for each successive pair installed. Seal loops/sawcuts.
9. Construct a supplemental splice containing any series loop connections in the adjacent junction box as required in the plans. Supplemental splices are subject to the same requirements shown for the loop lead-in and the shielded cable splice.
10. Splice the loop lead-ins to the shielded cable as noted in the Contract. See **Standard Plan J-50.05** for Loop Splice details.
11. All loop circuits shall be tested per **Standard Specification Section 8-20.3(14)D** once installation is complete.
12. Existing stub-out shall be upgraded as necessary to conform to the conduit size table shown on sheet 1.
13. All loop lead-in sawcuts parallel to lane edge shall be at least 12" (in) from edge of pavement and within six inches outside of lane or fog line when possible. Maintain 12" (in) separation between parallel cuts or joints.
14. The loop stub-out sleeve shall have an inside diameter 1" (in) larger than the outside diameter of the End Bell Bushing. Sleeve shall be notched 5/8" (in) to 3/4" (in) to accommodate loop wires. Plug conduit and fill sleeve with sand until loops are installed to keep out Hot Asphalt during paving operations.



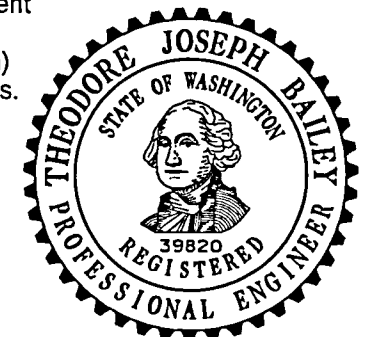
DETAIL "A"



DETAIL "B"



**PLAN
SAWCUT AND CONDUIT CONNECTION**



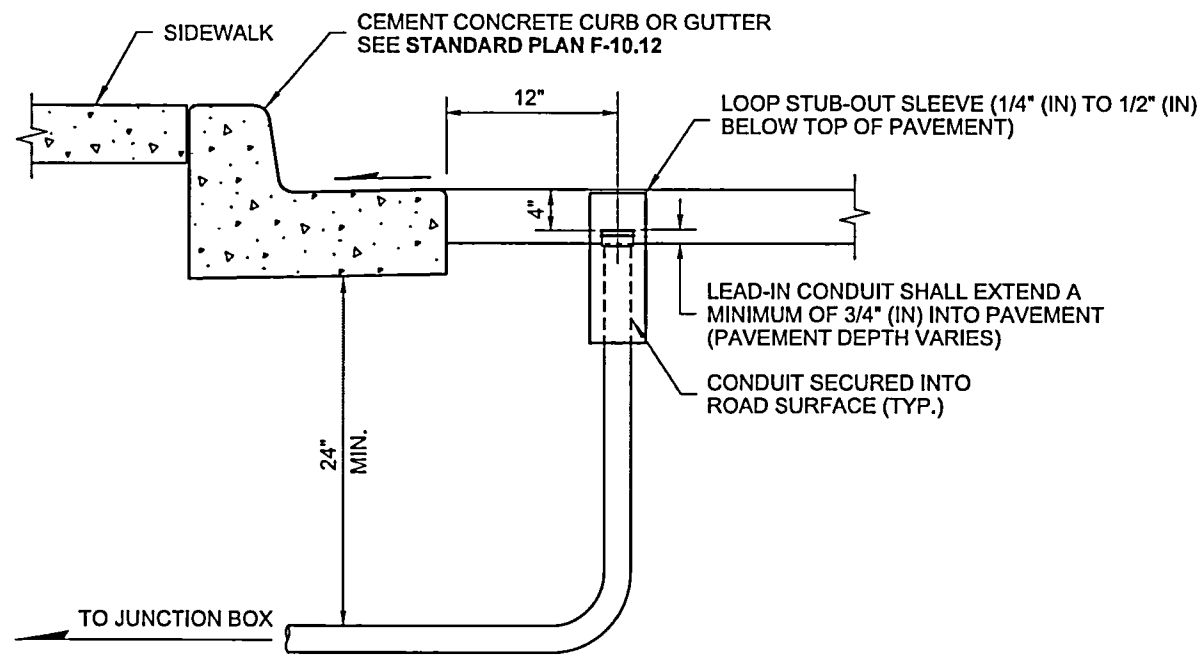
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Jul 18 2017 9:57 AM

INDUCTION LOOP DETAILS

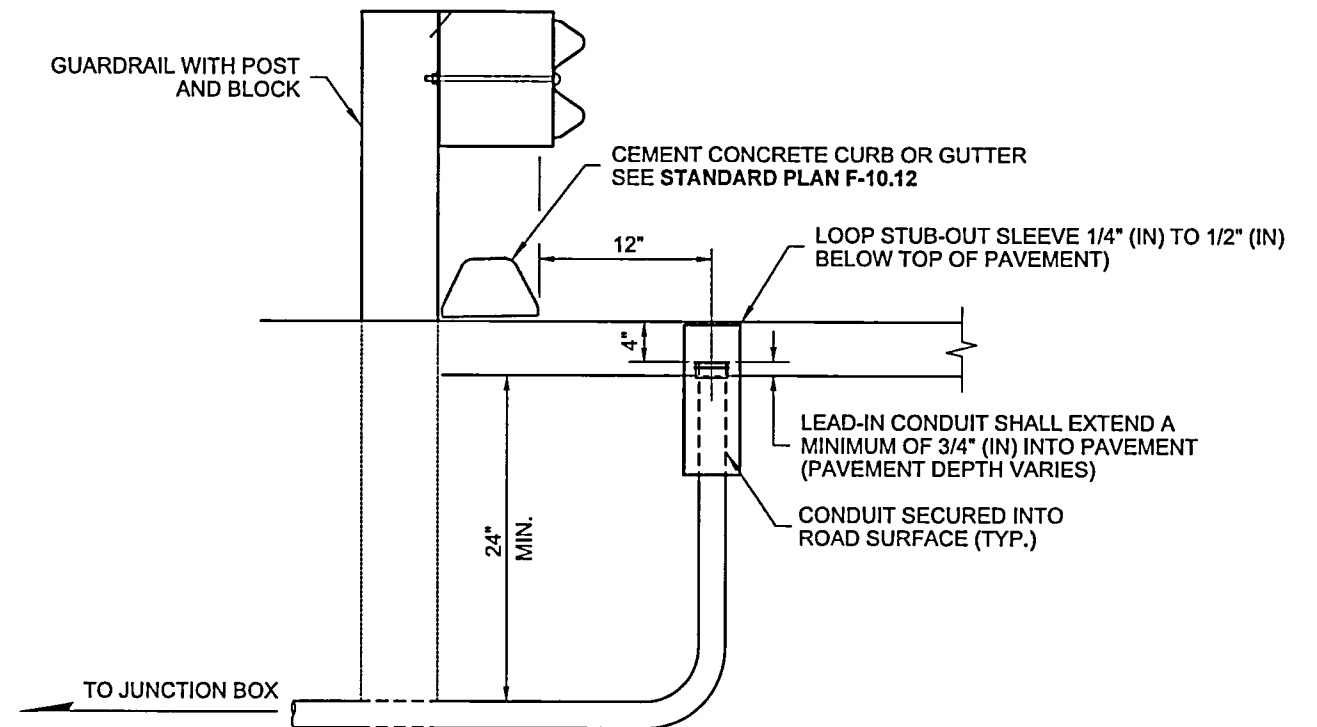
STANDARD PLAN J-50.15-01

SHEET 2 OF 3 SHEETS

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Washington State Department of Transportation	

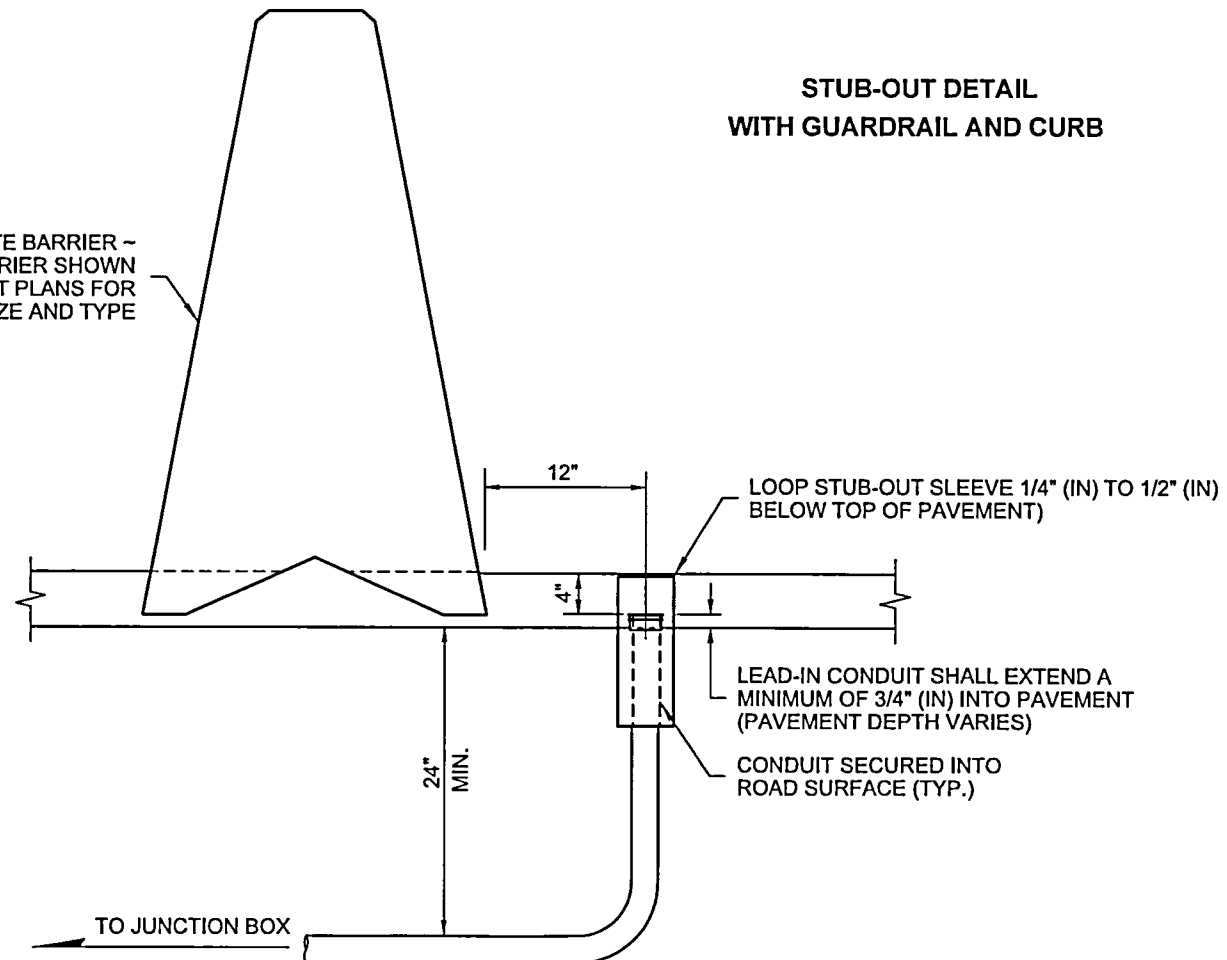


**STUB-OUT DETAIL
WITH CEMENT CONCRETE CURB OR GUTTER**

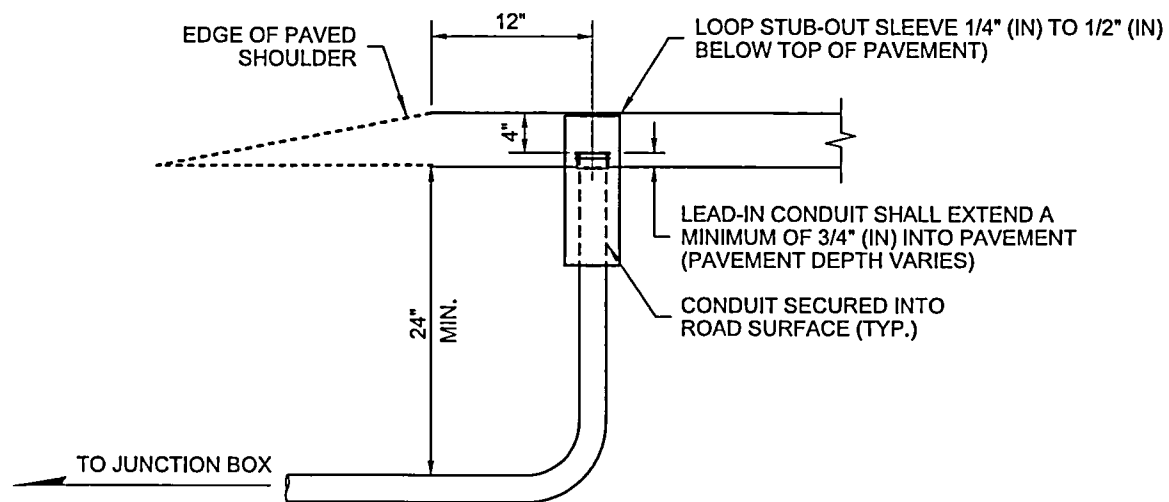


**STUB-OUT DETAIL
WITH GUARDRAIL AND CURB**

CEMENT CONCRETE BARRIER ~
SINGLE SLOPE BARRIER SHOWN
SEE CONTRACT PLANS FOR
SIZE AND TYPE

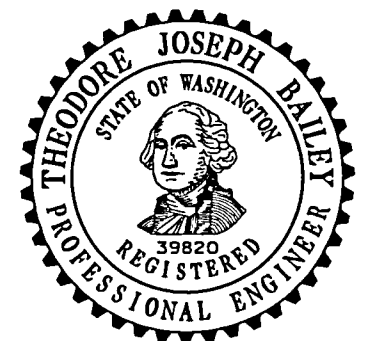


**STUB-OUT DETAIL WITH
CEMENT CONCRETE BARRIER**



**STUB-OUT DETAIL
WITH ROADWAY**

STUBOUT CONDUIT PLACEMENT DETAILS



Theodore Joseph Bailey Bailey, Ted
Jul 18 2017 9:57 AM

INDUCTION LOOP DETAILS

STANDARD PLAN J-50.15-01

SHEET 3 OF 3 SHEETS

APPROVED FOR PUBLICATION

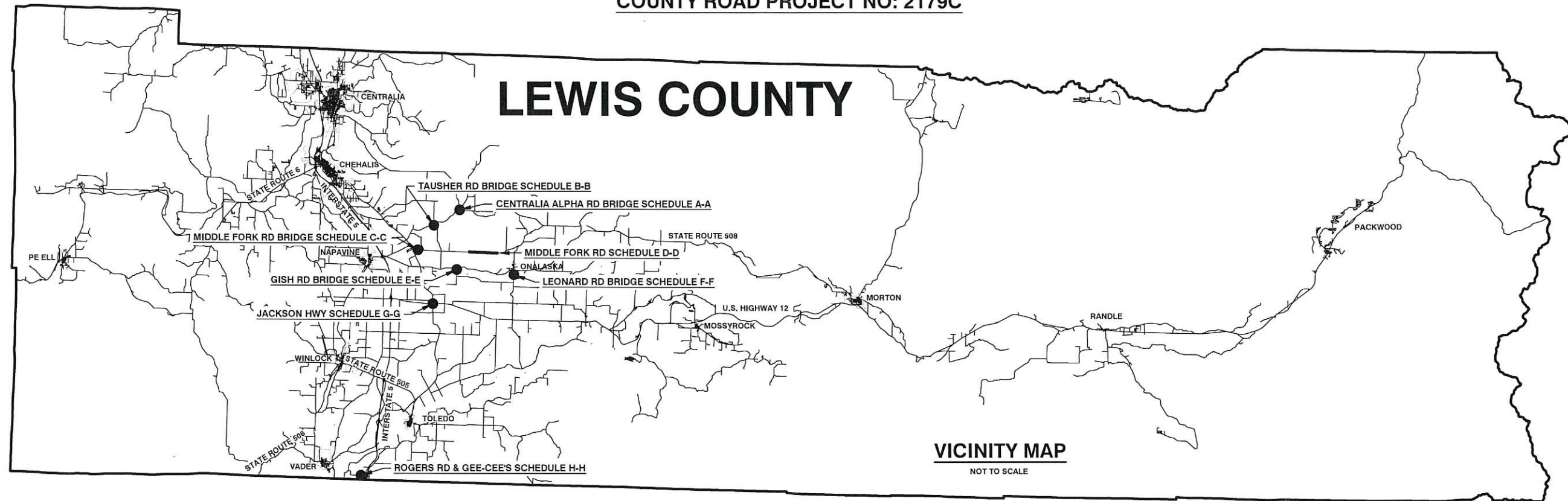
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Jul 21 2017 8 12 AM

STATE DESIGN ENGINEER

Washington State Department of Transportation

2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C



LEWIS COUNTY
DEPARTMENT OF PUBLIC WORKS
APPROVED FOR CONSTRUCTION:

[Signature]
County Engineer

5-21-18
Date

COMMISSIONERS:

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


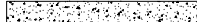






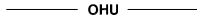
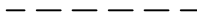
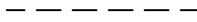
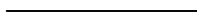

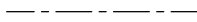


**ENGINEERING-
DESIGN SECTION**

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	VICINITY MAP AND SHEET INDEX
2	LEGEND
3	SUMMARY OF QUANTITIES
4	CENTRALIA ALPHA ROAD BRIDGE END SCHEDULE A-A
5	TAUSHER ROAD BRIDGE END SCHEDULE B-B
6	MIDDLE FORK ROAD BRIDGE ENDS SCHEDULE C-C
7	MIDDLE FORK ROAD PAVING SCHEDULE D-D TYPICAL SECTION AND DETAILS
8	GISH ROAD BRIDGE END SCHEDULE E-E
9	LEONARD ROAD BRIDGE ENDS SCHEDULE F-F
10	JACKSON HWY PAVING SCHEDULE G-G PLAN VIEW AND TYPICAL SECTION
11	ROGERS ROAD AND GEE-CEE'S PAVING SCHEDULE H-H PLAN VIEW
12	ROGERS ROAD AND GEE-CEE'S PAVING SCHEDULE H-H TYPICAL SECTION A & B
13	MIDDLE FORK PAVING SCHEDULE D-D CONSTRUCTION SIGNS CLASS A
14	JACKSON HWY PAVING SCHEDULE G-G CONSTRUCTION SIGNS CLASS A
15	JACKSON HWY PAVING SCHEDULE G-G SUPPLEMENT TRAFFIC CONTROL PLAN

LEGEND


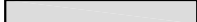



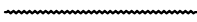
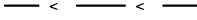
EXISTING FEATURES

-  CONCRETE BARRIER
-  CONCRETE PANEL
-  EXISTING HMA
-  SIGN
-  CULVERT
-  POWER POLE
-  SIGNAL INDUCTION LOOP
-  SIGNAL INDUCTION LOOP JUNCTION BOX
-  OHU OVERHEAD UTILITIES
-  ROAD EDGE
-  DRIVEWAY (GRAVEL)
-  SHOULDER
-  DITCH / STREAM
-  AS BUILT CENTERLINE

SURVEY FEATURES

-  SURVEY CONTROL
-  RIGHT OF WAY

NEW CONSTRUCTION FEATURES

-  CALLOUT
-  HMA
-  CRUSHED SURFACING BASE COURSE
-  SHOULDER FINISHING
-  PAVING REINFORCEMENT GRID
-  MILLING LIMITS
-  DRAINAGE FLOW LINE

NO.	DATE	REVISION	BY	APP.

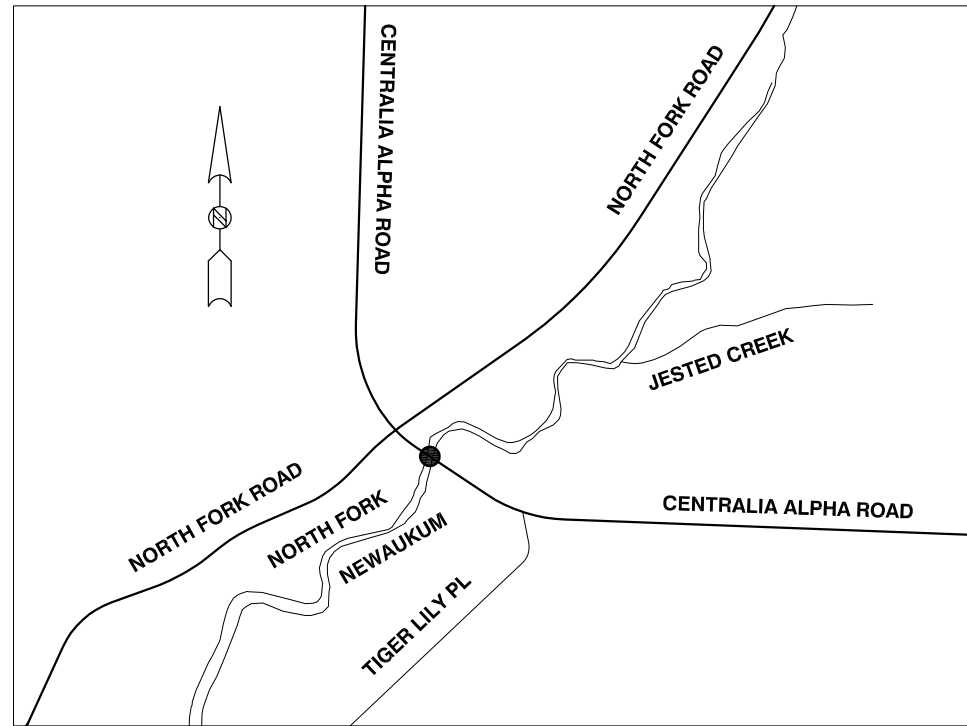


SUMMARY OF QUANTITIES

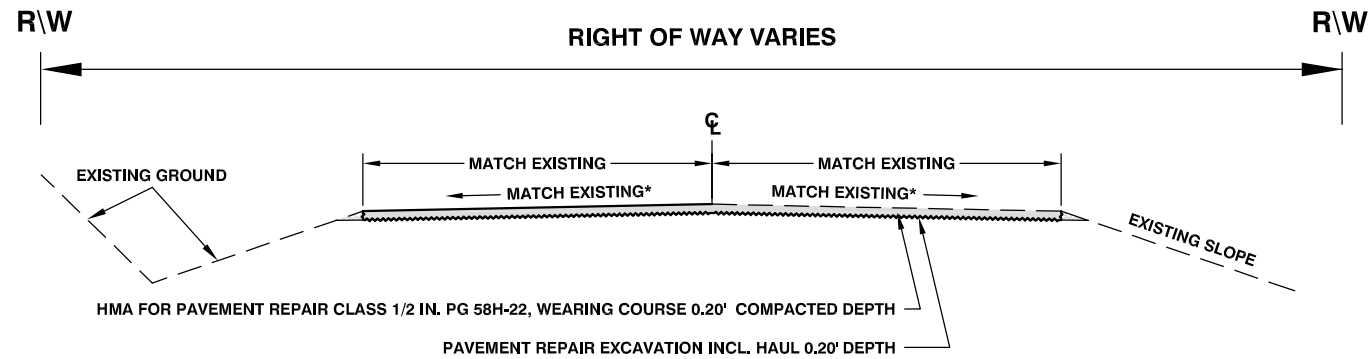
SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL, HAUL	2826.00	S.Y.
SURFACING				
3	5100	CRUSHED SURFACING BASE COURSE	11.00	TON
4	S.P.	SHOULDER FINISHING	1.42	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	3381.00	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	377.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	1560.00	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	267.00	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	826.00	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	271.00	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	814.00	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	25.00	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	85.00	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	820.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	395.00	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	4.00	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	4.00	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

NO.	DATE	REVISION	BY	APP.

SCHEDULE A-A



VICINITY MAP



ROADWAY SECTION

NOT TO SCALE

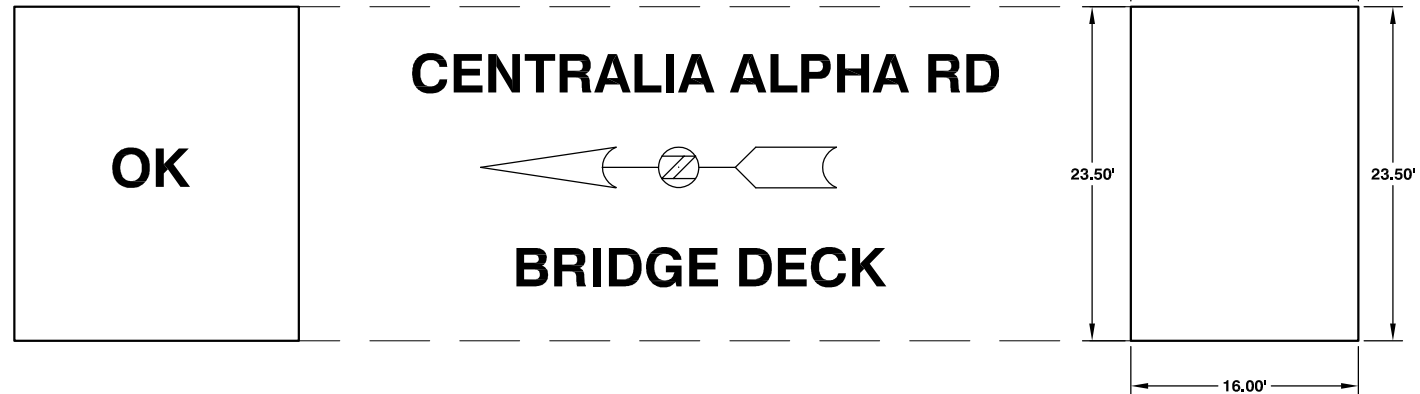
NOTE:
THIS SITE REQUIRES GRINDING OUT PAVEMENT ADJOINING BRIDGE ABUTMENTS TO A DEPTH OF 0.20'

NORTH END OF BRIDGE TO BE GROUND OUT AND REPAVED AS MARKED IN THE FIELD BY THE ENGINEER.

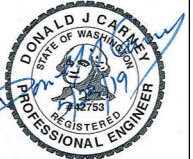
CENTRALIA ALPHA ROAD BRIDGE END

BRIDGE NO. 44 SOUTH END
M.P. 10.030

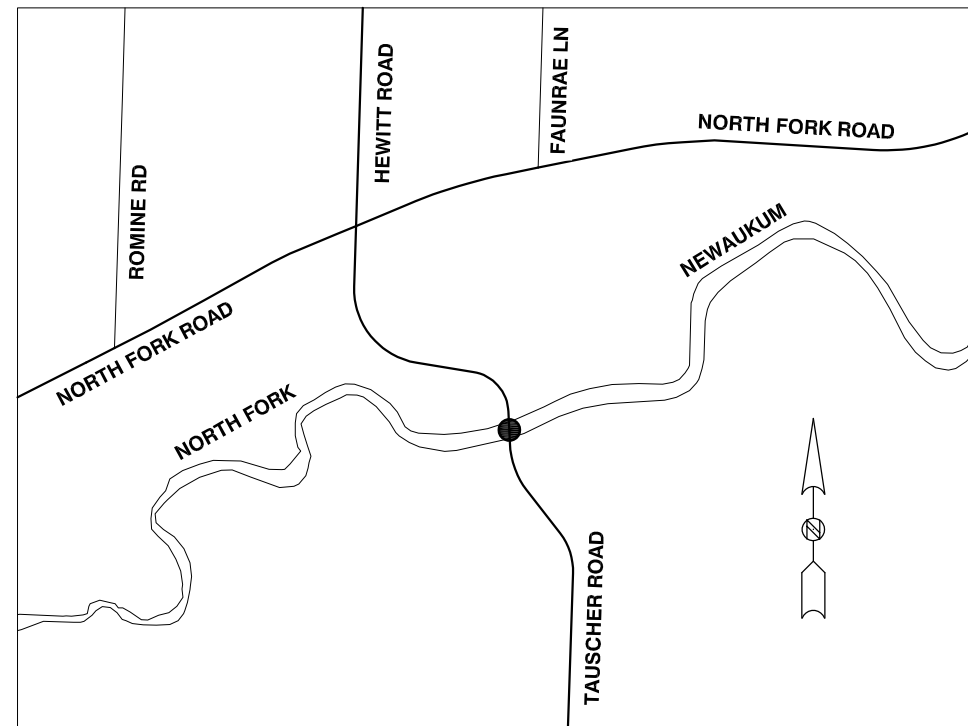
SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	42.00	S.Y.
HOT MIX ASPHALT				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
5	5711	PLANING BITUMINOUS PAVEMENT	-----	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	6.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	8.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



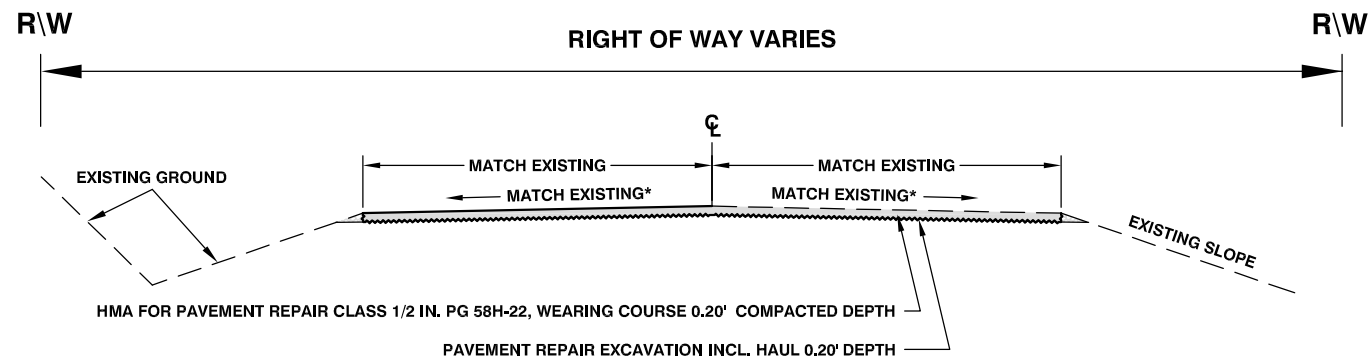
NO.	DATE	REVISION	BY	APP.



SCHEDULE B-B



VICINITY MAP



NOTE:
ROADWAY CROSS SLOPE SHALL FOLLOW THE EXISTING SUPER ELEVATION RATE IN CURVE SECTION

ROADWAY SECTION

NOT TO SCALE

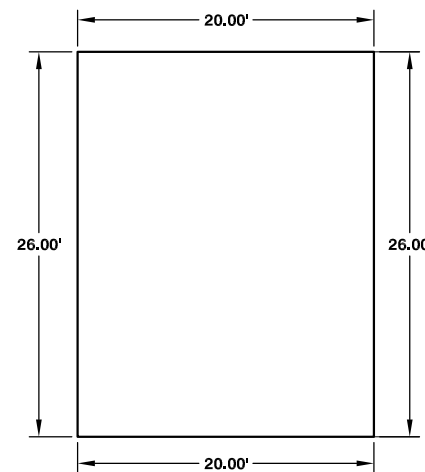
NOTE:
THIS SITE REQUIRES GRINDING OUT PAVEMENT ADJOINING BRIDGE ABUTMENTS TO A DEPTH OF 0.20'

NORTH END OF BRIDGE TO BE GROUND OUT AND REPAVED AS MARKED IN THE FIELD BY THE ENGINEER.

TAUSHER ROAD BRIDGE END

BRIDGE NO. 101 NORTH END
M.P. 2.650

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	58.00	S.Y.
SURFACING				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	-----	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	8.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	8.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



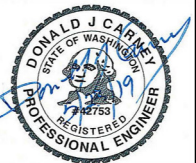
TAUSHER RD



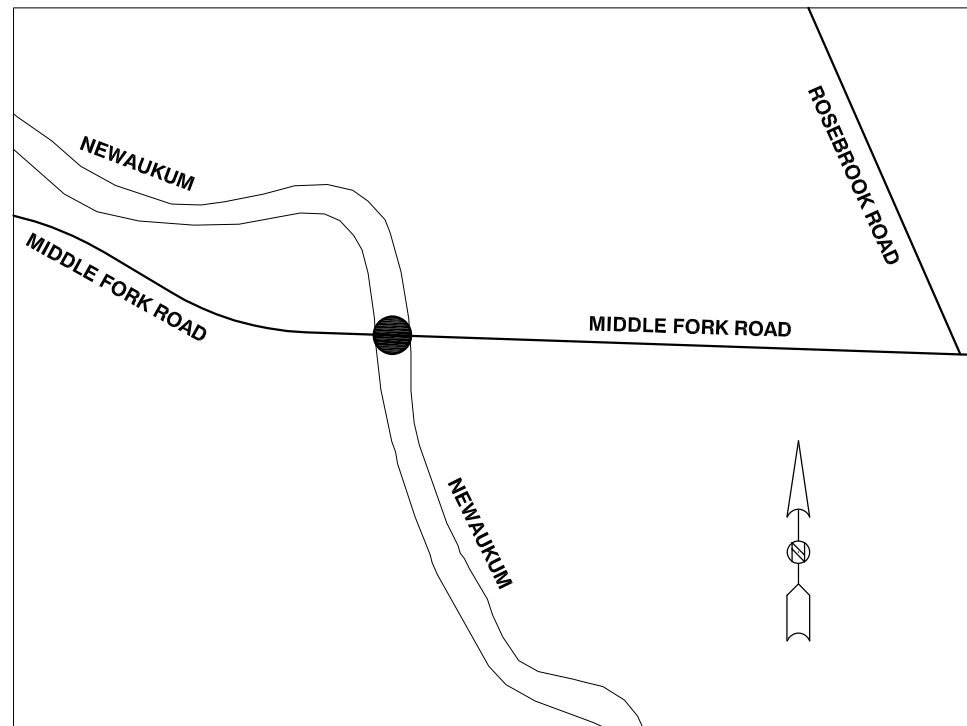
BRIDGE DECK

OK

NO.	DATE	REVISION	BY	APP.



SCHEDULE C-C

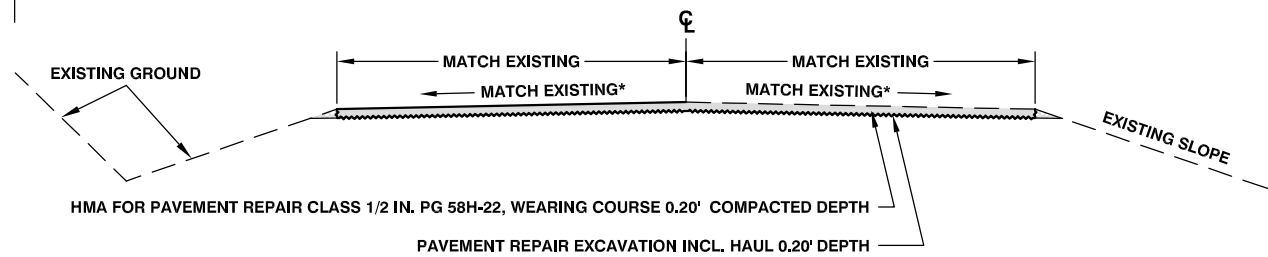


MIDDLE FORK ROAD BRIDGE ENDS

BRIDGE NO. 58 WEST AND EAST ENDS
M.P. 0.410

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	70.00	S.Y.
HOT MIX ASPHALT				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
5	5711	PLANING BITUMINOUS PAVEMENT	-----	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	10.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	8.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

R\W RIGHT OF WAY VARIES R\W



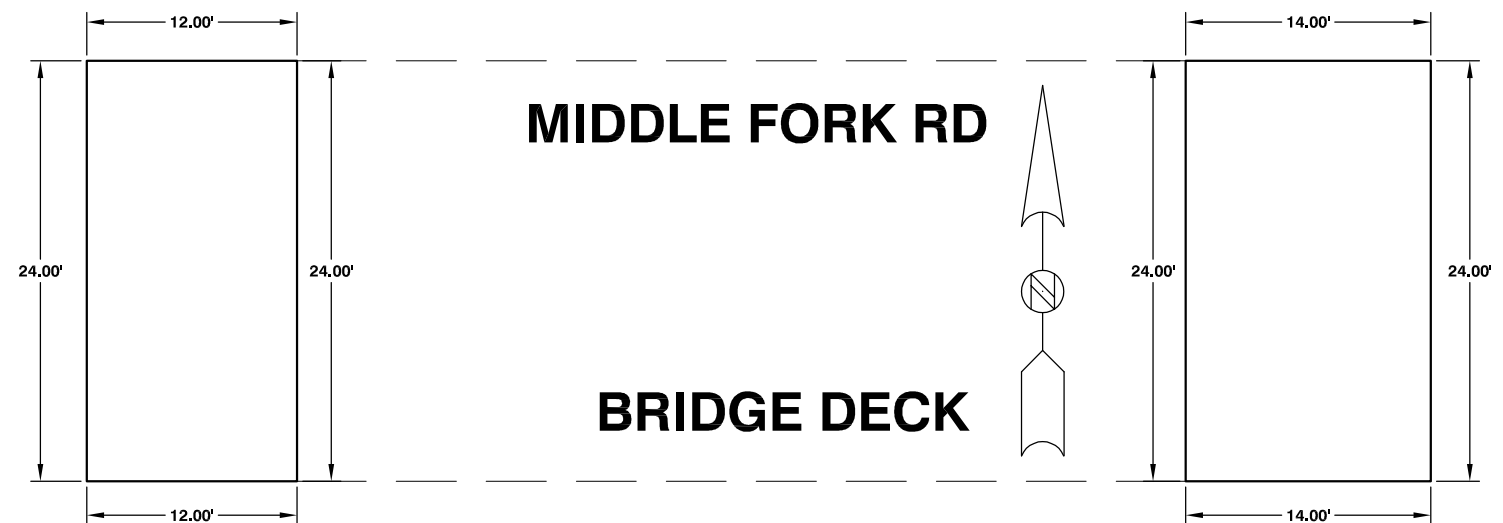
NOTE*:
ROADWAY CROSS SLOPE SHALL FOLLOW THE EXISTING SUPER ELEVATION RATE IN CURVE SECTION

ROADWAY SECTION

NOT TO SCALE

NOTE:
THIS SITE REQUIRES GRINDING OUT PAVEMENT ADJOINING BRIDGE ABUTMENTS TO A DEPTH OF 0.20'

WEST AND EAST ENDS OF BRIDGE TO BE GROUND OUT AND REPAVED AS MARKED IN THE FIELD BY THE ENGINEER.



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

DESIGNED BY :	NO.	DATE	REVISION	BY	APP.
CGA					
DRAWN BY :					
CGA					
CHECKED BY :					
DATE :					

2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C
MIDDLE FORK ROAD BRIDGE ENDS
SCHEDULE C-C

SHEET
6
OF
15



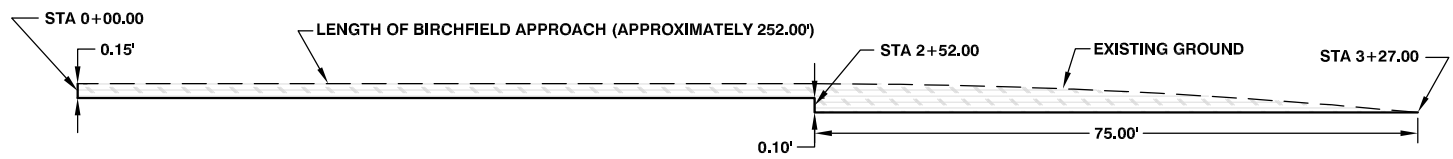
Donald J. Carney, P.E.
Senior Engineer/Design
Date: 5/18/18



SCHEDULE D-D

MIDDLE FORK ROAD PAVING

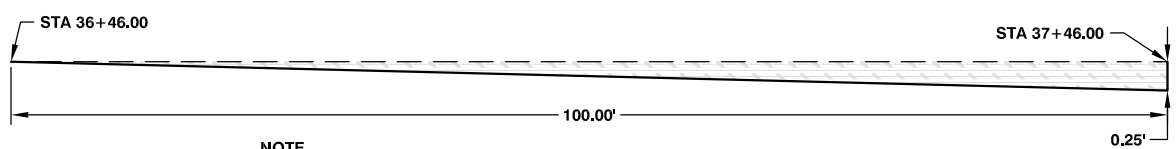
MIDDLE FORK ROAD
M.P. 3.740 TO M.P. 4.448
STA 0+00.00 TO STA 37+46.00



NOTE
ALL PLANING BITUMINOUS PAVEMENT WILL BE MARKED IN THE FIELD BY THE ENGINEER
PLANING BITUMINOUS PAVEMENT WILL INCLUDE ADJUSTING EXISTING TRANSVERSE SLOPE FROM STA 0+00.00 TO STA 2+52.00 AS DIRECTED BY THE ENGINEER

MIDDLE FORK PLANING BITUMINOUS PAVEMENT BOP DETAIL

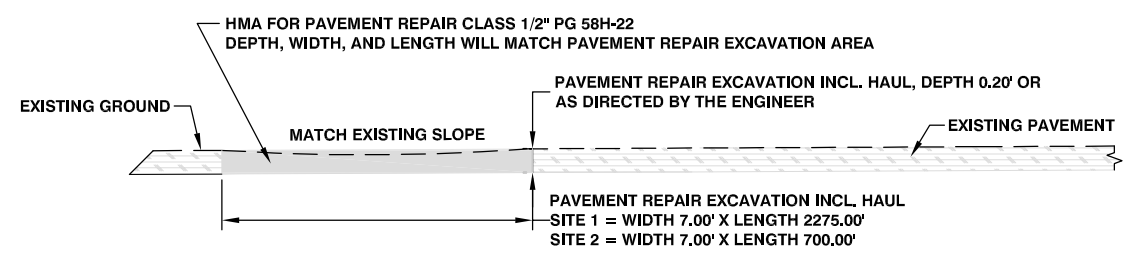
STATION 0+00.00 TO STATION 3+27.00
NOT TO SCALE



NOTE
ALL PLANING BITUMINOUS PAVEMENT WILL BE MARKED IN THE FIELD BY THE ENGINEER

MIDDLE FORK PLANING BITUMINOUS PAVEMENT EOP DETAIL

STATION 36+46.00 TO STATION 37+46.00
NOT TO SCALE

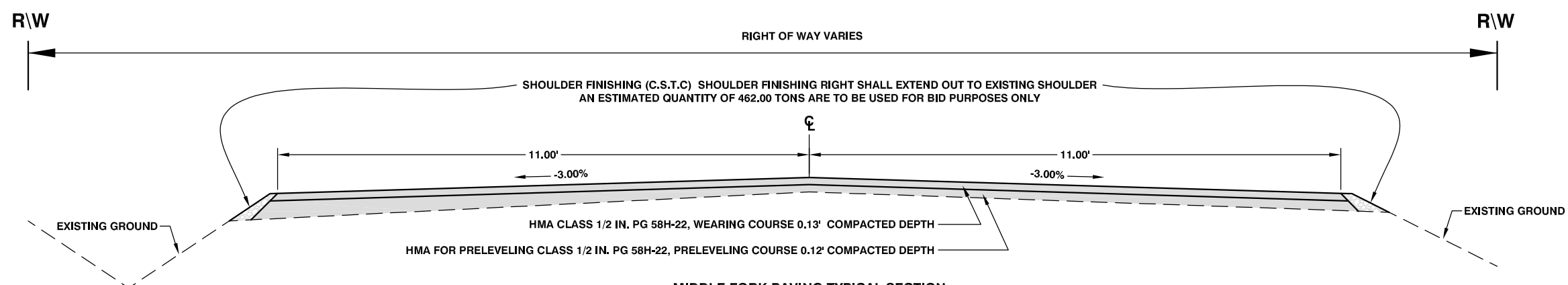


NOTE
ALL PAVEMENT REPAIR EXCAVATION WILL BE MARKED IN THE FIELD BY THE ENGINEER

MIDDLE FORK PAVEMENT REPAIR EXCAVATION TYPICAL SECTION

NOT TO SCALE

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	2314.00	S.Y.
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	1.42	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	1044.00	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	317.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	826.00	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	814.00	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	85.00	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	210.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	137.00	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	4.00	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



MIDDLE FORK PAVING TYPICAL SECTION

STATION 0+00.00 TO STATION 37+46.00
NOT TO SCALE

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

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

NO.	DATE	REVISION	BY	APP.

2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C
MIDDLE FORK ROAD PAVING SCHEDULE D-D
TYPICAL SECTION AND DETAILS

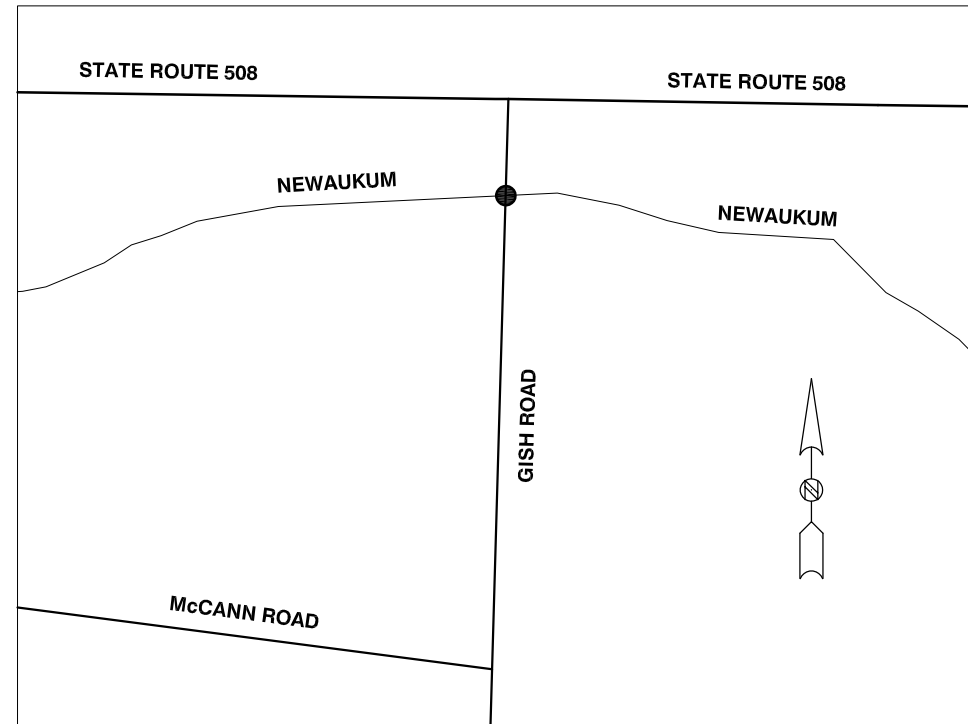
SHEET
7 OF 15

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555
"It's the Law"
Utilities Underground Location Center

Donald J. Carney, P.E.
Senior Engineer/Design
Date: 3/12/18



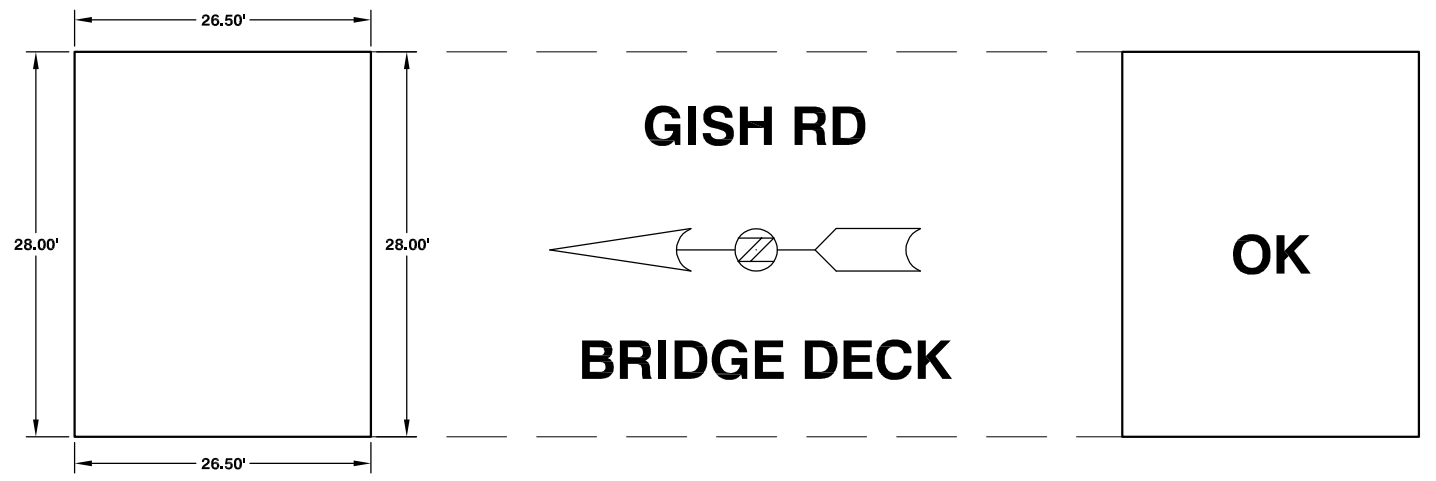
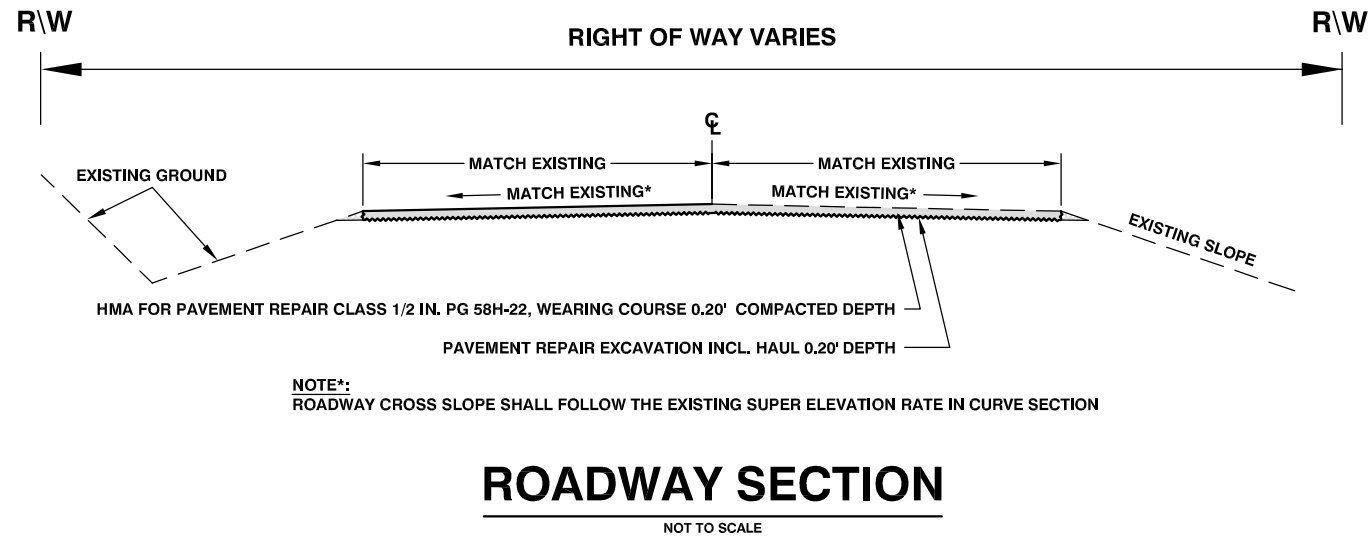
SCHEDULE E-E



GISH ROAD ROAD BRIDGE END

BRIDGE NO. 97 NORTH END
M.P. 0.030

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	83.00	S.Y.
SURFACING				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	-----	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	12.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	8.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

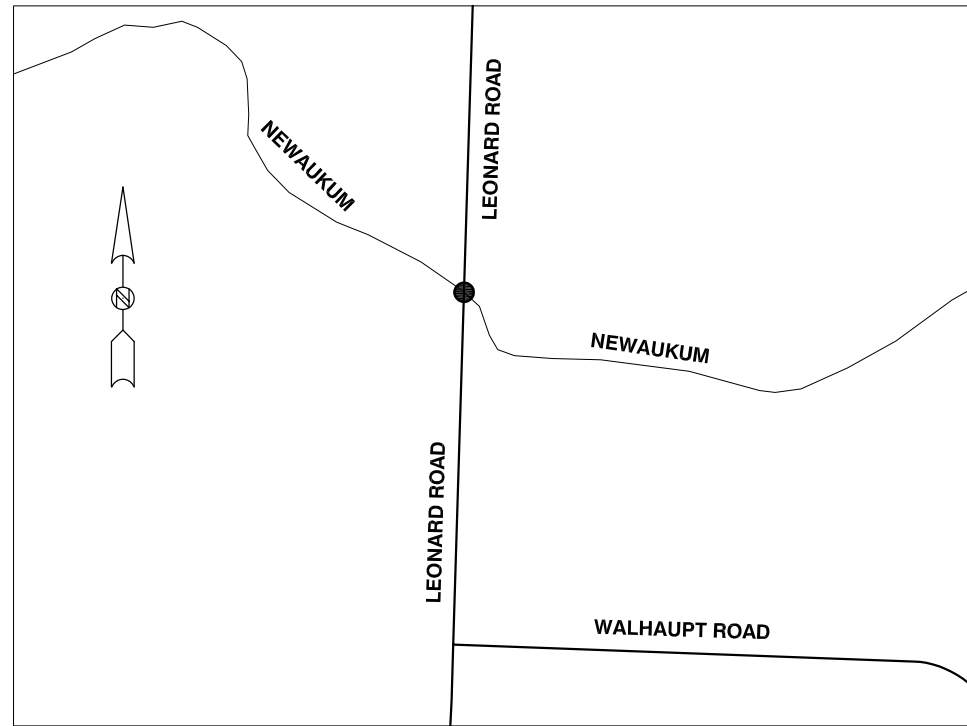


NOTE:
 THIS SITE REQUIRES GRINDING OUT PAVEMENT ADJOINING BRIDGE ABUTMENTS TO A DEPTH OF 0.20'
 NORTH END OF BRIDGE TO BE GROUND OUT AND REPAVED AS MARKED IN THE FIELD BY THE ENGINEER.

DESIGNED BY :	NO.	DATE	REVISION	BY	APP.
CGA					
DRAWN BY :					
CGA					
CHECKED BY :					
DATE :					



SCHEDULE F-F

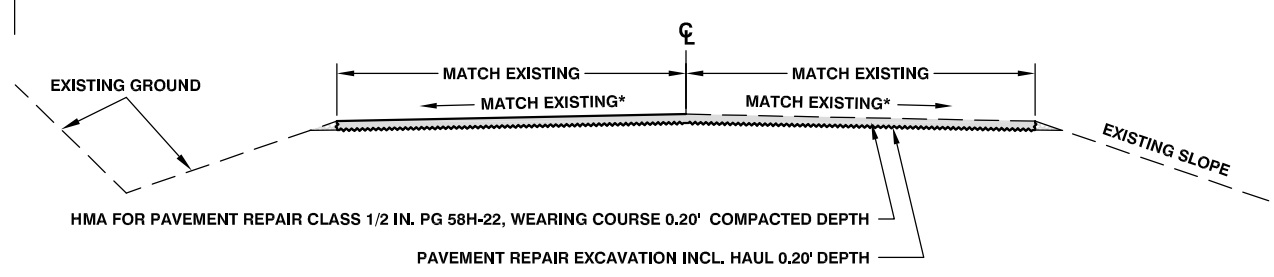


LEONARD ROAD BRIDGE ENDS

BRIDGE NO. 70 NORTH AND SOUTH ENDS
M.P. 0.320

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	171.00	S.Y.
SURFACING				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	-----	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	24.00	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	-----	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	8.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM

R\W RIGHT OF WAY VARIES R\W



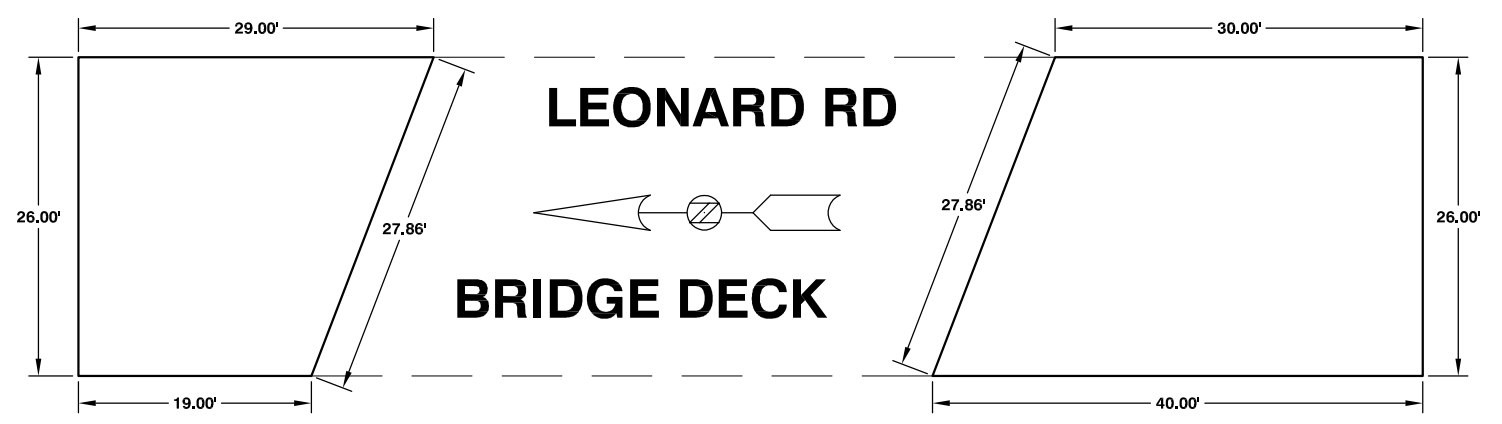
NOTE*:
ROADWAY CROSS SLOPE SHALL FOLLOW THE EXISTING SUPER ELEVATION RATE IN CURVE SECTION

ROADWAY SECTION

NOT TO SCALE

NOTE:
THIS SITE REQUIRES GRINDING OUT PAVEMENT ADJOINING BRIDGE ABUTMENTS TO A DEPTH OF 0.20'

NORTH AND SOUTH ENDS OF BRIDGE TO BE GROUND OUT AND REPAVED AS MARKED IN THE FIELD BY THE ENGINEER.



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

DESIGNED BY :	NO.	DATE	REVISION	BY	APP.
CGA					
DRAWN BY :					
CGA					
CHECKED BY :					
DATE :					

2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C
LEONARD ROAD BRIDGE ENDS SCHEDULE F-F

SHEET
9
OF
15

CALL 48 HOURS BEFORE YOU DIG
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Utilities Underground Location Center

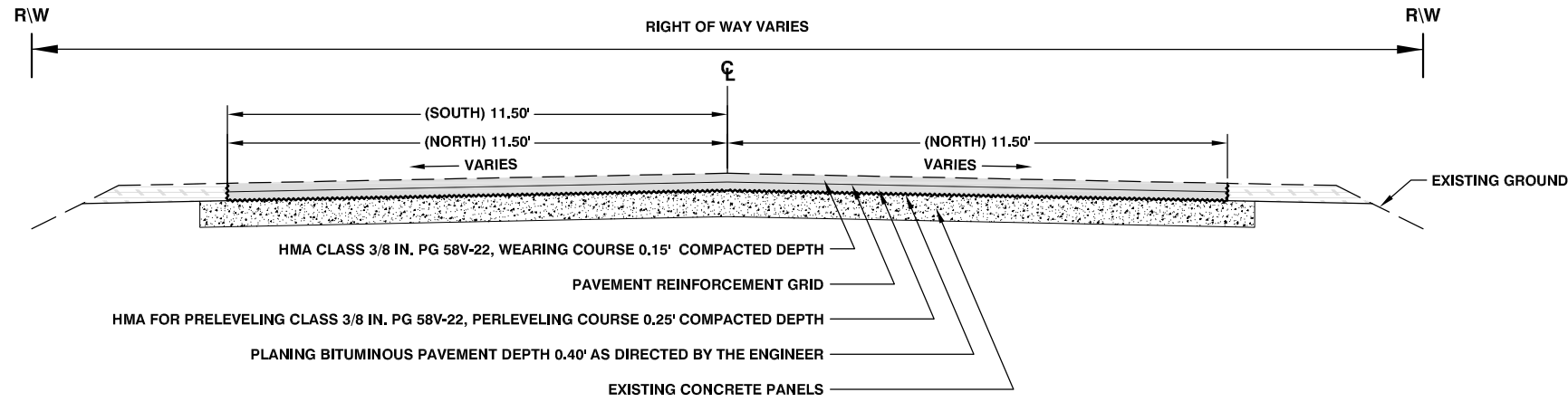
Donald J. Carney, P.E.
Senior Engineer/Design
Date: 3/19/18



SCHEDULE G-G

JACKSON HIGHWAY PAVING

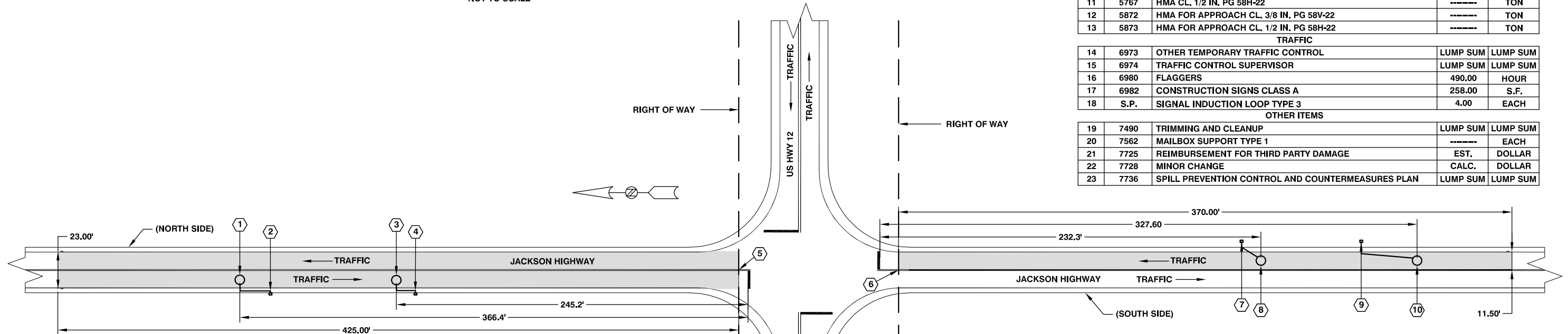
JACKSON HWY NORTH & SOUTH
 NORTH STA 0+00.00 TO STA 4+25.00
 SOUTH STA 0+00.00 TO STA 3+70.00



JACKSON HWY PAVING SCHEDULE G-G TYPICAL SECTION

NORTH STATION 0+00.00 TO STATION 4+25.00
 SOUTH STATION 0+00.00 TO STATION 3+70.00
 NOT TO SCALE

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL SURFACING	-----	S.Y.
HOT MIX ASPHALT				
3	5100	CRUSHED SURFACING BASE COURSE	-----	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	1560.00	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	-----	TON
7	S.P.	PAVING REINFORCEMENT GRID	1560.00	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	267.00	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	161.00	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	-----	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	490.00	HOURLY
17	6982	CONSTRUCTION SIGNS CLASS A	258.00	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	4.00	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



- 1 INDUCTION LOOP NO. 814
REMOVE INDUCTION LOOP WITH BITUMINOUS PAVEMENT
REPLACE INDUCTION LOOP IN PRELEVELING HMA COURSE
366.4 FT. FROM STOP LINE TO CENTER OF LOOP
TO BE STAKED IN THE FIELD BY THE ENGINEER
SEE WSDOT STANDARD PLAN J-50.12-01
SEE EWSDOT STANDARD PLAN J-50.15-01
- 2 INDUCTION LOOP NO. 814 JUNCTION BOX
REUSE EXISTING JUNCTION BOX AND CONDUIT
LAY OUT LOOP WIRE STARTING AT THE JUNCTION BOX ALLOWING 5 FT. MINIMUM SLACK
- 3 INDUCTION LOOP NO. 813
REMOVE INDUCTION LOOP WITH BITUMINOUS PAVEMENT
REPLACE INDUCTION LOOP IN PRELEVELING HMA COURSE
245.2 FT. FROM STOP LINE TO CENTER OF LOOP
TO BE STAKED IN THE FIELD BY THE ENGINEER
SEE WSDOT STANDARD PLAN J-50.12-01
SEE EWSDOT STANDARD PLAN J-50.15-01

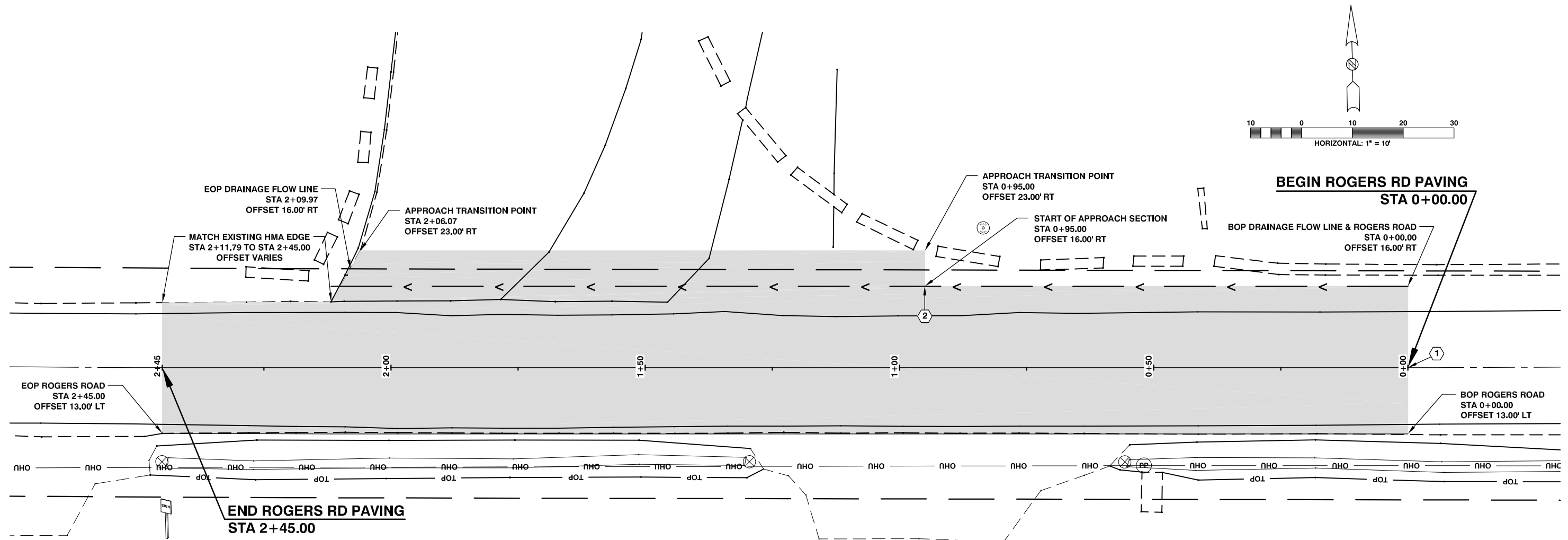
- 4 INDUCTION LOOP NO. 813 JUNCTION BOX
REUSE EXISTING JUNCTION BOX AND CONDUIT
LAY OUT LOOP WIRE STARTING AT THE JUNCTION BOX ALLOWING 5 FT. MINIMUM SLACK
- 5 STA 0+00.00 NORTH TO STA 4+25.00 NORTH
BEGIN JACKSON HIGHWAY PLANING BITUMINOUS PAVEMENT AND PAVING TO BE STAKED IN FIELD BY THE ENGINEER
SEE JACKSON HWY PAVING SCHEDULE G-G TYPICAL SECTION ON THIS SHEET
1087.00 S.Y. PLANING BITUMINOUS PAVEMENT
1087.00 S.Y. PAVING REINFORCEMENT GRID
186.00 TON HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22
112.00 TON HMA CL. 3/8 IN. PG 58V-22

- 6 CONSTRUCTION NOTES JACKSON HWY PAVING SCHEDULE G-G
STA 0+00.00 SOUTH TO STA 3+70.00 SOUTH
BEGIN JACKSON HIGHWAY PLANING BITUMINOUS PAVEMENT AND PAVING TO BE STAKED IN FIELD BY THE ENGINEER
SEE JACKSON HWY PAVING SCHEDULE G-G TYPICAL SECTION ON THIS SHEET
473.00 S.Y. PLANING BITUMINOUS PAVEMENT
473.00 S.Y. PAVING REINFORCEMENT GRID
81.00 TON HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22
49.00 TON HMA CL. 3/8 IN. PG 58V-22
- 7 INDUCTION LOOP NO. 413 JUNCTION BOX
REUSE EXISTING JUNCTION BOX AND CONDUIT
LAY OUT LOOP WIRE STARTING AT THE JUNCTION BOX ALLOWING 5 FT. MINIMUM SLACK
- 8 INDUCTION LOOP NO. 413
REMOVE INDUCTION LOOP WITH BITUMINOUS PAVEMENT
REPLACE INDUCTION LOOP IN PRELEVELING HMA COURSE
232.3 FT. FROM STOP LINE TO CENTER OF LOOP
TO BE STAKED IN THE FIELD BY THE ENGINEER
SEE WSDOT STANDARD PLAN J-50.12-01
SEE EWSDOT STANDARD PLAN J-50.15-01

- 9 INDUCTION LOOP NO. 414 JUNCTION BOX
REUSE EXISTING JUNCTION BOX AND CONDUIT
LAY OUT LOOP WIRE STARTING AT THE JUNCTION BOX ALLOWING 5 FT. MINIMUM SLACK
- 10 INDUCTION LOOP NO. 414
REMOVE INDUCTION LOOP WITH BITUMINOUS PAVEMENT
REPLACE INDUCTION LOOP IN PRELEVELING HMA COURSE
327.6 FT. FROM STOP LINE TO CENTER OF LOOP
TO BE STAKED IN THE FIELD BY THE ENGINEER
SEE WSDOT STANDARD PLAN J-50.12-01
SEE EWSDOT STANDARD PLAN J-50.15-01

SCHEDULE H-H

ROGERS ROAD GEE CEE'S APPROACH



- CONSTRUCTION NOTES ROGERS RD PAVING SCHEDULE H-H**
- ① STA 0+00.00 TO STA 2+45.00
 BEGIN ROGERS ROAD PLANING BITUMINOUS PAVEMENT AND PAVING
 SEE ROGERS AND GEE-CEE'S PAVING SCHEDULE H-H TYPICAL SECTION (A) ON SHEET 12 OF 15
 777.00 S.Y. PLANING BITUMINOUS PAVEMENT
 110.00 TON HMA CL. 3/8 IN. PG 58V-22
 - ② STA 0+95.00 RT TO STA 2+09.96 RT
 BEGIN GEE CEE'S APPROACH PAVEMENT REPAIR EXCAVATION INCL. HAUL AND PAVING
 SEE ROGERS AND GEE-CEE'S PAVING SCHEDULE H-H TYPICAL SECTION (B) ON SHEET 12 OF 15
 11.00 TON CRUSHED SURFACING BASE COURSE
 88.00 S.Y. PAVEMENT REPAIR EXCAVATION INCL. HAUL
 25.00 TON HMA FOR APPROACH CL. 3/8 IN. PG 58V-22

2025 NE KRESKY AVE.
 CHEHALIS WA 98532
 PHONE # (360) 740-1123
 FAX # (360) 740-1479

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

NO.	DATE	BY	APP.

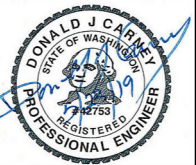
2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C
 ROGERS ROAD AND GEE-CEE'S PAVING SCHEDULE H-H
 PLAN VIEW

SHEET
11
 OF
15

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 Utilities Underground Location Center

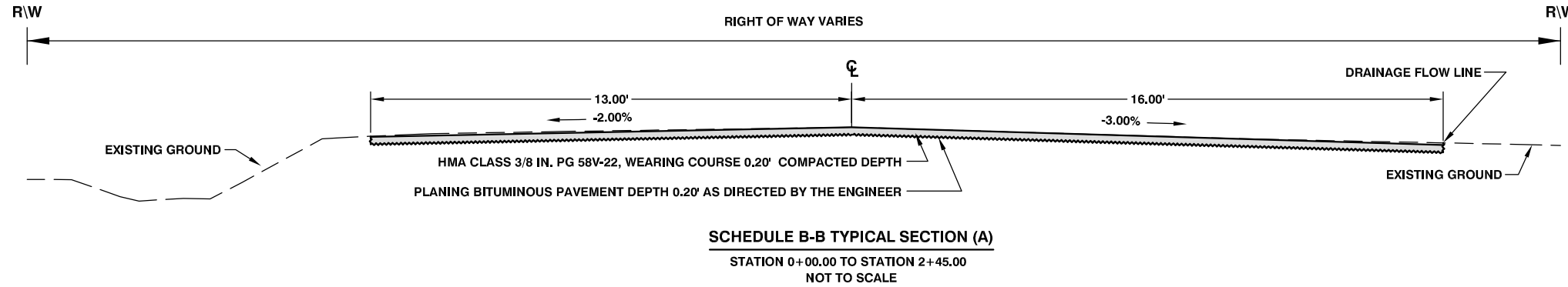
Donald J. Carney, P.E.
 Senior Engineer/Design
Donald J. Carney
 Date: 3/12/18



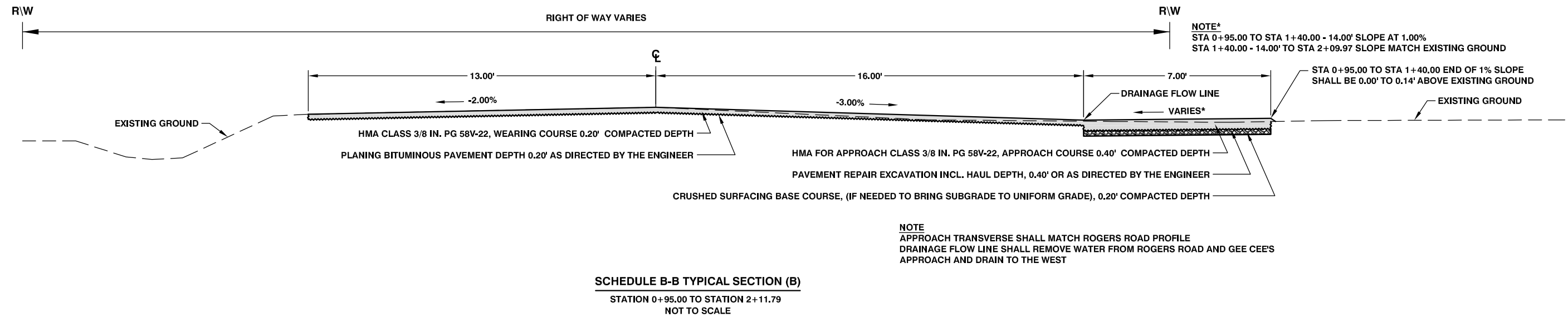
SCHEDULE H-H

ROGERS ROAD GEE CEE'S APPROACH

ROGERS ROAD & GEE CEE APPROACH
STA 0+00.00 TO STA 2+45.00

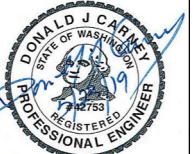


SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
PREPARATION				
1	0001	MOBILIZATION	LUMP SUM	LUMP SUM
GRADING				
2	0332	PAVEMENT REPAIR EXCAVATION INCL. HAUL	88.00	S.Y.
SURFACING				
3	5100	CRUSHED SURFACING BASE COURSE	11.00	TON
4	S.P.	SHOULDER FINISHING	-----	MILE
HOT MIX ASPHALT				
5	5711	PLANING BITUMINOUS PAVEMENT	777.00	S.Y.
6	5739	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	-----	TON
7	S.P.	PAVING REINFORCEMENT GRID	-----	S.Y.
8	5716	HMA FOR PRELEVELING CL. 3/8 IN. PG 58V-22	-----	TON
9	5717	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	-----	TON
10	5766	HMA CL. 3/8 IN. PG 58V-22	110.00	TON
11	5767	HMA CL. 1/2 IN. PG 58H-22	-----	TON
12	5872	HMA FOR APPROACH CL. 3/8 IN. PG 58V-22	25.00	TON
13	5873	HMA FOR APPROACH CL. 1/2 IN. PG 58H-22	-----	TON
TRAFFIC				
14	6973	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	LUMP SUM
15	6974	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	LUMP SUM
16	6980	FLAGGERS	80.00	HOUR
17	6982	CONSTRUCTION SIGNS CLASS A	-----	S.F.
18	S.P.	SIGNAL INDUCTION LOOP TYPE 3	-----	EACH
OTHER ITEMS				
19	7490	TRIMMING AND CLEANUP	LUMP SUM	LUMP SUM
20	7562	MAILBOX SUPPORT TYPE 1	-----	EACH
21	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	DOLLAR
22	7728	MINOR CHANGE	CALC.	DOLLAR
23	7736	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	LUMP SUM



NOTE
APPROACH TRANSVERSE SHALL MATCH ROGERS ROAD PROFILE
DRAINAGE FLOW LINE SHALL REMOVE WATER FROM ROGERS ROAD AND GEE CEE'S APPROACH AND DRAIN TO THE WEST

NO.	DATE	BY	APP.



NOTES



ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

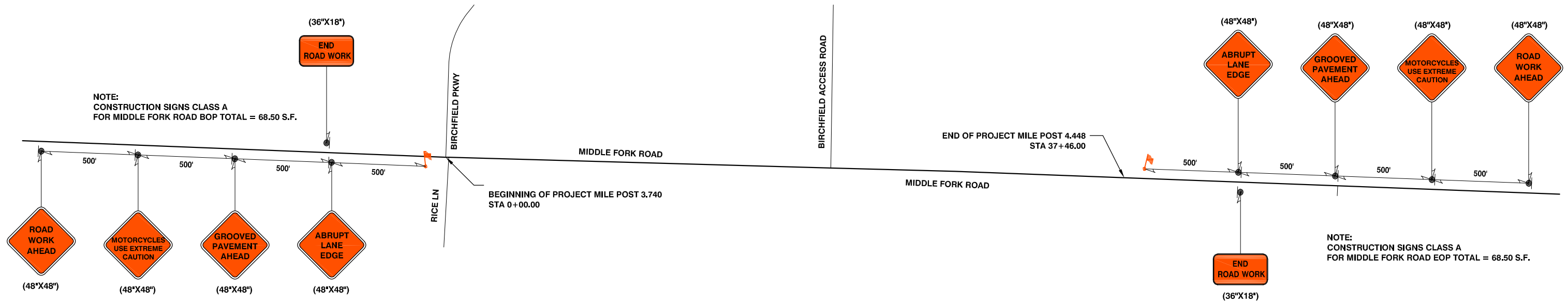
SIGN LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

TEMPORARY TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL 48 HOURS BEFORE IMPLEMENTATION AND SHALL USE THE WSDOT WORK ZONE TRAFFIC CONTROL GUIDELINES FOR MAINTENANCE OPERATIONS FOR GUIDANCE.

2 FLAGGERS AND 1 SPOTTER WILL BE UTILIZED FOR ALL MILLING AND MAINLINE PAVING OPERATIONS ON THIS SITE
2 FLAGGERS WILL BE UTILIZED FOR ALL OTHER OPERATIONS ON THIS SITE

LEGEND

-  CONSTRUCTION SIGN CLASS A
-  FLAGGING STATION



NO.	DATE	REVISION	BY	APP.

NOTES

ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

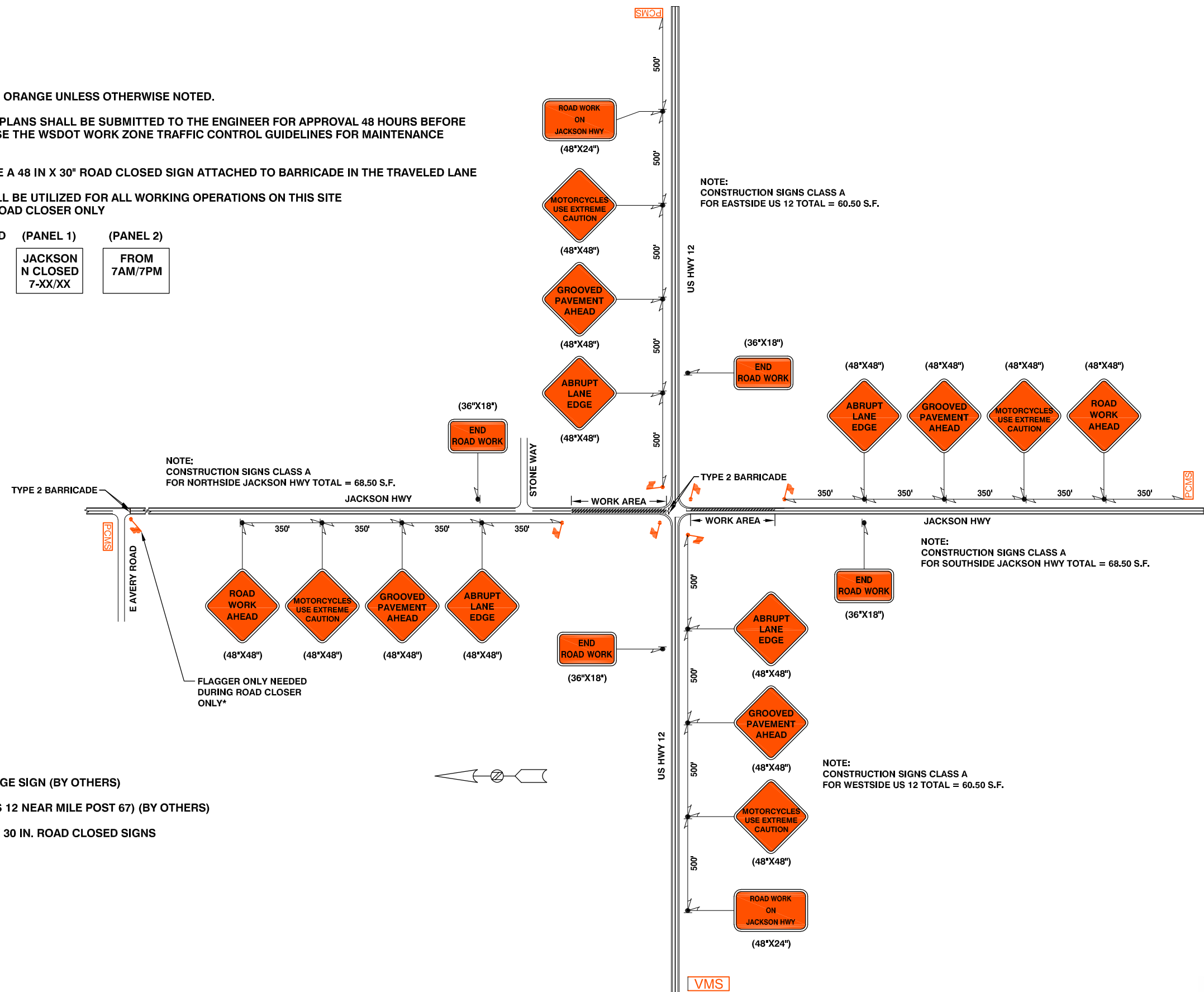
TEMPORARY TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL 48 HOURS BEFORE IMPLEMENTATION AND SHALL USE THE WSDOT WORK ZONE TRAFFIC CONTROL GUIDELINES FOR MAINTENANCE OPERATIONS FOR GUIDANCE.

TYPE 2 BARRICADES SHALL HAVE A 48 IN X 30" ROAD CLOSED SIGN ATTACHED TO BARRICADE IN THE TRAVELED LANE

6 FLAGGERS AND 1 SPOTTER WILL BE UTILIZED FOR ALL WORKING OPERATIONS ON THIS SITE
 * FLAGGER NEEDED DURING ROAD CLOSER ONLY

ALL MESSAGE SIGNS SHALL READ (PANEL 1) (PANEL 2)

JACKSON N CLOSED 7-XX/XX	FROM 7AM/7PM
--------------------------------	-----------------



LEGEND

- CONSTRUCTION SIGN CLASS A
- FLAGGING STATION
- PORTABLE CHANGEABLE MESSAGE SIGN (BY OTHERS)
- VARIABLE MESSAGE SIGN (AT US 12 NEAR MILE POST 67) (BY OTHERS)
- TYPE 2 BARRICADE WITH 48 IN. X 30 IN. ROAD CLOSED SIGNS

NO.	DATE	REVISION	BY	APP.



NOTES

ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

THIS SHEET IS TO SUPPLEMENT WORK ZONE TRAFFIC CONTROL PLAN TC-1





TEMPORARY TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL 48 HOURS BEFORE IMPLEMENTATION AND SHALL USE THE WSDOT WORK ZONE TRAFFIC CONTROL GUIDELINES FOR MAINTENANCE OPERATIONS FOR GUIDANCE.

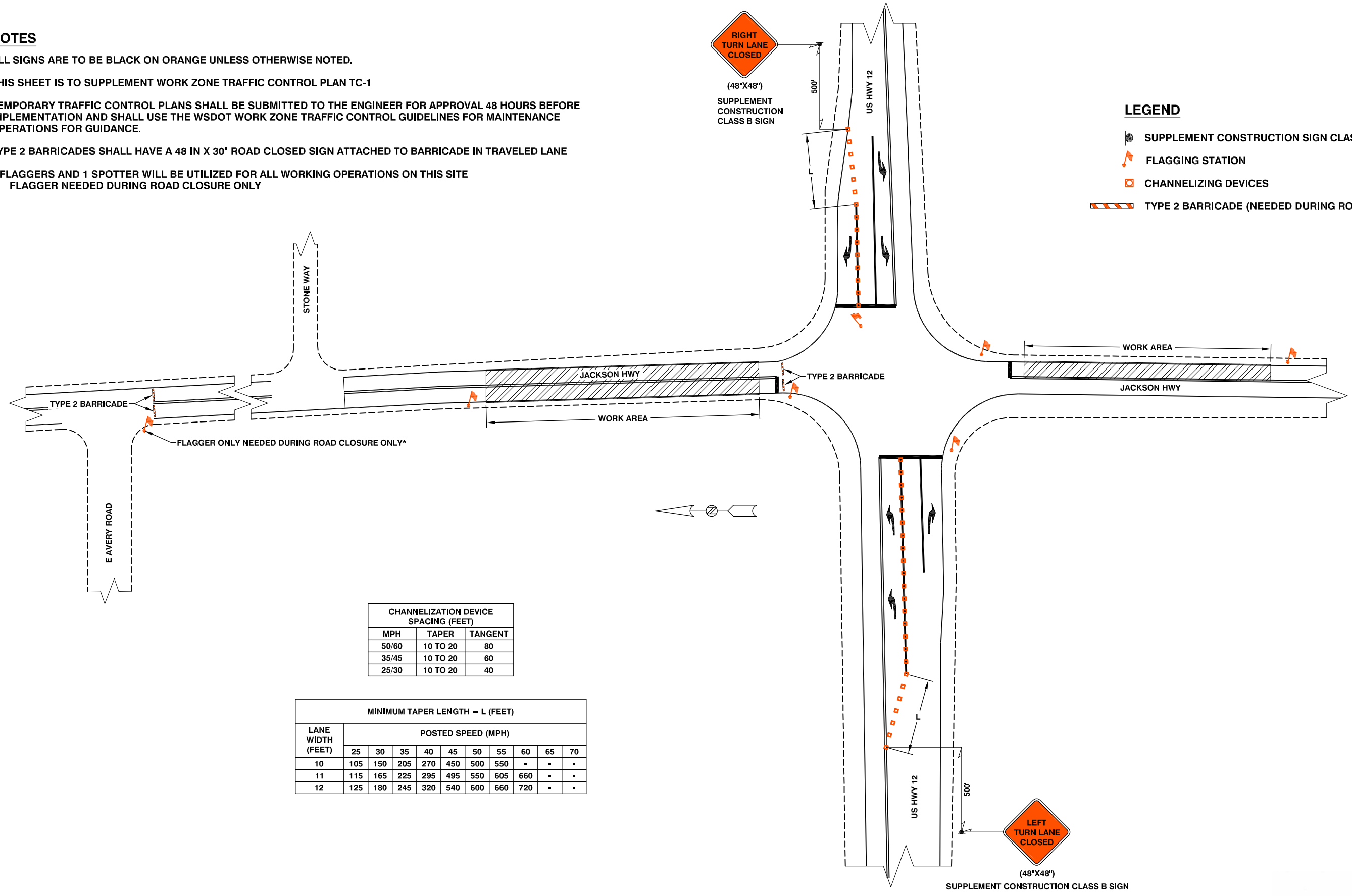
TYPE 2 BARRICADES SHALL HAVE A 48 IN X 30" ROAD CLOSED SIGN ATTACHED TO BARRICADE IN TRAVELED LANE

6 FLAGGERS AND 1 SPOTTER WILL BE UTILIZED FOR ALL WORKING OPERATIONS ON THIS SITE

* FLAGGER NEEDED DURING ROAD CLOSURE ONLY


LEGEND

-  SUPPLEMENT CONSTRUCTION SIGN CLASS B
-  FLAGGING STATION
-  CHANNELIZING DEVICES
-  TYPE 2 BARRICADE (NEEDED DURING ROAD CLOSURE ONLY)



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/60	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

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



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

DESIGNED BY : CGA	NO.	DATE	REVISION		BY	APP.
DRAWN BY : CGA						
CHECKED BY :						
DATE :						

2018 COUNTYWIDE HMA PROJECT

COUNTY ROAD PROJECT NO: 2179C
JACKSON HWY PAVING SCHEDULE G-G
SUPPLEMENT TRAFFIC CONTROL PLAN

SHEET
15
OF
15



Donald J. Carney, P.E.
Senior Engineer/Design
Donald J. Carney
Date: 5/10/18

