

# AUTHORIZATION

TO

## CALL FOR BIDS

Authorization given: **June 22, 2010**  
to CALL FOR BIDS by the Department of Public Works for:

**4-NE Road, CRP 09-02**  
**RAP Project #1307-01**

Bid opening date to be **July 13, 2010** at **1:30 P.M.** in the Office of the County Commissioners,  
Grant County Courthouse, Room 207, Ephrata, WA 98823

BOARD OF COUNTY COMMISSIONERS  
GRANT COUNTY, WASHINGTON

Yea    Nay    Abstain

\_\_\_\_\_  
Cindy Carter, Chair

\_\_\_\_\_  
Carolann Swartz, Vice Chair

\_\_\_\_\_  
Richard Stevens, Member

Approved:

ATTEST:

\_\_\_\_\_  
Director of Public Works

\_\_\_\_\_  
Clerk of the Board

Informational ONLY - NOT FOR BIDDING

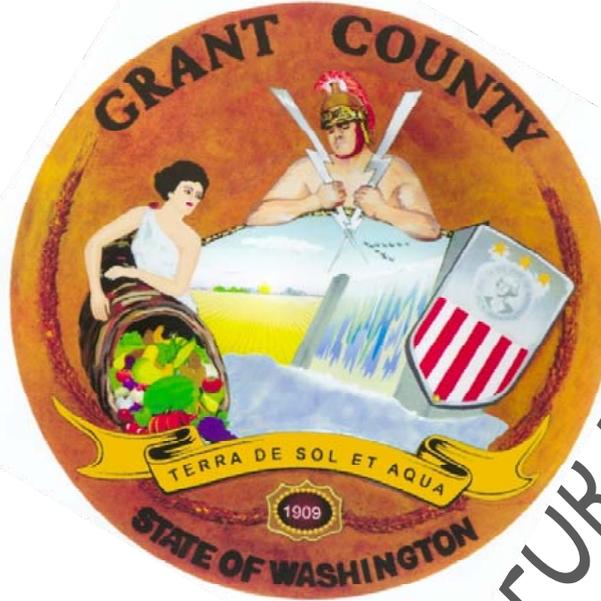
# GRANT COUNTY PUBLIC WORKS DEPARTMENT

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## CONTRACT PROVISIONS and PLANS

For Construction of:

4-NE Road  
CRP 09-02  
RAP Project #1307-01

Sealed Bids will be Opened on

**July 13, 2010**

at

**1:30 P.M.**

at the Office of the  
Board of County Commissioners  
Grant County Courthouse  
P.O. Box 37  
35 C Street NW, Room 207  
Ephrata, Washington 98823

Informational ONLY - NOT FOR BIDDING

## NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR 4-NE Road, CRP 09-02**", will be received by Grant County at the Office of the Board of County Commissioners located in the County Courthouse, P.O. Box 37, 35 C Street NW – Room 207, Ephrata, WA, 98823, until **1:30 P.M., Tuesday, July 13, 2010** and will then and there be opened and publicly read for the construction of the improvements.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. No conditional bid bond will be accepted. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to Grant County.

Maps, plans and specifications may be purchased from the office of the County Engineer, 124 Enterprise St. S.E., Ephrata, WA 98823, upon payment of the amount of \$25.00 (non-refundable).

Informational copies of the maps, plans and specifications are on file for inspection at the Grant County Public Works Building, 124 Enterprise St. S.E., Ephrata, WA 98823, and in various plan centers located in Washington.

The Board of County Commissioners of Grant County, Washington, reserves the right to reject any and all bids. The award of this contract, if made, will be to the lowest responsible bidder.

The improvement for which bids will be received follows:

### **4-NE Road – CRP 09-02**

This contract provides for the reconstruction of 0.99 miles of two lane county road in Grant County, WA, and includes roadway excavation, embankment compaction, drainage items, crushed surfacing base course and top course, hot mix asphalt, guardrail, paint striping, permanent signing, seeding and fertilizing, and other work in accordance with the plans and specifications.

## BIDDER'S CHECK LIST

The bidder's attention is especially called to the following forms which must be executed in full as required:

- (A) PROPOSAL  
The unit prices bid must be shown in the spaces provided. Show unit prices in figures only. All extensions of the unit prices must be shown in the spaces provided.
- (B) PROPOSAL SIGNATURE SHEET  
To be filled in and signed by the bidder.
- (C) STATEMENT OF CONTRACTOR QUALIFICATIONS  
To be filled in and signed by the bidder.
- (D) BID BOND  
This form is to be executed by the bidder and his surety company unless the bid is accompanied by cash, certified or cashier's check. The amount of this bond shall be equal to 5% of the total amount bid and may be shown in dollars or on a percentage basis.
- (E) Non-Collusion Declaration (272-036)

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

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

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Informational ONLY - NOT FOR BIDDING

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## **INTRODUCTION**

The following Amendments and Special Provisions shall be used in conjunction with the 2010 Standard Specifications for Road, Bridge, and Municipal Construction.

### **AMENDMENTS TO THE STANDARD SPECIFICATIONS**

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

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

02.AP1

## **SECTION 1-02, BID PROCEDURES AND CONDITIONS January 4, 2010**

### **1-02.7 Bid Deposit**

In the first paragraph, the third sentence is revised to read:

For projects scheduled for bid opening in Olympia, the proposal bond may be in hard copy or electronic format via Surety2000.com or Insurevision.com and BidX.com.

### **1-02.9 Delivery of Proposal**

In the first paragraph, the first sentence is revised to read:

For projects scheduled for bid opening in Olympia, each Proposal shall be sealed and submitted in the envelope provided with it, or electronically via Expedite software and BidX.com at the location and time identified in Section 1-02.12.

The following new paragraph is inserted after the first paragraph:

For projects scheduled for bid opening in the Region, each Proposal shall be sealed and submitted in the envelope provided with it, at the location and time identified in Section 1-02.12. The Bidder shall fill in all blanks on this envelope to ensure proper handling and delivery.

06.AP1

## **SECTION 1-06, CONTROL OF MATERIALS April 5, 2010**

### **1-06.1 Approval of Materials Prior to Use**

This section is supplemented with the following new sub-section:

1 **1-06.1(4) Fabrication Inspection Expense**

2 In the event the Contractor elects to have items fabricated beyond 300 miles from Seattle,  
3 Washington the Contracting Agency will deduct from payment due the Contractor costs to  
4 perform fabrication inspection on the following items:

- 5
- 6 • Steel Bridges and Steel Bridge components
- 7 • Cantilever Sign Structures and Sign Bridges
- 8 • Cylindrical, Disc, Pin, and Spherical Bearings
- 9 • Modular Expansion Joints
- 10 • Additional items as may be determined by the Engineer.

11  
12 The deductions for fabrication inspection costs will be as shown in the Payment Table  
13 below.  
14

Zone	Place of Fabrication	Reduction in Payment
1	Within 300 airline miles from Seattle	None
2	Between 300 and 3,000 airline miles from Seattle	\$700.00 per *inspection day
3	Over 3,000 airline miles from Seattle	\$1,000 per *inspection day, but not less than \$2,500 per trip

15 \*Note - An inspection day includes any calendar day or portion of a calendar day  
16 spent inspecting at or traveling to and from a place of fabrication.  
17

18 Where fabrication of an item takes place in more than one zone, the reduction in payment  
19 will be computed on the basis of the entire item being fabricated in the furthest of zones  
20 where any fabrication takes place on that item.  
21

22 The rates for Zone 2 and 3 shall be applied for the full duration time of all fabrication  
23 inspection activities to include but not limited to; plant approvals, prefabrication meetings,  
24 fabrication, coatings and final inspection.  
25

- 1 **1-06.2(2)A General**
- 2 Table 2 "Pay Factors" on page 1-39 is revised to read:
- 3

**Table 2  
Pay Factors**

PAY FACTOR	Minimum Required Percent of Work Within Specification Limits for a Given Factor (PU + PL) – 100															
	Category	n=3	n=4	n=5	n=6	n=7	n=8	n=9	n=10 to n=11	n=12 to n=14	n=15 to n=17	n=18 to n=22	n=23 to n=29	n=30 to n=42	n=43 to n=66	n=67 to ∞
1.05						100	100	100	100	100	100	100	100	100	100	100
1.04					100	99	97	95	96	96	96	97	97	97	97	97
1.03				100	98	96	94	92	93	93	94	95	95	96	96	96
1.02				99	97	94	91	89	90	91	92	93	93	94	94	94
1.01	100	100	100	98	95	92	89	87	88	89	90	91	92	92	92	92
1.00	69	75	78	80	82	83	84	85	86	87	88	89	90	91	91	92
0.99	66	72	76	78	80	81	82	83	84	85	86	87	88	89	90	91
0.98	64	70	74	76	78	79	80	81	82	84	85	86	87	88	88	90
0.97	63	68	72	74	76	77	78	79	81	82	83	84	86	87	88	88
0.96	61	67	70	72	74	75	76	78	79	81	82	83	84	86	86	87
0.95	59	65	68	71	72	74	75	76	78	79	80	82	83	84	86	86
0.94	58	63	67	69	71	72	73	75	76	78	79	80	82	83	83	85
0.93	57	62	65	67	69	71	72	73	75	76	78	79	80	82	82	84
0.92	55	60	63	66	68	69	70	72	73	75	76	78	79	81	82	82
0.91	54	59	62	64	66	68	69	70	72	74	75	76	78	79	81	81
0.90	53	57	61	63	65	66	67	69	71	72	74	75	77	78	78	80
0.89	51	56	59	62	63	65	66	68	69	71	72	74	75	77	77	79
0.88	50	55	58	60	62	64	65	66	68	70	71	73	74	76	76	78
0.87	49	53	57	59	61	62	63	65	67	68	70	71	73	75	75	77
0.86	48	52	55	58	59	61	62	64	66	67	69	70	72	74	74	76

(Continued)

- 4
- 5
- 6
- 7 Table 2 "Pay Factors" on page 1-40 is revised to read:
- 8

**Table 2  
Pay Factors (continued)**

PAY FACTOR	Minimum Required Percent of Work Within Specification Limits for a Given Factor (P <sub>U</sub> + P <sub>L</sub> ) – 100														
	Category	n=3	n=4	n=5	n=6	n=7	n=8	n=9	n=10 to n=11	n=12 to n=14	n=15 to n=17	n=18 to n=22	n=23 to n=29	n=30 to n=42	n=43 to n=66
0.85	46	51	54	56	58	60	61	62	64	66	67	69	71	72	75
0.84	45	49	53	55	57	58	60	61	63	65	66	68	70	71	73
0.83	44	48	51	54	56	57	58	60	62	64	65	67	69	70	72
0.82	43	47	50	53	54	56	57	59	61	62	64	66	67	69	71
0.81	41	46	49	51	53	55	56	58	59	61	63	64	66	68	70
0.80	40	44	48	50	52	54	55	56	58	60	62	63	65	67	69
0.79	39	43	46	49	51	52	54	55	57	59	61	62	64	66	68
0.78	38	42	45	48	50	51	52	54	56	58	59	61	63	65	67
0.77	36	41	44	46	48	50	51	53	55	57	58	60	62	64	66
0.76	35	39	43	45	47	49	50	52	54	56	57	59	61	63	65
0.75	33	38	42	44	46	48	49	51	53	54	56	58	60	62	64
REJECT	Values Less Than Those Shown Above														
Reject Quality Levels Less Than Those Specified for a 0.75 Pay Factor															
Note: If the value of (P <sub>U</sub> + P <sub>L</sub> ) - 100 does not correspond to a (P <sub>U</sub> + P <sub>L</sub> ) - 100 value in this table, use the next smaller (P <sub>U</sub> + P <sub>L</sub> ) - 100 value.															

- 9
- 10

1 07.AP1

2 **SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**  
3 **April 5, 2010**

4 **1-07.13(4) Repair of Damage**

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

6  
7 For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2), 1-07.13(3), or 8-  
8 17.5, payment will be made in accordance with Section 1-09.4 using the estimated Bid item  
9 "Reimbursement for Third Party Damage".

10

11 **1-07.16(2) Vegetation Protection and Restoration**

12 The second paragraph is revised to read:

13

14 Damage which may require replacement of vegetation includes torn bark stripping, broken  
15 branches, exposed root systems, cut root systems, poisoned root systems, compaction of  
16 surface soil and roots, puncture wounds, drastic reduction of surface roots or leaf canopy,  
17 changes in grade greater than 6-inches, or any other changes to the location that may  
18 jeopardize the survival or health of the vegetation to be preserved.

19

20 The third paragraph is revised to read:

21

22 When large roots of trees designated to be saved are exposed by the Contractor's  
23 operation, they shall be wrapped with heavy, moist material such as burlap or canvas for  
24 protection and to prevent excessive drying. The material shall be kept moist and securely  
25 fastened until the roots are covered to finish grade. All material and fastening material shall  
26 be removed from the roots before covering. All roots 1-inch or larger in diameter, which are  
27 damaged, shall be pruned with a sharp saw or pruning shear. Damaged, torn, or ripped  
28 bark shall be removed as ordered by the Engineer at no additional cost to the Contracting  
29 Agency.

30

31 The fourth paragraph is revised to read:

32

33 Any pruning activity required to complete the Work as specified shall be performed by a  
34 Certified Arborist as designated by the Engineer.

35

36 08.AP1

37 **SECTION 1-08, PROSECUTION AND PROGRESS**  
38 **April 5, 2010**

39 **1-08.1 Subcontracting**

40 The second and third sentences in the eighth paragraph are revised to read:

41

42 This Certification shall be submitted to the Project Engineer on WSDOT form 421-023,  
43 "Quarterly Report of Amounts Paid as MBE/WBE Participants", quarterly for the State fiscal  
44 quarters: January 1 through March 31, April 1 through June 30, July 1 through September  
45 30, October 1 through December 31, and for any remaining portion of a quarter through  
46 Physical Completion of the Contract. The report is due 20 calendar days following the fiscal  
47 quarter end or 20-calendar days after Physical Completion of the Contract.

48

1 The last sentence in the ninth paragraph is revised to read:

2

3 When required, this "Quarterly Report of Amounts Credited as DBE Participation" is in lieu  
4 of WSDOT form 421-023, "Quarterly Report of Amounts Paid as MBE/WBE Participants".

5

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

7 The last two sentences in the first paragraph are revised to read:

8

9 When any of these holidays fall on a Sunday, the following Monday shall be counted a  
10 nonworking day. When the holiday falls on a Saturday, the preceding Friday shall be  
11 counted a nonworking day. The days between December 25 and January 1 will be  
12 classified as nonworking days.

13

14 09.AP1

## 15 **SECTION 1-09, MEASUREMENT AND PAYMENT**

16 **January 4, 2010**

### 17 **1-09.9 Payments**

18 The first paragraph is revised to read:

19

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

22

23 The Contractor shall submit a breakdown of the cost of lump sum Items to enable the  
24 Project Engineer to determine the Work performed on a monthly basis. Lump sum item  
25 breakdowns shall be submitted prior to the first progress payment that includes payment for  
26 the Bid Item in question. A breakdown is not required for lump sum items that include a  
27 basis for incremental payments as part of the respective Specification. Absent a lump sum  
28 breakdown the Project Engineer will make a determination based on information available.  
29 The Project Engineer's determination of the cost of work shall be final.

30

31 In the third paragraph, the second sentence is deleted.

32

33 10.AP1

## 34 **SECTION 1-10, TEMPORARY TRAFFIC CONTROL**

35 **April 5, 2010**

36 In Division 1-10, all references to "truck mounted" are revised to read "transportable".

37

### 38 **1-10.2(3) Conformance to Established Standards**

39 In the fifth paragraph, the reference "(TMA's)" is deleted.

40

### 41 **1-10.3(2)C Lane Closure Setup/Takedown**

42 In the second paragraph, the reference to "TMA/arrow board" is revised to read "transportable  
43 attenuator/arrow board".

44

### 45 **1-10.3(3)A Construction Signs**

46 In the fourth paragraph "height" is replaced with "top of the ballast".

1  
2 **1-10.3(3)J Truck Mounted Attenuator**

3 The title for this section is revised to read:

4  
5 **1-10.3(3)J Transportable Attenuator**

6  
7 In the second and fourth paragraphs, the references to "TMA" are revised to read  
8 "Transportable Attenuator".

9  
10 In the first paragraph, the first sentence is revised to read:

11  
12 Where shown on an approved traffic control plan or where ordered by the Engineer, the  
13 Contractor shall provide, operate, and maintain transportable impact attenuators as  
14 required in Section 9-35.12.

15  
16 In the third paragraph, the reference to "truck's" is revised to read "host vehicle's".

17  
18 **1-10.4(2) Item Bids with Lump Sum for Incidentals**

19 All references to "Truck Mounted Impact Attenuator(s)" are revised to read "Transportable  
20 Attenuator(s)".

21  
22 In the eighth paragraph, the first sentence is revised to read:

23  
24 "Transportable Attenuator" will be measured per each one time only for each host vehicle  
25 with mounted or attached impact attenuator used on the project.

26  
27 In the last sentence of the ninth paragraph, the reference to "TMA" is replaced with  
28 "transportable attenuator".

29  
30 **1-10.5(2) Item Bids with Lump Sum for Incidentals**

31 All references to "truck mounted impact attenuator(s)" are revised to read "transportable  
32 attenuator(s)".

33  
34 01.AP2

35 **SECTION 2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP**  
36 **April 5, 2010**

37 **2-01.3(2) Grubbing**

38 In the first paragraph Item 2. e. is revised to read:

39  
40 e. Upon which embankments will be placed except stumps may be close-cut or trimmed  
41 as allowed in Section 2-01.3(1) item 3.

42  
43 02.AP2

44 **SECTION 2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS**  
45 **January 4, 2010**

46 **2-02.3 Construction Requirements**

47 The fourth paragraph is revised to read:

1  
2 The Contractor may dispose of waste material in Contracting Agency owned sites if the  
3 Special Provisions or the Engineer permits it. Otherwise, the Contractor shall arrange to  
4 dispose of waste at no expense to the Contracting Agency and the disposal shall meet the  
5 requirements of Section 2-03.3(7)C.  
6

7 04.AP5

8 **SECTION 5-04, HOT MIX ASPHALT**  
9 **April 5, 2010**

10 **5-04.3(8)A1 General**

11 The second sentence in the second paragraph is revised to read:

12  
13 Statistical evaluation will be used for a class of HMA with the same PG grade of asphalt  
14 binder, when the Proposal quantities exceed 4,000-tons.  
15

16 The third paragraph is revised to read:

17  
18 Nonstatistical evaluation will be used for the acceptance of HMA when the Proposal  
19 quantities for a class of HMA, with the same PG grade of asphalt binder, are 4,000-tons or  
20 less.  
21

22 **5-04.3(8)A4 Definition of Sampling Lot and Sublot**

23 The first sentence in the first paragraph is revised to read:

24  
25 A lot is represented by randomly selected samples of the same mix design that will be  
26 tested for acceptance with a maximum of 15 sublots per lot; the final lot for a mix design  
27 may be increased to 25 sublots  
28

29 **5-04.3(10)B1 General**

30 The first sentence in the second paragraph is revised to read:

31  
32 A lot is represented by randomly selected samples of the same mix design that will be  
33 tested for acceptance with a maximum of 15 sublots per lot; the final lot for a mix design  
34 may be increased to 25 sublots.  
35

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37 **SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL**  
38 **April 5, 2010**

39 **8-01.2 Materials**

40 In the first paragraph, the following is inserted after the first sentence:

41  
42 Corrugated Polyethylene Drain Pipe 9-05.1(6)  
43

44 **8-01.3(1) General**

45 In the sixth paragraph, the first sentence is revised to read:  
46

1 When natural elements rut or erode the slope, the Contractor shall restore and repair the  
2 damage with the eroded material where possible, and remove and dispose of any  
3 remaining material found in ditches and culverts.  
4

5 In the seventh paragraph the first two sentences are deleted.  
6

7 The table in the seventh paragraph is revised to read:  
8

9 **Western Washington (West of the Cascade Mountain crest)**

10 May 1 through September 30	17 Acres
11 October 1 through April 30	5 Acres

12  
13 **Eastern Washington (East of the Cascade Mountain crest.)**

14 April 1 through October 31	17 Acres
15 November 1 through March 31	5 Acres

16  
17 The eighth paragraph is revised to read:  
18

19 The Engineer may increase or decrease the limits based on project conditions.  
20

21 The ninth paragraph is revised to read:  
22

23 Erodible earth is defined as any surface where soils, grindings, or other materials may be  
24 capable of being displaced and transported by rain, wind, or surface water runoff.  
25

26 The 10th paragraph is revised to read:  
27

28 Erodible earth not being worked, whether at final grade or not, shall be covered within  
29 the specified time period, (see the tables below) using an approved soil covering  
30 practice.  
31

32 **Western Washington (West of the Cascade Mountain crest)**

33 October 1 through April 30	2-days maximum
34 May 1 to September 30	7-days maximum

35  
36  
37 **Eastern Washington (East of the Cascade Mountain crest.)**

38 October 1 through June 30	5-days maximum
39 July 1 through September 30	10-days maximum

40  
41 **8-01.3(1)A Submittals**

42 This section is revised to read:  
43

44 When a Temporary Erosion and Sediment Control (TESC) Plan is included in the Plans, the  
45 Contractor shall either adopt or modify the existing TESC Plan. If modified, the Contractor's  
46 TESC Plan shall meet all requirements of Chapter 6-2 of the current edition of the WSDOT  
47 Highway Runoff Manual. The Contractor shall provide a schedule for TESC Plan  
48 implementation and incorporate it into the Contractor's progress schedule. The Contractor  
49 shall obtain the Engineer's approval of the TESC Plan and schedule prior to the beginning  
50 of Work. The TESC Plan shall cover all areas that maybe affected inside and outside the  
51 limits of the project (including all Contracting Agency-provided sources, disposal sites, and  
52 haul roads, and all nearby land, streams, and other bodies of water).  
53

1 The Contractor shall allow at least 5-working days for the Engineer to review any original or  
2 revised TESC Plan. Failure to approve all or part of any such Plan shall not make the  
3 Contracting Agency liable to the Contractor for any Work delays.  
4

### 5 **8-01.3(1)B Erosion and Sediment Control (ESC) Lead**

6 In the last paragraph, "Form Number 220-030 EF" is revised to read "WSDOT Form Number  
7 220-030 EF".  
8

### 9 **8-01.3(1)C Water Management**

10 In number 2., the reference to "Standard Specification" is revised to read "Section".  
11

12 Number 3., is revised to read:  
13

#### 14 3. Offsite Water

15 Prior to disruption of the normal watercourse, the Contractor shall intercept the offsite  
16 stormwater and pipe it either through or around the project site. This water shall not be  
17 combined with onsite stormwater. It shall be discharged at its pre-construction outfall  
18 point in such a manner that there is no increase in erosion below the site. The method  
19 for performing this Work shall be submitted by the Contractor for the Engineer's  
20 approval.  
21

### 22 **8-01.3(1)D Dispersion/Infiltration**

23 This section is revised to read:  
24

25 Water shall be conveyed only to dispersion or infiltration areas designated in the TESC  
26 Plan or to sites approved by the Engineer. Water shall be conveyed to designated  
27 dispersion areas at a rate such that, when runoff leaves the area, and enters waters of the  
28 State, turbidity standards are achieved. Water shall be conveyed to designated infiltration  
29 areas at a rate that does not produce surface runoff.  
30

### 31 **8-01.3(2)B Seeding and Fertilizing**

32 The fourth paragraph is revised to read:  
33

34 The seed applied using a hydroseeder shall have a tracer added to visibly aid uniform  
35 application. This tracer shall not be harmful to plant, aquatic or animal life. If cellulose fiber  
36 mulch or wood fiber mulch is used as a tracer, the application rate shall not exceed 250-  
37 pounds per acre.  
38

39 In the fifth paragraph, "hydro seeder" is revised to read "hydroseeder".  
40

### 41 **8-01.3(2)D Mulching**

42 In the second paragraph, the second sentence is revised to read:  
43

44 Wood strand mulch shall be applied by hand or by straw blower on seeded areas.  
45

46 In the third paragraph, "1" is revised to read "a single" and "hydro seeder" is revised to read  
47 "hydroseeder".  
48

49 In the fourth paragraph, "MBFM" is revised to read "MBFM/FRM".  
50

### 51 **8-01.3(2)E Tacking Agent and Soil Binders**

52 The following new paragraph is inserted at the beginning of this Section:  
53

1 Tacking agent or soil binders applied using a hydroseeder shall have a mulch tracer  
2 added to visibly aid uniform application. This tracer shall not be harmful to plant,  
3 aquatic or animal life. If cellulose fiber mulch or wood fiber mulch is used as a tracer,  
4 the application rate shall not exceed 250-pounds per acre.  
5

6 The paragraph "**Soil Binding Using Bonded Fiber Matrix (BFM)**" is supplemented with the following:  
7

8 The BFM may require a 24 to 48 hour curing period to achieve maximum performance and  
9 shall not be applied when precipitation is predicted within 24 to 48 hours, or on saturated  
10 soils, as determined by the Engineer.  
11

12 The last paragraph including title is revised to read:  
13

14 **Soil Binding Using Mechanically-Bonded Fiber Matrix (MBFM) or Fiber Reinforced**  
15 **Matrix (FRM)**

16 The MBFM/FRM shall be hydraulically applied in accordance with the manufacturer's  
17 installation instructions and recommendations.  
18

19 **8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch**

20 The first paragraph is revised to read:  
21

22 Unless otherwise approved by the Engineer, the final application of seeding, fertilizing, and  
23 mulching of slopes shall be performed during the following periods:  
24

<u>Western Washington</u> <sup>1</sup>	<u>Eastern Washington</u>
(West of the Cascade Mountain crest)	(East of the Cascade Mountain crest)
March 1 through May 15	October 1 through November 15 only
September 1 through October 1	

25  
26  
27  
28  
29  
30 <sup>1</sup>Where Contract timing is appropriate, seeding, fertilizing, and mulching shall be  
31 accomplished during the fall period listed above. Written permission to seed after October 1  
32 will only be given when Physical Completion of the project is imminent and the  
33 environmental conditions are conducive to satisfactory growth.  
34

35 **8-01.3(2)G Protection and Care of Seeded Areas**

36 The first paragraph is revised to read:  
37

38 The Contractor shall be responsible to ensure a healthy stand of grass. The Contractor  
39 shall restore eroded areas, clean up and properly dispose of eroded materials, and reapply  
40 the seed, fertilizer, and mulch, at no additional cost to the Contracting Agency.  
41

42 In the second paragraph, number 1. is revised to read:  
43

- 44 1. At the Contractor's expense, seed, fertilizer and mulch shall be reapplied in areas that  
45 have been damaged through any cause prior to final inspection, and reapplied to areas  
46 that have failed to receive a uniform application at the specified rate.  
47

48 **8-01.3(2)H Inspection**

49 The first sentence is revised to read:  
50

1 Inspection of seeded areas will be made upon completion of seeding, temporary seeding,  
2 fertilizing, and mulching.

3  
4 The third sentence is revised to read:

5  
6 Areas that have not received a uniform application of seed, fertilizer, or mulch at the  
7 specified rate, as determined by the Engineer, shall be reseeded, refertilized, or remulched  
8 at the Contractor's expense prior to payment.

9  
10 **8-01.3(2) Mowing**

11 In the first paragraph, the last sentence is revised to read:

12  
13 Trimming around traffic facilities, Structures, planting areas, or other features extending  
14 above ground shall be accomplished preceding or simultaneously with each mowing.

15  
16 **8-01.3(3) Placing Erosion Control Blanket**

17 In the first sentence, "Standard" is deleted.

18  
19 The second sentence is revised to read:

20  
21 Temporary erosion control blankets, having an open area of 60-percent or greater, may be  
22 installed prior to seeding.

23  
24 **8-01.3(4) Placing Compost Blanket**

25 In the first paragraph, "before" is revised to read "prior to"

26  
27 The last sentence is revised to read:

28  
29 Compost shall be Coarse Compost.

30  
31 **8-01.3(5) Placing Plastic Covering**

32 The first sentence is revised to read:

33  
34 Plastic shall be placed with at least a 12-inch overlap of all seams.

35  
36 **8-01.3(6)A Geotextile-Encased Check Dam**

37 The first paragraph is deleted.

38  
39 **8-01.3(6)B Rock Check Dam**

40 This section including title is revised to read:

41  
42 **8-01.3(6)B Quarry Spall Check Dam**

43 The rock used to construct rock check dams shall meet the requirements for quarry spalls.

44  
45 **8-01.3(6)D Wattle Check Dam**

46 This section is revised to read:

47  
48 Wattle check dams shall be installed in accordance with the Plans.

49  
50 **8-01.3(6)E Coir Log**

51 This section is revised to read:

52  
53 Coir logs shall be installed in accordance with the Plans.

1  
2 **8-01.3(9)A Silt Fence**

3 In the second paragraph, the second sentence is revised to read:

4  
5 The strength of the wire or plastic mesh shall be equivalent to or greater than what is  
6 required in Section 9-33.2(1), Table 6 for unsupported geotextile (i.e., 180 lbs. grab tensile  
7 strength in the machine direction).  
8

9 **8-01.3(9)B Gravel Filter, Wood Chip or Compost Berm**

10 In the second paragraph, the last sentence is deleted.

11  
12 The third paragraph is revised to read:

13  
14 The Compost Berm shall be constructed in accordance with the detail in the Plans.  
15 Compost shall be Coarse Compost.  
16

17 **8-01.3(9)C Straw Bale Barrier**

18 This section is revised to read:

19  
20 Straw Bale Barriers shall be installed in accordance with the Plans.  
21

22 **8-01.3(9)D Inlet Protection**

23 This section is revised to read:

24  
25 Inlet protection shall be installed below or above, or as a prefabricated cover at each inlet  
26 grate, as shown in the Plans. Inlet protection devices shall be installed prior to beginning  
27 clearing, grubbing, or earthwork activities.  
28

29 Geotextile fabric in all prefabricated inlet protection devices shall meet or exceed the  
30 requirements of Section 9-33.2, Table 1 for Moderate Survivability, and the minimum  
31 filtration properties of Table 2.  
32

33 When the depth of accumulated sediment and debris reaches approximately  $\frac{1}{2}$  the height  
34 of an internal device or  $\frac{1}{3}$  the height of the external device (or less when so specified by the  
35 manufacturers) or as designated by the Engineer, the deposits shall be removed and  
36 stabilized on site in accordance with Section 8-01.3(16).  
37

38 **8-01.3(10) Wattles**

39 In the first paragraph, the third sentence is revised to read:

40  
41 Excavated material shall be spread evenly along the uphill slope and be compacted using  
42 hand tamping or other method approved by the Engineer.  
43

44 This section is supplemented with the following new paragraph:

45  
46 The Contractor shall exercise care when installing wattles to ensure that the method of  
47 installation minimizes disturbance of waterways and prevents sediment or pollutant  
48 discharge into waterbodies.  
49

50 **8-01.3(12) Compost Sock**

51 In the first paragraph, "sock" is revised to read "socks" and "streambed" is revised to read  
52 "waterbodies".  
53

1 In the second paragraph "bank" is revised to read "slope".

2  
3 In the third paragraph "and" is revised to read "or".

4  
5 This section is supplemented with the following new paragraph:

6  
7 Compost for Compost Socks shall be Coarse Compost.

8  
9 **8-01.3(14) Temporary Pipe Slope Drain**

10 The first paragraph is revised to read:

11  
12 Temporary pipe slope drain shall be Corrugated Polyethylene Drain Pipe and shall be  
13 constructed in accordance with the Plans

14  
15 The last paragraph is revised to read:

16  
17 Placement of outflow of the pipe shall not pond water on road surface.

18  
19 **8-01.3(15) Maintenance**

20 In the fourth paragraph, the last sentence is revised to read:

21  
22 Clean sediments may be stabilized on site using approved BMPs as approved by the  
23 Engineer.

24  
25 **8-01.3(16) Removal**

26 In the second paragraph, the last sentence is revised to read:

27  
28 This may include, but is not limited to, ripping the soil, incorporating soil amendments, and  
29 seeding with the specified seed.

30  
31 **8-01.4 Measurement**

32 The eighth paragraph is revised to read:

33  
34 Silt fence, gravel filter, compost berms, and wood chip berms will be measured by the linear  
35 foot along the ground line of completed barrier.

36  
37 **8-01.5 Payment**

38 The following bid items are relocated after the bid item "Check Dam":

39  
40 "Inlet Protection", per each.

41  
42 "Gravel Filter Berm", per linear foot.

43  
44 The following new paragraph is inserted before the bid item "Stabilized Construction Entrance":

45  
46 The unit Contract price per linear foot for "Check Dam" and "Gravel Filter Berm" and per  
47 each for "Inlet Protection" shall be full pay for all equipment, labor and materials to perform  
48 the Work as specified, including installation, removal and disposal at an approved disposal  
49 site.

50  
51 The paragraph after the bid item "Temporary Curb" is revised to read:

1 The unit Contract price per linear foot for temporary curb shall include all costs to install,  
2 maintain, remove, and dispose of the temporary curb.

3  
4 The bid item "Mulching with MBFM" is revised to read "Mulching with MBFM/FRM".  
5

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7 **SECTION 8-02, ROADSIDE RESTORATION**  
8 **January 4, 2010**

9 **8-02.3(2) Roadside Work Plan**

10 In the first paragraph, the second sentence is revised to read:

11  
12 The roadside work plan shall define the Work necessary to provide all Contract  
13 requirements, including: wetland excavation, soil preparation, habitat, Structure placement,  
14 planting area preparation, seeding area preparation, bark mulch and compost placement,  
15 seeding, planting, plant replacement, irrigation, and weed control in narrative form.  
16

17 The first sentence under "**Progress Schedule**" is revised to read:

18  
19 A progress schedule shall be submitted in accordance with Section 1-08.3. The Progress  
20 Schedule shall include the planned time periods for Work necessary to provide all Contract  
21 requirements in accordance with Sections 8-01, 8-02, and 8-03.  
22

23 The first sentence under "**Weed and Pest Control Plan**" is revised to read:

24  
25 The Weed and Pest Control Plan shall be submitted and approved prior to starting any  
26 Work defined in Sections 8-01, and 8-02.  
27

28 In the third paragraph under "**Weed and Pest Control Plan**" the first and second sentences are  
29 revised to read:

30  
31 The plan shall be prepared and signed by a licensed Commercial Pest Control Operator or  
32 Consultant when chemical pesticides are proposed. The plan shall include methods of  
33 weed control; dates of weed control operations; and the name, application rate, and  
34 Material Safety Data Sheets of all proposed herbicides.  
35

36 The last paragraph under "**Plant Establishment Plan**" is deleted.  
37

38 **8-02.3(2)A Chemical Pesticides**

39 This section is deleted.  
40

41 **8-02.3(2)B Weed and Pest Control**

42 This section is deleted.  
43

44 **8-02.3(3) Planting Area Weed Control**

45 This section including title is revised to read:  
46

47 **8-02.3(3) Weed and Pest Control**

48 The Contractor shall control weed and pest species within the project area using integrated  
49 pest management principles consisting of mechanical, biological and chemical controls that  
50 are outlined in the Weed and Pest Control Plan or as designated by the Engineer.

1  
2 Those weeds specified as noxious by the Washington State Department of Agriculture, the  
3 local Weed District, or the County Noxious Weed Control Board and other species identified  
4 by the Contracting Agency shall be controlled on the project in accordance with the weed  
5 and pest control plan.  
6

7 The Contractor shall control weeds not otherwise covered in accordance with Section 8-  
8 02.3(3)A, **Planting Area Weed Control** in all areas within the project limits, including  
9 erosion control seeding area and vegetation preservation areas, as designated by the  
10 Engineer.  
11

12 This section is supplemented with the following new sub-sections:  
13

14 **8-02.3(3)A Planting Area Weed Control**

15 All planting areas shall be prepared so that they are weed and debris free at the time of  
16 planting and until completion of the project. The planting areas shall include the entire  
17 ground surface, regardless of cover, all planting beds, areas around plants, and those  
18 areas shown in the Plans.  
19

20 All applications of post-emergent herbicides shall be made while green and growing tissue  
21 is present. Should unwanted vegetation reach the seed stage, in violation of these  
22 Specifications, the Contractor shall physically remove and bag the seed heads. All  
23 physically removed vegetation and seed heads shall be disposed of off site at no cost to the  
24 Contracting Agency.  
25

26 Weed barrier mats shall be installed as shown in the Plans. Mats shall be 3-foot square and  
27 shall be secured by a minimum of 5-staples per mat. Mats and staples shall be installed  
28 according to the manufacturer's recommendations.  
29

30 **8-02.3(3)B Chemical Pesticides**

31 Application of chemical pesticides shall be in accordance with the label recommendations,  
32 the Washington State Department of Ecology, local sensitive area ordinances, and  
33 Washington State Department of Agriculture laws and regulations. Only those herbicides  
34 listed in the table *Herbicides Approved for Use on WSDOT Rights of Way* at  
35 [http://www.wsdot.wa.gov/Maintenance/Roadside/herbicide\\_use.htm](http://www.wsdot.wa.gov/Maintenance/Roadside/herbicide_use.htm) may be used.  
36

37 The applicator shall be licensed by the State of Washington as a Commercial Applicator or  
38 Commercial Operator with additional endorsements as required by the Special Provisions  
39 or the proposed weed control plan. The Contractor shall furnish the Engineer evidence that  
40 all operators are licensed with appropriate endorsements, and that the pesticide used is  
41 registered for use by the Washington State Department of Agriculture. All chemicals shall  
42 be delivered to the job site in the original containers. The licensed applicator or operator  
43 shall complete a Commercial Pesticide Application Record (DOT Form 540-509) each day  
44 the pesticide is applied, and furnish a copy to the Engineer by the following business day.  
45

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

50 The Contractor shall assume all responsibility for rendering any area unsatisfactory for  
51 planting by reason of chemical application. Damage to adjacent areas, either on or off the  
52 Highway Right of Way, shall be repaired to the satisfaction of the Engineer or the property  
53 owner, and the cost of such repair shall be borne by the Contractor.  
54

1 **8-02.3(5) Planting Area Preparation**

2 In the first paragraph, the second sentence is revised to read:

3  
4 Material displaced by the Contractor's operations that interferes with drainage shall be  
5 removed from the channel and disposed of as approved by the Engineer.  
6

7 **8-02.3(7) Layout of Planting**

8 The second paragraph is deleted.  
9

10 **8-02.3(8) Planting**

11 In the second paragraph, the first and second sentences are revised to read:

12  
13 Under no circumstances will planting be permitted during unsuitable soil or weather  
14 conditions as determined by the Engineer. Unsuitable conditions may include frozen soil,  
15 freezing weather, saturated soil, standing water, high winds, heavy rains, and high water  
16 levels.  
17

18 The fourth paragraph is revised to read:

19  
20 Plants shall not be placed below the finished grade.  
21

22 The fifth paragraph is revised to read:

23  
24 Planting hole sizes for plant material shall be in accordance with the details shown in the  
25 Plans. Any glazed surface of the planting hole shall be roughened prior to planting.  
26

27 The following new paragraph is inserted after the fifth paragraph:

28  
29 All cuttings shall be planted immediately if buds begin to swell.  
30

31 **8-02.3(9) Pruning, Staking, Guying, and Wrapping**

32 In the first paragraph, the last sentence is revised to read:

33  
34 All other pruning shall be performed only after the plants have been in the ground at least  
35 one year and when plants are dormant.  
36

37 **8-02.3(13) Plant Establishment**

38 In the third paragraph, the first sentence is revised to read:

39  
40 During the first-year plant establishment period, the Contractor shall perform all Work  
41 necessary to ensure the resumption and continued growth of the transplanted material.  
42

43 In the fourth paragraph, "propose" is revised to read "submit".  
44

45 **8-02.3(15) Live Fascines**

46 In the first paragraph, the fourth sentence is revised to read:

47  
48 Dead branches may be placed within the live fascine and on the side exposed to the air.  
49

50 In the second paragraph, the third sentence is deleted.

51  
52 In the second paragraph, the seventh sentence is revised to read:  
53

1 The live stakes shall be driven through the live fascine vertically into the slope.

2  
3 **8-02.3(16)A Lawn Installation**

4 In the third paragraph, the last two items "West of the summit of the Cascade Range - March 1  
5 to October 1." and "East of the summit of the Cascade Range - April 15 to October 1." are  
6 revised to read:

7		
8	Western Washington	Eastern Washington
9	(West of the Cascade Mountain crest)	(East of the Cascade Mountain crest)
10	March through May 15	October 1 through November 15
11	September 1 through October 1	
12		

13 The fifth paragraph is revised to read:

14  
15 Topsoil for seeded or sodded lawns shall be placed at the depth and locations as shown in  
16 the Plans. The topsoil shall be cultivated to the specified depth, raked to a smooth even  
17 grade without low areas that trap water and compacted, all as approved by the Engineer.

18  
19 In the sixth paragraph, the last sentence is revised to read:

20  
21 Following placement, the sod shall be rolled with a smooth roller to establish contact with  
22 the soil.

23  
24 **8-02.4 Measurement**

25 The seventh paragraph is revised to read:

26  
27 Fine compost, medium compost and coarse compost will be measured by the cubic yard in  
28 the haul conveyance at the point of delivery.

29  
30 **8-02.5 Payment**

31 The following new paragraph is inserted above the paragraph beginning with "Payment shall be  
32 increased to 90-percent.....":

33  
34 Plant establishment milestones are achieved when plants meet conditions described in  
35 Section 8-02.3(13).

36  
37 The following is inserted after the bid item "Fine Compost":

38  
39 "Medium Compost", per cubic yard.

40  
41 The paragraph for the bid item "Weed Control" is revised to read:

42  
43 "Weed and Pest Control", will be paid in accordance with Section 1-09.6.

44  
45 The following new paragraph is inserted after the bid item "Soil Amendment":

46  
47 The unit Contract price per cubic yard for "Soil Amendment" shall be full pay for furnishing  
48 and incorporating the soil amendment into the existing soil.

49  
50 The following new paragraph is inserted after the bid item "Bark or Wood Chip Mulch":

51  
52 The unit Contract price per cubic yard for "Bark or Wood Chip Mulch" shall be full pay for  
53 furnishing and spreading the mulch onto the existing soil.

2 **SECTION 9-05, DRAINAGE STRUCTURES, CULVERTS, AND CONDUITS**  
3 **January 4, 2010**

4 **9-05.12(2) Profile Wall PVC Culvert Pipe, Profile Wall PVC Storm Sewer Pipe, and**  
5 **Profile Wall PVC Sanitary Sewer Pipe**

6 In the fourth paragraph, the word "producer's" is revised to read "Manufacturer's".  
7

8 **9-05.13 Ductile Iron Sewer Pipe**

9 The second and third paragraphs are revised to read:

10

11 Ductile iron pipe shall conform to ANSI A 21.51 or AWWA C151 and shall be cement mortar  
12 lined and have a 1- mil seal coat per AWWA C104, or a Ceramic Filled Amine cured  
13 Novalac Epoxy lining, as indicated on the Plans or in the Special Provisions. The ductile  
14 iron pipe shall be Special Thickness Class 50, Minimum Pressure Class 350, or the Class  
15 indicated on the Plans or in the Special Provisions.

16

17 Nonrestrained joints shall be either rubber gasket type, push on type, or mechanical type  
18 meeting the requirements of AWWA C111.  
19

20

21 Division 9-05 is supplemented with the following new sections:

22

23 **9-05.21 Steel Rib Reinforced Polyethylene Culvert Pipe**

24 Steel rib reinforced polyethylene culvert pipe shall meet the requirements of ASTM F2562  
25 Class 1 for steel reinforced thermoplastic ribbed pipe and fittings for pipe 24-inch to 60-inch  
26 diameter with silt-tight joints.

27

28 Silt-tight joints for steel reinforced polyethylene culvert pipe shall be made with a bell/bell or  
29 bell and spigot coupling and incorporate the use of a gasket conforming to the  
30 requirements of ASTM F 477. All gaskets shall be installed on the pipe by the manufacturer.

31

32 Qualification for each manufacturer of steel reinforced polyethylene culvert pipe requires an  
33 approved joint system and a formal quality control plan for each plant proposed for  
34 consideration.

35

36 A Manufacturer's Certificate of Compliance shall be required and shall accompany the  
37 materials delivered to the project. The certificate shall clearly identify production lots for all  
38 materials represented. The Contracting Agency may conduct verification tests of pipe  
39 stiffness or other properties as it deems appropriate.

40

41 **9-05.22 Steel Rib Reinforced Polyethylene Storm Sewer Pipe**

42 Steel rib reinforced polyethylene storm sewer pipe shall meet the requirements of ASTM  
43 F2562 Class 1 for steel reinforced thermoplastic ribbed pipe and fittings. The maximum  
44 diameter for steel reinforced polyethylene storm sewer pipe shall be the diameter for which  
45 a manufacturer has submitted a qualified joint. Qualified manufacturers and approved joints  
46 are listed in the Qualified Products Lists. Fittings shall be rotationally molded, injection  
47 molded, or factory welded.

48

49 All joints for steel reinforced polyethylene storm sewer pipe shall be made with a bell and  
50 spigot coupling and conform to ASTM D 3212 using elastomeric gaskets conforming to  
51 ASTM F 477. All gaskets shall be installed on the pipe by the manufacturer.

51

1 Qualification for each manufacturer of steel reinforced polyethylene storm sewer pipe  
2 requires joint system conformance to ASTM D 3212 using elastomeric gaskets conforming  
3 to ASTM F 477 and a formal quality control plan for each plant proposed for consideration.  
4

5 A Manufacturer's Certificate of Compliance shall be required and shall accompany the  
6 materials delivered to the project. The certificate shall clearly identify production lots for all  
7 materials represented. The Contracting Agency may conduct verification tests of pipe  
8 stiffness or other properties as it deems appropriate.  
9

### 10 **9-05.23 High Density Polyethylene (HDPE) Pipe**

11 HDPE pipe shall be manufactured from resins meeting the requirements of ASTM D3350  
12 with a cell classification of 345464C and a Plastic Pipe Institute (PPI) designation of PE  
13 3408.  
14

15 The pipes shall have a minimum standard dimension ratio (SDR) of 32.5.  
16

17 HDPE pipe shall be joined into a continuous length by an approved joining method.  
18

19 The joints shall not create an increase in the outside diameter of the pipe. The joints shall  
20 be fused, snap together or threaded. The joints shall be water tight, rubber gasketed if  
21 applicable, and pressure testable to the requirements of ASTM D 3212.  
22

23 Joints to be welded by butt fusion, shall meet the requirements of ASTM F 2620 and the  
24 manufacturer's recommendations. Fusion equipment used in the joining procedure shall be  
25 capable of meeting all conditions recommended by the pipe manufacturer, including but not  
26 limited to fusion temperature, alignment, and fusion pressure. All field welds shall be made  
27 with fusion equipment equipped with a Data Logger. Temperature, fusion pressure and a  
28 graphic representation of the fusion cycle shall be part of the Quality Control records.  
29 Electro fusion may be used for field closures as necessary. Joint strength shall be equal or  
30 greater than the tensile strength of the pipe.  
31

32 Fittings shall be manufactured from the same resins and Cell Classification as the pipe  
33 unless specified otherwise in the Plans or Specifications. Butt fusion fittings and Flanged  
34 or Mechanical joint adapters shall have a manufacturing standard of ASTM D3261. Electro  
35 fusion fittings shall have a manufacturing standard of ASTM F1055.  
36

37 HDPE pipe to be used as liner pipe shall meet the requirements of AASHTO M 326 and this  
38 specification.  
39

40 The supplier shall furnish a Manufacturer's Certification of Compliance stating the materials  
41 meet the requirements of ASTM D 3350 with the correct cell classification with the physical  
42 properties listed above. The supplier shall certify the dimensions meet the requirements of  
43 ASTM F 714 or as indicated in this Specification or the Plans.  
44

45 At the time of manufacture, each lot of pipe, liner, and fittings shall be inspected for defects  
46 and tested for Elevated Temperature Sustain Pressure in accordance with ASTM F 714.  
47 The Contractor shall not install any pipe that is more than 2 years old from the date of  
48 manufacture.  
49

50 At the time of delivery, the pipe shall be homogeneous throughout, uniform in color, free of  
51 cracks, holes, foreign materials, blisters, or deleterious faults.  
52

1 Pipe shall be marked at 5 foot intervals or less with a coded number which identifies the  
2 manufacturer, SDR, size, material, machine, and date on which the pipe was  
3 manufactured.  
4

5 14.AP9

6 **SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING**  
7 **April 5, 2010**

8 **9-14.3 Fertilizer**

9 In the first paragraph, the second sentence is revised to read:

10  
11 It may be separate or in a mixture containing the percentage of total nitrogen, available  
12 phosphoric acid, water-soluble potash, or sulfur in the amounts specified.  
13

14 **9-14.4(1) Straw**

15 This section is revised to read:

16  
17 Straw shall be in an air dried condition free of noxious weeds, seeds, and other materials  
18 detrimental to plant life. Hay is not acceptable.  
19

20 All straw material shall be Certified Weed Free Straw using North American Weed  
21 Management Association (NAWMA) standards or the Washington Wilderness Hay and  
22 Mulch (WWHAM) program run by the Washington State Noxious Weed Control Board.  
23 Information can be found at <http://www.nwcb.wa.gov>.  
24

25 In lieu of Certified Weed Free Straw, the Contractor shall provide documentation that the  
26 material is steam or heat treated to kill seeds, or shall provide U.S., Washington, or other  
27 State's Department of Agriculture laboratory test reports, dated within 90 days prior to the  
28 date of application, showing there are no viable seeds in the straw.  
29

30 Straw mulch shall be suitable for spreading with mulch blower equipment.  
31

32 **9-14.4(2) Wood Cellulose Fiber**

33 This section including title is revised to read:

34  
35 **9-14.4(2) Fiber Mulch**

36 All Fiber Mulch materials shall be in a dry condition free of noxious weeds, seeds, and  
37 other materials detrimental to plant life. Fiber Mulch shall be suitable for spreading with a  
38 hydroseeder or mulch blower equipment.  
39

40 This section is supplemented with the following new sub-sections:

41  
42 **9-14.4(2)A Cellulose Fiber Mulch**

43 Cellulose Fiber Mulch shall be recycled (pulp) fiber such as newsprint, magazine stock,  
44 corrugated cardboard, cotton or straw. It shall be free from chemical printing ink,  
45 germination inhibitors, and chlorine bleach and shall contain no rock, metal, and plastic.  
46

47 If Cellulose Fiber Mulch contains cotton or straw, the Contractor shall provide  
48 documentation that the material is steam or heat treated to kill seeds, or shall provide U.S.,  
49 Washington, or other State's Department of Agriculture laboratory test reports, dated within  
50 90 days prior to the date of application, showing there are no viable seeds in the mulch.

1  
2 Cellulose Fiber Mulch shall be manufactured in such a manner that when agitated in slurry  
3 tanks with water, the fibers will become uniformly suspended, without clumping, to form a  
4 homogeneous slurry. When hydraulically applied, the material shall form a strong moisture-  
5 holding mat that allows the continuous absorption and infiltration of water.  
6

7 Cellulose Fiber Mulch shall contain a dye to facilitate placement and inspection of the  
8 material. Dye shall be non-toxic to plants, animals, and aquatic life and shall not stain  
9 concrete or painted surfaces.

10 Cellulose Fiber Mulch furnished by the Contractor shall be pre-packaged by the  
11 manufacturer. The Contractor shall supply independent test results from the National  
12 Transportation Product Evaluation Program (NTPEP) or other accredited, independent  
13 testing laboratory as approved by the Engineer to assure compliance with the minimum  
14 requirements in the following table:  
15  
16

Properties	Test Method	Requirements
Water Holding Capacity	ASTM D 7367	1 000 percent minimum
Organic Matter Content	ASTM D 586*	90 percent minimum
Moisture Content	ASTM D 644*	15 percent maximum
Seed Germination Enhancement	ASTM D 7322*	200 percent minimum
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D 6459 with 0.12-inch average raindrop size. Test in one soil type. Soil tested shall be loam as defined by the National Resources Conservation Service (NRCS) Soil Texture Triangle ***	C Factor = 0.15 maximum using Revised Universal Soil Loss Equation (RUSLE)

17 \* ASTM test methods developed for Rolled Erosion Control Products (RECPs) with the  
18 only modification being that Hydraulic Erosion Control Products (HECPs) are applied  
19 to the test plot.  
20

21 \*\*\*Available at:

22 [http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)  
23

#### 24 **9-14.4(2)B Wood Fiber Mulch**

25 Wood Fiber Mulch shall be thermally processed, defibrated, wood fiber from natural or  
26 recycled wood chips or similar woody material. The wood shall be manufactured to  
27 produce long-strand fibers that physically interlock to form a strong moisture holding mat  
28 that allows the absorption and infiltration of water. Wood Fiber Mulch shall be free from  
29 paper, straw, cotton, jute, hemp, coconut, rock, metal, and plastic.  
30

31 Wood Fiber Mulch shall contain a dye to facilitate placement and inspection of the material.  
32 Dye shall be non-toxic to plants, animals, and aquatic life and shall not stain concrete or  
33 painted surfaces.  
34

35 Wood Fiber Mulch shall be manufactured in such a manner that when agitated in slurry  
36 tanks with water, the fibers will be uniformly suspended to form a homogeneous slurry.  
37

1 Wood Fiber Mulch furnished by the Contractor shall be pre-packaged by the manufacturer.  
 2 The Contractor shall supply independent test results from the National Transportation  
 3 Product Evaluation Program (NTPEP) or other accredited, independent testing laboratory  
 4 as approved by the Engineer to assure compliance with the minimum requirements in the  
 5 following table:  
 6

Properties	Test Method	Requirements
Long Strand Fibers	WSDOT Test Method T 126	A minimum of 50% of the fiber, by mass, is collected on the combination of No. 8, No. 16, and No. 24 sieves
Water Holding Capacity	ASTM D 7367	1,300 percent minimum
Organic Matter Content	ASTM D 586*	90 percent minimum
Moisture Content	ASTM D 644*	15 percent maximum
Seed Germination Enhancement	ASTM D 7322*	800 percent minimum
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D 6459 with 0.12-inch average raindrop size. Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle ***	C Factor = 0.15 maximum using Revised Universal Soil Loss Equation (RUSLE)

7 \* ASTM test methods developed for Rolled Erosion Control Products (RECPs) with the  
 8 only modification being that Hydraulic Erosion Control Products (HECPs) are applied  
 9 to the test plot.

10 \*\*\*Available at:

11 [http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)  
 12  
 13

14 **9-14.4(3) Bark or Wood Chips**

15 The first paragraph is revised to read:

16  
 17 Bark or wood chip mulch shall be derived from Douglas fir, pine, or hemlock species and  
 18 shall not contain resin, tannin, or other compounds in quantities that would be detrimental  
 19 to plant life. Sawdust shall not be used as mulch.

20  
 21 This section is supplemented with the following:

22  
 23 Bark or wood chips when tested shall be according to WSDOT Test Method T 123 prior to  
 24 placement and shall meet the following loose volume gradation:  
 25

Sieve Size	Percent Passing	
	Minimum	Maximum
2"	95	100
No. 4	0	30

26  
 27  
 28 **9-14.4(4) Wood Strand Mulch**

29 This first paragraph is revised to read:

1  
2 Wood strand mulch shall be a blend of angular, loose, long, thin wood pieces that are  
3 frayed, with a high length-to-width ratio and shall be derived from native conifer or  
4 deciduous trees. A minimum of 95 percent of the wood strand shall have lengths between  
5 2 and 10-inches. At least 5 percent of the length of each strand shall have a width and  
6 thickness between 1/16 and 1/2-inch. No single strand shall have a width or thickness greater  
7 than 1/2-inch.

8  
9 The mulch shall not contain salt, preservatives, glue, resin, tannin, or other compounds in  
10 quantities that would be detrimental to plant life. Sawdust or wood chips or shavings shall  
11 not be acceptable. Products shall be tested according to WSDOT Test Method 125 prior to  
12 acceptance.

#### 13 14 **9-14.4(6) Gypsum**

15 This section is revised to read:

16  
17 Gypsum shall consist of Calcium Sulfate (CaSO<sub>4</sub>·2H<sub>2</sub>O) in a pelletized or granular form.  
18 100 percent shall pass through a No. 8 sieve.

#### 19 20 **9-14.4(7) Tackifier**

21 This section is revised to read:

22  
23 Tackifiers are used as a tie-down for soil, compost, seed, and/or mulch. Tackifier shall  
24 contain no growth or germination inhibiting materials, and shall not reduce infiltration rates.  
25 Tackifier shall hydrate in water and readily blend with other slurry materials.

26  
27 All tackifiers shall meet the following requirements:

28

Properties	Test Method	Requirements
Viscosity*	ASTM D 2364	4000 cPs minimum

29  
30 \*Testing shall be performed by an accredited independent laboratory.

31  
32 This section is supplemented with the following new sub-sections:

#### 33 34 **9-14.4(7)A Organic Tackifier**

35 Organic tackifier shall be derived from natural plant sources and shall have an MSDS that  
36 demonstrates to the satisfaction of the Engineer that the product is not harmful to plants,  
37 animals, and aquatic life.

#### 38 39 **9-14.4(7)B Synthetic Tackifier**

40 Synthetic tackifier shall have an MSDS that demonstrates to the satisfaction of the  
41 Engineer that the product is not harmful to plants, animals, and aquatic life.

#### 42 43 **9-14.4(8) Compost**

44 In the third paragraph, number 1. is revised to read:

- 45  
46 1. Compost material shall be tested in accordance with U.S. Composting Council Testing  
47 Methods for the Examination of Compost and Composting (TMECC) 02.02-B, "Sample  
48 Sieving for Aggregate Size Classification".  
49 Fine Compost shall meet the following gradation:

Sieve Size	Percent Passing	
	Minimum	Maximum
2"	100	
1"	95	100
5/8"	90	100
1/4"	75	100

Maximum particle length of 6-inches.

Medium Compost shall meet the following gradation:

Sieve Size	Percent Passing	
	Minimum	Maximum
2"	100	
1"	95	100
5/8"	90	100
1/4"	75	85

Maximum particle length of 6-inches.

Medium Compost shall have a Carbon to Nitrogen ratio (C:N) between 18:1 and 30:1. The Carbon to Nitrogen ratio shall be calculated using the dry weight of "Organic Carbon" using TMECC 04.01A divided by the dry weight of "Total N" using TMECC 04.02D.

Coarse Compost shall meet the following gradation:

Sieve Size	Percent Passing	
	Minimum	Maximum
3"	100	
1"	90	100
3/4"	70	100
1/4"	40	60

Maximum particle length of 6-inches.

In number 8. of the third paragraph, the reference to "manufacturer" is revised to read "Contractor".

#### **9-14.4(8)A Compost Approval**

This sections title is revised to read:

#### **9-14.4(8)A Compost Submittal Requirements**

The first sentence is revised to read:

The Contractor shall submit the following information to the Engineer for approval:

Number 1. is revised to read:

1. The Qualified Products List printed page or a Request for Approval of Material (DOT Form 350-071EF).

In number 3., the reference to "manufacturer" is revised to read "Contractor" and the reference to "analyses" is revised to read "analysis".

1 **9-14.4(8)B Compost Acceptance**

2 This section is revised to read:

3  
4 Fourteen days prior to application, the Contractor shall submit a sample of the compost  
5 approved for use, and a STA test report dated within 90 calendar days of the application,  
6 and the list of feed stocks by volume for each compost type to the Engineer for review.

7  
8 The Contractor shall use only compost that has been tested within 90 calendar days of  
9 application and meets the requirements in Section 9-14.4(8). Compost not conforming to  
10 the above requirements or taken from a source other than those tested and accepted shall  
11 not be used.

12  
13 **9-14.4(9) Bonded Fiber Matrix (BFM)**

14 This section is revised to read:

15  
16 Bonded Fiber Matrix (BFM) shall be a hydraulically-applied blanket/mulch/matrix comprised  
17 of biodegradable, thermally processed, defibrated, long strand fibers from natural or  
18 recycled wood chips or similar woody material, weed free straw, cotton, coconut, jute,  
19 and/or hemp. The fibers shall physically interlock to form a strong moisture holding mat  
20 that allows the absorption and infiltration of water. BFM shall be free from rock, metal, or  
21 plastic. It shall contain no more than 15 percent recycled paper and meets the  
22 requirements in Section 9-14.4(2)A.

23  
24 The BFM shall be manufactured in such a manner that when agitated in slurry tanks with  
25 water, the fibers will be uniformly suspended to form a homogeneous slurry.

26  
27 Within 48 hours the BFM shall bond with the soil surface to create a continuous, absorbent,  
28 flexible erosion resistant blanket that allows for seed germination and plant growth.

29  
30 BFM shall contain a dye to facilitate placement and inspection of the material. Dye shall be  
31 non-toxic to plants, animal, and aquatic life and shall not stain concrete or painted surfaces.

32  
33 BFM shall be furnished premixed by the manufacturer. The BFM shall be furnished with an  
34 MSDS that demonstrates to the satisfaction of the Engineer that the product is not harmful  
35 to plants, animals, and aquatic life. Under no circumstances will field mixing of additives or  
36 components be acceptable.

37  
38 The Contractor shall supply independent test results from the National Transportation  
39 Product Evaluation Program (NTPEP) or other accredited independent testing laboratory as  
40 approved by the Engineer to assure compliance with the minimum requirements in the  
41 following table:  
42

Properties	Test Method	Requirements
Long Strand Fibers	WSDOT Test Method T 126	A minimum of 50% of the fiber, by mass, is collected on the combination of No. 8, No. 16, and No. 24 sieves
Tackifier, Type A or Type B	See Section 9-14.4(7)A	Minimum 10 percent by weight of a cross-linked, polysaccharide, hydro-colloid tackifier
Water Holding Capacity	ASTM D 7367	1,300 percent minimum
Organic Matter Content	ASTM D 586*	90 percent minimum
Moisture Content	ASTM D 644*	15 percent maximum
Seed Germination Enhancement	ASTM D 7322*	500 percent minimum
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D 6459 with 0.12-inch average raindrop size.** Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle ***	C Factor = 0.10 maximum using Revised Universal Soil Loss Equation (RUSLE)
Thickness	ASTM D 6525*	0.10-inch minimum
Ground Cover	ASTM D 6567*	97 percent minimum
Mass Per Unit Area	ASTM D 6566*	10.0 oz/yd <sup>2</sup> minimum

\* ASTM test methods developed for Rolled Erosion Control Products (RECPs) with the only modification being that Hydraulic Erosion Control Products (HECPs) are applied to the test plot.

\*\* Utah State Protocol of 2.5:1 slope with rainfall simulated at 5-inches per hour for 60 minute duration, or TTI Protocol of 2:1 slope with rainfall simulated at 3.5-inches per hour with three successive test durations of 30 minutes each test in 24 hour intervals may be substituted.

\*\*\* Available at:  
[http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)

#### 9-14.4(10) Mechanically Bonded Fiber Matrix (MBFM)

This section including title is revised to read:

#### 9-14.4(10) Mechanically Bonded Fiber Matrix (MBFM) or Fiber Reinforced Matrix (FRM)

The MBFM/FRM shall be a hydraulically-applied blanket/mulch/matrix comprised of biodegradable, thermally processed, defibrated, long-strand fibers from natural or recycled wood chips or similar woody material, straw, coconut, jute, and/or hemp. The MBFM/FRM shall contain a minimum of 5% by weight of biodegradable or photodegradable polyfibers that are bent in multiple locations on each strand and that physically interlock with the wood fibers to form a strong moisture holding mat that allows the absorption and infiltration of water. The MBFM/FRM shall contain a cross-linked polysaccharide tackifier. MBFM/FRM shall be free from paper, rock, metal, and plastic.

1 MBFM/FRM shall be manufactured in such a manner that when agitated in slurry tanks with  
 2 water, the fibers will be uniformly suspended to form a homogeneous slurry.

3  
 4 The MBFM/FRM shall require no curing period upon application, and shall bond with the  
 5 soil surface to create a continuous, porous, absorbent, and flexible erosion resistant  
 6 blanket that allows for seed germination and plant growth.

7  
 8 MBFM/FRM shall be furnished premixed by the manufacturer. The MBFM/FRM shall be  
 9 furnished with an MSDS that demonstrates to the satisfaction of the Engineer that the  
 10 product is not harmful to plants, animals, and aquatic life. Under no circumstances will field  
 11 mixing of additives or components be acceptable.

12  
 13 The Contractor shall supply independent test results from the National Transportation  
 14 Product Evaluation Program (NTPEP) or other accredited independent testing laboratory as  
 15 approved by the Engineer to assure compliance with the minimum requirements in the  
 16 following table:  
 17

Properties	Test Method	Requirements
Long Strand Fibers	WSDOT Test Method T 126	A minimum of 50% of the fiber, by mass, is collected on the combination of No. 8, No. 16, and No. 24 sieves
Tackifier, Type A or Type B	See Section 9-14.4(7)A	Minimum 10 percent by weight of a cross-linked, polysaccharide, hydro-colloid tackifier
Water Holding Capacity	ASTM D 7367	1,500 percent minimum
Organic Matter Content	ASTM D 586*	90 percent minimum
Moisture Content	ASTM D 644*	15 percent maximum
Seed Germination Enhancement	ASTM D 7322*	500 percent minimum
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D 6459 with 0.12-inch average raindrop size.** Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle ***	C Factor = 0.05 maximum using Revised Universal Soil Loss Equation (RUSLE)
Thickness	ASTM D 6525*	0.15-inch minimum
Ground Cover	ASTM D 6567*	98 percent minimum
Mass Per Unit Area	ASTM D 6566*	11.0 oz/yd <sup>2</sup> minimum

18 \* ASTM test methods developed for Rolled Erosion Control Products (RECPs) with the  
 19 only modification being that Hydraulic Erosion Control Products (HECPs) are applied  
 20 to the test plot.

21 \*\* Utah State Protocol of 2.5:1 slope with rainfall simulated at 5-inches per hour for 60  
 22 minute duration, or TTI Protocol of 2:1 slope with rainfall simulated at 3.5-inches per  
 23 hour with three successive test durations of 30 minutes each test in 24 hour intervals  
 24 may be substituted.

25 \*\*\* Available at:

26 [http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)

1  
2  
3 **9-14.5(1) Polyacrylamide (PAM)**

4 The third and fourth sentences are revised to read:

5  
6 The minimum average molecular weight shall be greater than 5 mg/mole and minimum 30  
7 percent charge density. The product shall contain at least 80 percent active ingredients and  
8 have a moisture content not exceeding 10 percent by weight.

9  
10 This section is supplemented with the following:

11 PAM shall be delivered in a dry granular or powder form.

12  
13  
14 **9-14.5(2) Erosion Control Blanket**

15 This section is revised to read:

16  
17 Temporary erosion control blanket shall be made of natural plant fibers and meet the  
18 following requirements:  
19

Properties	ASTM Test Method	Requirements
Protecting Slopes from Rainfall-Induced Erosion	D 6459 with 0.12-inch average raindrop size.* Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle**	Maximum C factor of 0.15 using Revised Universal Soil Loss Equation (RUSLE)
Dry Weight per Unit Area	D 6475	0.36 lb/sq. yd. minimum
Performance in Protecting Earthen Channels from Stormwater-Induced Erosion	D 6460 Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle**	1.0 lb/sq. ft. minimum
Seed Germination Enhancement	D 7322*	200 percent minimum

20 Netting, if present, shall be biodegradable with a life span not to exceed one year.

21  
22 \* Utah State Protocol of 2.5:1 slope with rainfall simulated at 5-inches per hour for 60  
23 minute duration, or TTI Protocol of 2:1 slope with rainfall simulated at 3.5-inches per  
24 hour with three successive test durations of 30 minutes each test in 24 hour intervals  
25 may be substituted.

26  
27 \*\* Available at:

28 [http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)

29  
30 Permanent erosion control blanket or turf reinforcing mat shall consist of UV stabilized  
31 fibers, filaments, or netting and shall meet the following requirements:

Properties	ASTM Test Method	Requirements
UV Stability	D 4355	Minimum 80 percent strength retained after 500 hours in a xenon arc device
Protecting Slopes from Rainfall-Induced Erosion	D 6459 with 0.12-inch average raindrop size.* Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle **	Maximum C factor of 0.15 using Revised Universal Soil Loss Equation (RUSLE)
Dry Weight per Unit Area	D 6475	0.50 lb/sq. yd. minimum
Performance in Protecting Earthen Channels from Stormwater-Induced Erosion	D 6460 Test in one soil type. Soil tested shall be loam as defined by the NRCS Soil Texture Triangle**	2.0 lb/sq. ft. minimum
Seed Germination Enhancement	D 7322	200 percent minimum

\* Utah State Protocol of 2.5:1 slope with rainfall simulated at 5-inches per hour for 60 minute duration, or TTI Protocol of 2:1 slope with rainfall simulated at 3.5-inches per hour with three successive test durations of 30 minutes each test in 24 hour intervals may be substituted.

\*\* Available at:

[http://soils.usda.gov/education/resources/lessons/texture/textural\\_tri\\_hi.jpg](http://soils.usda.gov/education/resources/lessons/texture/textural_tri_hi.jpg)

This section is supplemented with the following new sub-section:

#### **9-14.5(2)A Erosion Control Blanket Approval**

The Contractor shall select Erosion Control Blanket products that bear the Quality and Data Oversight and Review (QDOR) seal from the Erosion Control and Technology Council (ECTC). All materials selected shall be currently listed on the QDOR products list available at <http://www.ectc.org/gdor>.

#### **9-14.5(4) Geotextile - Encased Check Dam**

In the second paragraph, the second and third sentences are revised to read:

The geotextile material shall overhang the foam by at least 6-inches at each end, and shall have apron type flaps that extend a minimum of 24-inches on each side of the check dam. The geotextile material shall meet the requirements for Temporary Silt Fence in Section 9-33.

#### **9-14.5(5) Wattles**

This section is revised to read:

Wattles shall consist of cylinders of biodegradable plant material such as straw, coir, compost, wood chips, excelsior, or wood fiber or shavings encased within biodegradable netting. Wattles shall be a minimum of 5-inches in diameter. Netting material shall be clean, evenly woven, and free of encrusted concrete or other contaminating materials such as preservatives. Netting material shall be free from cuts, tears, or weak places and shall have a minimum lifespan of 6 months.

1  
2 Compost filler shall be Coarse Compost and shall meet the material requirements as  
3 specified in Section 9-14.4(8). If wood chips are used they shall meet the material  
4 requirements as specified in Section 9-14.4(3). If wood shavings are used, 80 percent of  
5 the fibers shall have a minimum length of 6-inches between 0.030 and 0.50-inches wide,  
6 and between 0.017 and 0.13-inches thick.  
7

#### 8 **9-14.5(6) Compost Sock**

9 This section is revised to read:

10  
11 Compost socks shall consist of extra heavy weight biodegradable fabric, with a minimum  
12 strand thickness of 5 mils. The fabric shall be filled with Coarse Compost. Compost Socks  
13 shall be at least 8-inches in diameter. The fabric shall be clean, evenly woven, and free of  
14 encrusted concrete or other contaminating materials and shall be free from cuts, tears,  
15 broken or missing yarns, and be free of thin, open, or weak areas and shall be free of any  
16 type of preservative.  
17

18 Coarse Compost filler shall meet the material requirements as specified in Section 9-  
19 14.4(8).  
20

21 Wood stakes for compost socks shall be made from untreated Douglas fir, hemlock, or pine  
22 species. Wood stakes shall be 2-inch by 2-inch nominal dimension and 36-inches in length,  
23

#### 24 **9-14.5(7) Coir Log**

25 This section is revised to read:

26  
27 Coir logs shall be made of 100 percent durable coconut (coir) fiber uniformly compacted  
28 within woven netting made of bristle coir twine with minimum strength of 80 lbs tensile  
29 strength. The netting shall have nominal 2-inch by 2-inch openings. Log segments shall  
30 have a maximum length of 20 feet, with a minimum diameter as shown in the Plans. Logs  
31 shall have a minimum density of 7 lbs/cf.  
32

33 Stakes shall be untreated Douglas fir, hemlock, or pine species. Wood stakes shall have a  
34 notch to secure the rope ties. Rope ties shall be of ¼-inch diameter commercially available  
35 hemp rope.  
36

#### 37 **9-14.6(1) Description**

38 The fourth paragraph is revised to read:

39  
40 Cuttings are live plant material without a previously developed root system. Source plants  
41 for cuttings shall be dormant when cuttings are taken. All cuts shall be made with a sharp  
42 instrument. Cuttings may be collected. If cuttings are collected, the requirement to be  
43 nursery grown or held in nursery conditions does not apply. Written permission shall be  
44 obtained from property owners and provided to the Engineer before cuttings are collected.  
45 The Contractor shall collect cuttings in accordance with applicable sensitive area  
46 ordinances. Cuttings shall meet the following requirements:  
47

- 48 A. Live branch cuttings shall have flexible top growth with terminal buds and may  
49 have side branches. The rooting end shall be cut at an approximate 45 degree  
50 angle.  
51  
52 B. Live stake cuttings shall have a straight top cut immediately above a bud. The  
53 lower, rooting end shall be cut at an approximate 45 degree angle. Live stakes are  
54 cut from one to two year old wood. Live stake cuttings shall be cut and installed

1 with the bark intact with no branches or stems attached, and be ½ to 1½-inch in  
2 diameter.

- 3  
4 C. Live pole cuttings shall have a minimum 2-inch diameter and no more than three  
5 branches which shall be pruned back to the first bud from the main stem.  
6

7 Rhizomes shall be a prostrate or subterranean stem, usually rooting at the nodes and  
8 becoming erect at the apex. Rhizomes shall have a minimum of two growth points. Tubers  
9 shall be a thickened and short subterranean branch having numerous buds or eyes.

10  
11 **9-14.6(2) Quality**

12 The first paragraph is revised to read:

13  
14 At the time of delivery all plant material furnished shall meet the grades established by the  
15 latest edition of the American Standard for Nursery Stock, (ASNS) ANSI Z60.1 and shall  
16 conform to the size and acceptable conditions as listed in the Contract, and shall be free of  
17 all foreign plant material.  
18

19 The third paragraph is revised to read:

20  
21 All plant material shall be purchased from a nursery licensed to produce plants for sale in  
22 Washington State.  
23

24 This section is supplemented with the following new paragraph:

25  
26 All nurseries and nursery vendors must have a business license issued by the Washington  
27 State Department of Licensing with a "Nursery" endorsement. Upon request, the  
28 Contractor shall furnish the Engineer with copies of the applicable licenses and  
29 endorsements.  
30

31 **9-14.6(3) Handling and Shipping**

32 Item numbers 8 and 9 are revised to read:

- 33  
34 8. Size. (Height, runner length, caliper, etc. as required.)  
35  
36 9. Signature of shipper by authorized representative.  
37

38 Item numbers 10 and 11 are deleted.  
39

40 **9-14.6(7) Temporary Storage**

41 The first paragraph is revised to read:

42  
43 Plants stored under temporary conditions prior to installation shall be the responsibility of  
44 the Contractor.  
45

46 16.AP9

47 **SECTION 9-16, FENCE AND GUARDRAIL**

48 **January 4, 2010**

49 **9-16.3(2) Posts and Blocks**

50 The first sentence in the second paragraph is revised to read:

1  
2 Timber posts and blocks shall conform to the grade specified in Section 9-09.2.  
3

4 22.AP9

5 **SECTION 9-22, MONUMENT CASES**  
6 **January 4, 2010**

7 **9-22.1 Monument Cases, Covers, and Risers**

8 In the first sentence, "Class 30B" is revised to read "Class 35B".  
9

10 30.AP9

11 **SECTION 9-30, WATER DISTRIBUTION MATERIALS**  
12 **January 4, 2010**

13 **9-30.1(1) Ductile Iron Pipe**

14 In the first paragraph, number 1. and 2. are revised to read:  
15

- 16 1. Ductile iron pipe shall meet the requirements of AWWA C151. Ductile iron pipe shall  
17 have a cement mortar lining, and a 1 mil thick seal coat meeting the requirements of  
18 AWWA C104. Ductile iron pipe to be joined using bolted flanged joints shall be Special  
19 Thickness Class 53. All other ductile iron pipe shall be Special Thickness Class 50,  
20 minimum Pressure Class 350, or the class indicated on the Plans or in the Special  
21 Provisions.  
22
- 23 2. Nonrestrained joints shall be either rubber gasket type, push on type, or mechanical  
24 type meeting the requirements of AWWA C111.  
25

26 **9-30.1(2) Polyethylene Encasement**

27 This section is revised to read:  
28

29 Polyethylene encasement shall be tube-form, high density cross-laminated polyethylene  
30 film, or linear low density polyethylene film, meeting the requirements of ANSI/AWWA  
31 C105. Color shall be natural or black.  
32  
33

1 **SPECIAL PROVISIONS**

2  
3 **INTRODUCTION**

4 The following Special Provisions are made a part of this contract and supersede any conflicting  
5 provisions of the 2010 Standard Specifications for Road, Bridge and Municipal Construction,  
6 and the foregoing Amendments to the Standard Specifications.

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

- 10
- 11 (date) General Special Provision
- 12 (\*\*\*\*\*) Notes a revision to a General Special Provision
- 13 and also notes a Project Specific Special Provision.
- 14 (Regions1 date) Region Special Provision
- 15 (BSP date) Bridges and Structures Special Provision
- 16

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

20  
21 **Region Special Provisions** are commonly applicable within the designated Region. Region  
22 designations are as follows:

- 23
- 24 Regions1
- 25 ER Eastern Region
- 26 NCR North Central Region
- 27 NWR Northwest Region
- 28 OR Olympic Region
- 29 SCR South Central Region
- 30 SWR Southwest Region
- 31
- 32 WSF Washington State Ferries Division
- 33

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

37  
38 **Project Specific Special Provisions** normally appear only in the contract for which they were  
39 developed.

40  
41 **DIVISION 1 GENERAL REQUIREMENTS**

42  
43 **DEFINITIONS AND TERMS**

44  
45 **1-01.3 Definitions**

46 This Section is supplemented with the following:

47  
48 (\*\*\*\*\*)  
49 The venue of all causes of action arising from the advertisement, award, execution, and  
50 performance of the contract shall be in the Superior Court of Grant County, Washington.

51  
52 All references to "State" or "State of Washington" are changed to "Grant County,  
53 Washington".

1  
2 All references to "Commission", "Secretary of Transportation", or "Washington State  
3 Transportation Commission", are changed to "Board of County Commissioners, Grant  
4 County, Washington".

5  
6 All references to "Department", or "Department of Transportation" are changed to  
7 "Department of Public Works, Grant County, Washington".

8  
9 All references to "Superior Court of Thurston County, Washington" are changed to  
10 "Superior Court of Grant County, Washington".

## 11 **DESCRIPTION OF WORK**

12  
13  
14 (\*\*\*\*\*)

15 This contract provides for the reconstruction of 0.99 miles of two lane county road in Grant  
16 County, WA, and includes roadway excavation, embankment compaction, drainage items,  
17 crushed surfacing base course and top course, hot mix asphalt, guardrail, paint striping,  
18 permanent signing, seeding and fertilizing, and other work in accordance with the plans and  
19 specifications.

## 20 **BID PROCEDURES AND CONDITIONS**

### 21 **1-02.1 Prequalification of Bidders**

22  
23 Delete this Section and replace it with the following:

#### 24 1-02.1 Qualifications of Bidder

25  
26  
27 (\*\*\*\*\*)

28 Bidders must meet the minimum qualifications of RCW 39.04.350(1), as amended:

29  
30  
31 Before award of a public works contractor, a bidder must meet the following  
32 responsibility criteria to be considered a responsible bidder and qualified to be awarded  
33 a public works project. The bidder must:

- 34  
35 (a) At the time of bid submittal, have a certificate of registration in compliance with  
36 chapter 18.27 RCW;
- 37 (b) Have a current state unified business identifier number;
- 38 (c) If applicable, have industrial insurance coverage for the bidder's employees working  
39 in Washington as required in Title 51 RCW; an employment security department  
40 number as required in Title 50 RCW; and a state excise tax registration number as  
41 required in Title 82 RCW; and
- 42 (d) Not be disqualified from bidding on any public works contract under RCW 39.06.010  
43 or 39.12.065(3).
- 44 (e) Bidders shall be qualified by experience, financing, equipment, and organization to  
45 do the work called for in the Contract Documents. The Contracting Agency reserves  
46 the right to take whatever action it deems necessary to ascertain the ability of the  
47 bidder to perform the work satisfactorily. The Contracting Agency's actions may  
48 include a pre-qualification procedure prior to the bidder being furnished a proposal  
49 form on any contract, or a pre-award survey of the bidder's qualifications prior to  
50 award.

### 51 **Public Opening Of Proposal**

52 Section 1-02.12 is supplemented with the following:  
53

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

3 *Date Of Opening Bid*

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

5  
6 The Office of the Board of County Commissioners, Grant County Courthouse, Room  
7 207, 35 C St. NW, P.O. Box 37, Ephrata, WA 98823

8  
9 The bid opening date for this project is **July 13, 2010**. Bids received will be publicly  
10 opened and read after **1:30 P.M.** on this date.

11  
12 **1-02.13 Irregular Proposals**

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

14  
15 Revise item 1 to read:

- 16  
17 1. A proposal will be considered irregular and will be rejected if:
- 18 a. The bidder is not prequalified when so required;
  - 19 b. The authorized proposal form furnished by the Contracting Agency is not  
20 used or is altered;
  - 21 c. The completed proposal form contains any unauthorized additions,  
22 deletions, alternate bids, or conditions;
  - 23 d. The bidder adds provisions reserving the right to reject or accept the  
24 award, or enter into the contract;
  - 25 e. A price per unit cannot be determined from the bid proposal;
  - 26 f. The proposal form is not properly executed;
  - 27 g. The bidder fails to submit or properly complete a subcontractor list, if  
28 applicable, as required in Section 1 02.6.
  - 29 h. The bidder fails to submit or properly complete a Disadvantaged, Minority  
30 or Women's Business Enterprise Certification, if applicable, as required in  
31 Section 1-02.6; or
  - 32 i. The bid proposal does not constitute a definite and unqualified offer to  
33 meet the material terms of the bid invitation.
  - 34 j. More than one proposal is submitted for the same project from a Bidder  
35 under the same or different names.

36  
37 **1-02.14 Disqualification of Bidders**

38 (*March 25, 2009 APWA GSP, Option B*)

39  
40 Delete this Section and replace it with the following:

41  
42 A Bidder will be deemed not responsible if:

- 43 1. the Bidder does not meet the mandatory bidder responsibility criteria in  
44 RCW 39.04.350(1), as amended; or
- 45 2. evidence of collusion exists with any other Bidder or potential Bidder.  
46 Participants in collusion will be restricted from submitting further bids; or
- 47 3. the Bidder, in the opinion of the Contracting Agency, is not qualified for  
48 the work or to the full extent of the bid, or to the extent that the bid  
49 exceeds the authorized prequalification amount as may have been  
50 determined by a prequalification of the Bidder; or
- 51 4. an unsatisfactory performance record exists based on past or current  
52 Contracting Agency work or for work done for others, as judged from the  
53 standpoint of conduct of the work; workmanship; or progress; affirmative

- 1 action; equal employment opportunity practices; termination for cause; or
- 2 Disadvantaged Business Enterprise, Minority Business Enterprise, or
- 3 Women's Business Enterprise utilization; or
- 4 5. there is uncompleted work (Contracting Agency or otherwise), which in
- 5 the opinion of the Contracting Agency might hinder or prevent the prompt
- 6 completion of the work bid upon; or
- 7 6. the Bidder failed to settle bills for labor or materials on past or current
- 8 contracts, unless there are extenuating circumstances acceptable to the
- 9 Contracting Agency; or
- 10 7. the Bidder has failed to complete a written public contract or has been
- 11 convicted of a crime arising from a previous public contract, unless there
- 12 are extenuating circumstances acceptable to the Contracting Agency; or
- 13 8. the Bidder is unable, financially or otherwise, to perform the work, in the
- 14 opinion of the Contracting Agency; or
- 15 9. there are any other reasons deemed proper by the Contracting Agency.
- 16

17 As evidence that the Bidder meets the bidder responsibility criteria above, the apparent  
18 two lowest Bidders must submit to the Contracting Agency within 24 hours of the bid  
19 submittal deadline, documentation (sufficient in the sole judgment of the Contracting  
20 Agency) demonstrating compliance with all applicable responsibility criteria, including all  
21 documentation specifically listed in the supplemental criteria. The Contracting Agency  
22 reserves the right to request such documentation from other Bidders as well, and to  
23 request further documentation as needed to assess bidder responsibility.

24  
25 The basis for evaluation of Bidder compliance with these supplemental criteria shall be  
26 any documents or facts obtained by Contracting Agency (whether from the Bidder or  
27 third parties) which any reasonable owner would rely on for determining such  
28 compliance, including but not limited to: (i) financial, historical, or operational data from  
29 the Bidder; (ii) information obtained directly by the Contracting Agency from owners for  
30 whom the Bidder has worked, or other public agencies or private enterprises; and (iii)  
31 any additional information obtained by the Contracting Agency which is believed to be  
32 relevant to the matter.

33  
34 If the Contracting Agency determines the Bidder does not meet the bidder responsibility  
35 criteria above and is therefore not a responsible Bidder, the Contracting Agency shall  
36 notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees  
37 with this determination, it may appeal the determination within 24 hours of receipt of the  
38 Contracting Agency's determination by presenting its appeal to the Contracting Agency.  
39 The Contracting Agency will consider the appeal before issuing its final determination. If  
40 the final determination affirms that the Bidder is not responsible, the Contracting Agency  
41 will not execute a contract with any other Bidder until at least two business days after the  
42 Bidder determined to be not responsible has received the final determination.

## 43 44 **CONTROL OF WORK**

### 45 46 **1-05.13 Superintendents, Labor and Equipment of Contractor** 47 (May 25, 2006 APWA GSP)

48  
49 Revise the seventh paragraph to read:

50  
51 Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to  
52 Section 1-02.1, it will take these performance reports into account.

53  
54 **(March 13, 1995)**

1 **Cooperation With Other Contractors**

2 Section 1-05.14 is supplemented with the following:

3  
4 *Other Contracts Or Other Work*

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

- 8
- 9 1. Utility relocations and/or normal maintenance work by telephone and
- 10 power companies.
- 11 2. Normal maintenance work by Grant County Road crews.
- 12 3. Normal maintenance work by irrigation district crews.
- 13

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

15  
16 **State Taxes**

17 Section 1-07.2 is supplemented with the following:

18  
19 (March 13, 1995)

20 The work on this contract is to be performed upon lands whose ownership obligates the  
21 Contractor to pay Sales tax. The provisions of Section 1-07.2(1) apply.

22  
23 **Permits and Licenses**

24 Section 1-07.6 is supplemented with the following:

25  
26 (March 13, 1995)

27 No hydraulic permits are required for this project unless the Contractor's operations use,  
28 divert, obstruct, or change the natural flow or bed of any river or stream, or utilize any of  
29 the waters of the State or materials from gravel or sand bars, or from stream beds.

30  
31 **Load Limits**

32 Section 1-07.7 is supplemented with the following:

33  
34 (March 13, 1995)

35 Whenever the Contractor obtains materials from a source other than that provided by the  
36 Contracting Agency, or provides a source for materials not designated to come from a  
37 source provided by the State and the location of the source necessitates hauling on  
38 other than State Highways, the Contractor shall, at the Contractor's expense, make all  
39 arrangements for the use of the haul routes.

40  
41 **Contractor's Responsibility for Work**

42  
43 (August 6, 2001)

44 **Repair of Damage**

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

46  
47 The Contractor shall promptly repair all damage to either temporary or permanent work  
48 as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1),  
49 1-07.13(2), or 1-07.13(3), payment will be made in accordance with Section 1-04.4.  
50 Payment will be limited to repair of damaged work only. No payment will be made for  
51 delay or disruption of work.

52  
53 **Protection and Restoration of Property**

1 Section 1-07.16 is supplemented with the following:

2  
3 (\*\*\*\*\*)

4 **Notification**

5 The Contractor shall distribute a special notice to each project resident before beginning  
6 work. Project resident means any person, company, or public agency having a driveway  
7 inside the project limits, within one mile of the project limits, or having a driveway or  
8 access on a dead-end road within the project limits. The special notice shall contain the  
9 following information and statements:

- 10
- 11 • Date of the notice.
  - 12 • Project name, termini, and a description of the major phases of the work.
  - 13 • Name of Contractor, Contractor's representative and 24 hour phone number.
  - 14 • Scheduled project start and completion dates.
  - 15 • Available detour routes.
  - 16 • One-way traffic will be maintained during each working day.
  - 17 • Two-way traffic will be restored at the end of each working day.
  - 18 • All plants, trees, shrubs, gardens, sprinklers or structures within the limits of  
19 construction will be removed. Residents are to be advised to remove such  
20 property before work begins.
  - 21 • Driveways will be restored to useable conditions at the end of each working day,  
22 without exception.
  - 23 • Mail service interruptions or relocations. Statement that the Contractor will  
24 remove, temporarily relocate, and eventually reinstall mail receptacles.  
25 Statement that mailboxes, posts, etc. damaged by the Contractor will be  
26 replaced and installed at no charge to the resident.
  - 27 • Possible problems with power, telephone, potable water, sewer, irrigation supply  
28 relocations and/or interruptions, if any.
  - 29 • Temporary fencing requirements for livestock, if any.
  - 30 • Residents are responsible for driveway culvert maintenance.
  - 31 • Request to irrigators to eliminate water on the roadway and in the borrow ditches  
32 per Grant County Ordinance.
- 33

34 The Contractor must notify all affected Grant County agencies of the date and  
35 anticipated length of all road closures, including school districts, fire districts, Multi-  
36 Agency Communications Center (509) 762-1901, Sheriff's Dept. (509) 754-2011,  
37 Emergency Management (509) 762-1462, and U.S. Postal Service offices.

38  
39 The Contractor must place a "Notice of Road Construction" in the legal newspaper of  
40 Grant County. All notices must be provided a minimum of three (3) working days prior to  
41 beginning work. The County will not allow any work to be performed until the required  
42 notices are made by the Contractor.

43  
44 (\*\*\*\*\*)

45 **Payment**

46 The lump sum contract price for "Notification" shall be full compensation for all labor,  
47 equipment, materials, and tools necessary to perform the work outlined in this  
48 supplemental section.

49  
50 **Utilities And Similar Facilities**

51 Section 1-07.17 is supplemented with the following:

52  
53 (\*\*\*\*\*)

1 Locations and dimensions shown in the Plans for existing facilities are in accordance  
2 with available information obtained without uncovering, measuring, or other verification.  
3

4 Public and private utilities, or their Contractors, will furnish all work necessary to adjust,  
5 relocate, replace, or construct their facilities unless otherwise provided for in the Plans or  
6 these Special Provisions. Such adjustment, relocation, replacement, or construction will  
7 be done during the prosecution of the work for this project.  
8

9 The Contractor shall call the Utility Location Request Center (One Call Center), for field  
10 location, not less than two nor more than ten business days before the scheduled date  
11 for commencement of excavation which may affect underground utility facilities, unless  
12 otherwise agreed upon by the parties involved. A business day is defined as any day  
13 other than Saturday, Sunday, or a legal local, State, or Federal holiday. The telephone  
14 number for the One Call Center for this project is 1-800-424-5555. If no one-number  
15 locator service is available, notice shall be provided individually to those owners known  
16 to or suspected of having underground facilities within the area of proposed excavation.  
17

18 The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating to  
19 underground utilities. Any cost to the Contractor incurred as a result of this law shall be  
20 at the Contractor's expense.  
21

22 No excavation shall begin until all known facilities, in the vicinity of the excavation area,  
23 have been located and marked.  
24

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

- 28 • Grant County PUD No. 2, 30 C St. SW, Ephrata, WA 98823  
29 (509) 754-3451.
- 30 • Qwest, 418 N. Clover, Moses Lake, WA 98837  
31 (509) 765-2614.
- 32 • East-Columbia Irrigation District, 55 N. 8<sup>th</sup> Ave.,  
33 Othello, WA 99344, (509) 488-9671
- 34 • United States Bureau of Reclamation, 32 C Street NW  
35 Ephrata, WA 98823, (509) 754-0200  
36

37 (\*\*\*\*\*)

### 38 ***Vibratory Rollers over USBR Crossings***

39 Vibratory rollers shall not be used within 50 feet on each side of each USBR  
40 crossing as staked in the field and/or as shown in the plans.  
41

## 42 **Public Convenience and Safety**

### 43 ***Construction Under Traffic***

44 Section 1-07.23(1) is supplemented with the following:  
45

46 (April 2, 2007)

#### 47 **Work Zone Clear Zone**

48 The Work Zone Clear Zone (WZCZ) applies during working and nonworking  
49 hours. The WZCZ applies only to temporary roadside objects introduced by the  
50 Contractor's operations and does not apply to preexisting conditions or  
51 permanent Work. Those work operations that are actively in progress shall be in  
52

1 accordance with adopted and approved Traffic Control Plans, and other contract  
2 requirements.

3  
4 During nonworking hours equipment or materials shall not be within the WZCZ  
5 unless they are protected by permanent guardrail or temporary concrete barrier.  
6 The use of temporary concrete barrier shall be permitted only if the Engineer  
7 approves the installation and location.

8  
9 During actual hours of work, unless protected as described above, only materials  
10 absolutely necessary to construction shall be within the WZCZ and only  
11 construction vehicles absolutely necessary to construction shall be allowed within  
12 the WZCZ or allowed to stop or park on the shoulder of the roadway.

13  
14 The Contractor's nonessential vehicles and employees private vehicles shall not  
15 be permitted to park within the WZCZ at any time unless protected as described  
16 above.

17  
18 Deviation from the above requirements shall not occur unless the Contractor has  
19 requested the deviation in writing and the Engineer has provided written  
20 approval.

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

24  
25 Minimum Work Zone Clear Zone Distance

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

32  
33 \* or 2-feet beyond the outside edge of sidewalk

34  
35 (\*\*\*\*\*)

36 **Payment**

37 No additional compensation will be paid to the Contractor for any cost or expense  
38 incurred as a result of the requirements of this provision and all costs shall be  
39 considered incidental to and included in other applicable contract items.

40  
41 **PROSECUTION AND PROGRESS**

42  
43 **Subcontracting**

44 Section 1-08.1 is supplemented with the following:

45  
46 (October 12, 1998)

47 Prior to any subcontractor or agent beginning work, the Contractor shall submit to the  
48 Engineer a certification (WSDOT Form 420-004) that a written agreement between the  
49 Contractor and the subcontractor or between the subcontractor and any lower tier  
50 subcontractor has been executed. This certification shall also guarantee that these  
51 subcontract agreements include all the documents required by the Special Provision  
52 Federal Agency Inspection.

1 A subcontractor or lower tier subcontractor will not be permitted to perform any work  
2 under the contract until the following documents have been completed and submitted to  
3 the Engineer:  
4

- 5 1. Request to Sublet Work (Form 421-012), and
- 6 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification  
7 for Federal-aid Projects (Form 420-004).  
8

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

### 18 **Prosecution of Work**

19 The first sentence of Section 1-08.4 is revised to read:  
20

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

22 The Contractor shall begin work on or before August 2, 2010, unless otherwise approved  
23 by the Engineer  
24

### 25 **Time For Completion**

26  
27 The third paragraph of Section 1-08.5 is revised to read:  
28

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

30 Contract time shall begin on the first working day. The first working day shall be  
31 August 2, 2010, unless otherwise approved by the Engineer.  
32

33 Section 1-08.5 is supplemented with the following:  
34

35 (\*\*\*\*\*)

36 This project shall be physically completed within **30** working days.  
37

38 Should the Contractor desire to perform work on any Saturday, Sunday, or Holiday  
39 during the life of this contract, he shall request written permission from the Engineer after  
40 submitting a new work schedule specifying the exact dates on which the work is to be  
41 performed.  
42

43 Should the Contractor desire to begin work before 6:30 am, or desire to work two  
44 separate or overlapping shifts during a single 24 hour day, or desire to work a shift  
45 longer than 10 hours in a single 24 hour day, he shall request written permission from  
46 the Engineer after submitting a new work schedule specifying the exact dates on which  
47 the requested work shifts are to be performed.  
48

49 The Engineer will consider the Contractor's request and may either approve or deny any  
50 or all working dates or shifts contained in the new progress schedule.  
51

52 No additional compensation will be given the Contractor for any delays and costs  
53 incurred because of this provision. All costs incurred shall be considered incidental to  
54 and included in other applicable contract items.

1  
2 **MEASUREMENT AND PAYMENT**

3  
4 (March 13, 1995)

5 **Payments**

6 Section 1-09.9 is supplemented with the following:

7  
8 The quantity of the following items to be paid for on this project shall be the quantity  
9 shown in the Proposal, unless changes are made in accordance with Section 1-04.4  
10 which affect this quantity. The quantity shown in the Proposal will be adjusted by the  
11 amount of the change and will be paid for as specified in Section 1-04.4.

- 12  
13 1. Roadway Excavation incl. Haul  
14 2. Embankment Compaction  
15

16 The quantities in the Proposal are listed only for the convenience of the Contractor in  
17 determining the volume of work involved and are not guaranteed to be accurate. The  
18 prospective bidders shall verify these quantities before submitting a bid. No adjustments  
19 other than for approved changes will be made in the quantity even though the actual  
20 quantities required may deviate from those listed.

21  
22 The unit contract price for these items shall be full pay to construct and complete this portion of  
23 the work.

24  
25 **TEMPORARY TRAFFIC CONTROL**

26  
27 **Traffic Control Management**

28  
29 **General**

30  
31 (August 2, 2004)

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

33  
34 The Traffic Control Supervisor shall be certified by one of the following:

35  
36 The Northwest Laborers-Employers Training Trust  
37 27055 Ohio Ave.  
38 Kingston, WA 98346  
39 (360) 297-3035

40  
41 Evergreen Safety Council  
42 401 Pontius Ave. N.  
43 Seattle, WA 98109  
44 1-800-521-0778 or (206) 382-4090  
45

46 **Traffic Control Plans**

47  
48 Section 1-10.2(2) is supplemented with the following:

49  
50 (\*\*\*\*\*)

51 The County has provided the Traffic Sign Plan for this project and said plan is included  
52 in these specifications and is made part of this contract.  
53

1 The work contemplated in this contract will require the Contractor to take special  
2 precautions in developing and implementing safe traffic control procedures in  
3 accordance with the MUTCD. The Contractor's attention is directed to WAC 296-155-  
4 305 as it relates to signing, signaling and flaggers. All questions concerning new  
5 standards should be directed to the Wash. State Dept. of Labor and Industries.  
6

7 The Contractor will not be permitted to close Road 4-NE within the project limits for the  
8 road construction portion of the contract. One way traffic must be kept open during  
9 working hours and two-way traffic restored at the end of each working day. Access to  
10 County road intersections, local farms and residences shall be kept open at all times.  
11

## 12 **Traffic Control Devices**

### 13 **Construction Signs**

14 Section 1-10.3(3)A is supplemented with the following:  
15

16  
17 (\*\*\*\*\*)

18 The required signs will be available to the Contractor at the Grant County Sign Shop,  
19 124 Enterprise St. SE, Ephrata, WA, (509) 754-6085 on normal work days. The  
20 Contractor shall make arrangements with the Engineer at least ten working days prior to  
21 picking up the signs. The Contractor shall sign an itemized receipt at the time of  
22 acquisition.  
23

24 Signs shall be returned to Grant County Sign Shop by the Contractor when their need  
25 has ceased as determined by the Engineer. The value of signs furnished by the  
26 Contracting Agency to the Contractor is fixed at \$10.00 per square foot. The value of  
27 such signs which are damaged or not returned as provided in Section 1-07.23(3)F will be  
28 deducted from payment due or to become due the Contractor.  
29

#### 30 **Wood Sign Posts**

31 Use the charts below to determine post size for Class A construction signs.  
32

#### 33 **One Post Installation**

34 <u>Post Size</u>	35 <u>Min. Sign Sq. Ft.</u>	36 <u>Max Sign Sq. Ft.</u>
37 4x4	-	16.0
38 4x6	17.0	20.0
39 6x6	21.0	25.0
40 6x8	26.0	31.0

#### 41 **Two Post Installation** 42 (For signs 5 feet or greater in width)

43 <u>Post Size</u>	44 <u>Min. Sign Sq. Ft.</u>	45 <u>Max Sign Sq. Ft.</u>
46 4x4	-	16.0
47 4x6	17.0	36.0
48 6x6	37.0	46.0
49 6x8	47.0	75.0 *

50 \* The Engineer shall determine the post size for signs greater than 75  
51 square feet.  
52

## 53 **Barricades**

54 Section 1-10.3(3)D is supplemented with the following:

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

3 The barricades shall be Type III and constructed in accordance with the details shown in  
4 the MUTCD and the Standard Plans. The barricade width shall be eight (8) feet.

5  
6 As may be indicated in the Signing Plan, Traffic Control Plans, or the Contract  
7 Provisions, the Contractor may be required to install signs, warning lights, or both, on  
8 barricades  
9

## 10 **Measurement**

11  
12 (\*\*\*\*\*)

13 Section 1-10.4 is supplemented with the following:  
14

15 No unit of measurement will be made for any of the items contained in the Traffic Control  
16 Plan or Section 1-10 of the Standard Specifications.  
17

## 18 **Payment**

19  
20 (\*\*\*\*\*)

21 Section 1-10.5 is supplemented with the following:  
22

23 All costs incurred by the Contractor in placing and maintaining traffic control signs  
24 furnished by the County and in furnishing, placing, maintaining traffic control vehicles,  
25 traffic control supervisor, traffic control labor including flaggers, two-way radios, eight (8)  
26 foot wide Type III barricades, flashers, posts for signs and other equipment and  
27 materials in accordance with the Traffic Control Plan and Section 1-10 of the Standard  
28 Specifications shall be considered incidental and include in various other items of work  
29 contained in the bid proposal.  
30

## 31 **DIVISION 2 EARTHWORK**

### 32 33 **CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

#### 34 35 **Description**

36 Section 2-01.1 is supplemented with the following:  
37

38 (March 13, 1995)

39 Clearing and grubbing on this project shall be performed within the following limits:  
40

41 Sta. 49+10 to 101+22  
42  
43

### 44 **REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

#### 45 46 ***Removal of Pavement, Sidewalks, and Curbs***

47 Section 2-02.3(3) is supplemented with the following:  
48

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

#### 50 ***Rotomilling Bituminous Pavement***

51 The Contractor shall rotomill all existing bituminous pavements. The Contractor  
52 shall provide equipment capable of producing planings 2 inches in diameter or  
53 smaller. All sections planed on any given day shall be uniformly spread,

1 watered, and re-compacted to a non-yielding surface over the existing subgrade  
2 by the end of the work day and re-graded, if necessary, to the staked line and  
3 grade before placement of crushed surfacing materials.  
4

5 The equipment used to rotomill existing bituminous pavements shall be capable  
6 of rotomilling a minimum of 72" in a single pass, capable of working at a mixing  
7 depth of at least 6" without producing skips and work at a traveling speed of 1  
8 mph or more.  
9

### 10 **Payment**

11 Section 2-02.5 is supplemented with the following:

12  
13 "Rotomilling Bituminous Pavement", per square yard.  
14  
15

## 16 **ROADWAY EXCAVATION AND EMBANKMENT**

### 17 **Construction Requirements**

#### 18 ***Disposal Of Surplus Material***

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

20  
21  
22  
23 (\*\*\*\*\*)

24 A waste site has not been provided by the County for the disposal of excess material  
25 and debris.  
26  
27

## 28 **DIVISION 4 BASES**

## 29 **BALLAST AND CRUSHED SURFACING**

### 30 **Construction Requirements**

#### 31 ***Equipment***

32 The first sentence of Section 4-04.3(1) is revised to read:

33  
34  
35  
36  
37 (\*\*\*\*\*)

38 All equipment necessary for the satisfactory performance of this construction  
39 shall be on the project and approved by the Engineer prior to beginning work.  
40 The Contractor will be required to demonstrate that equipment of sufficient size,  
41 number, and reliability has been provided to meet the project schedule submitted  
42 by the Contractor, if requested by the Engineer.  
43

#### 44 ***Placing and Spreading***

45 The third paragraph of Section 4-04.3(4) is supplemented with the following:

46  
47 (\*\*\*\*\*)

48 The Contractor will be required to fill each hauling vehicle with the same quantity  
49 of crushed aggregate. This is necessary in order to provide consistent spreads  
50 within the limits of the specific section determined by the Engineer.  
51

1 The Contractor will place the material in such a way as to minimize the impact of  
2 the hauling vehicles. Hauling over any of the surfacing materials prior to  
3 processing shall not be permitted.  
4

5 **Miscellaneous Requirement**

6 The second sentence of the first paragraph of Section 4-04.3(7) is revised to  
7 read:  
8

9 (\*\*\*\*\*)

10 Each course of surfacing material shall be placed in its entirety before placing the  
11 succeeding course unless otherwise authorized by the Engineer. The Contractor  
12 shall repair any segregated areas by reprocessing the effected section of each  
13 course before placing any additional material.  
14

15  
16 **DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS**

17  
18 **HOT MIX ASPHALT**

19  
20 **Construction Requirements**

21  
22 **5-04.3(3)A Material Transfer Device/Vehicle**

23 Section 5-04.3(3)A is supplemented with the following:  
24

25 A Material Transfer Device/Vehicle is not required for the first lift of HMA placed directly  
26 on the Crushed Surfacing Top Course.  
27

28 **5-04.3(7)A Mix Design**

29 Section is deleted and replaced with:  
30

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

- 32 1. **General.** Prior to the production of HMA, the Contractor shall determine a design  
33 aggregate structure and asphalt binder content in accordance with WSDOT Standard  
34 Operating Procedure 732. Once the design aggregate structure and asphalt binder  
35 content have been determined, the Contractor shall submit the HMA mix design on  
36 DOT form 350-042 demonstrating the design meets the requirements of Sections 9-  
37 03.8(2) and 9-03.8(6). Verification of the mix design by the Contracting Agency is not  
38 needed. The Project Engineer will determine anti-strip requirements for the HMA.  
39

40 The mix design will be the initial Job Mix Formula (JMF) for the class of mix. Any  
41 additional adjustments to the JMF will require the approval of the Project Engineer  
42 and may be made per Section 9-03.8(7).  
43

- 44 2. **Non Statistical Evaluation.** Non statistical acceptance will apply to all HMA not  
45 designated as Commercial HMA in the contract documents. Non statistical  
46 acceptance testing will be conducted as outlined in 5-04.3(8)A.  
47

- 48 3. **Commercial Evaluation.** Where Commercial HMA is allowed it can be accepted by  
49 a Manufacturer's Certificate of Compliance stating the material meets the  
50 requirements in the contract. Where HMA Commercial is used for the traveled way,  
51 a minimum of one acceptance test to verify gradation, fracture, sand equivalent, and  
52 oil content is required in addition to the Manufacturer's Certificate of Compliance.  
53

54 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**

1 Items 1 & 2 are deleted and replaced with:  
2 (\*\*\*\*\*)

- 3  
4 1. **General.** Acceptance of HMA shall be as provided under nonstatistical or  
5 commercial evaluation.

6  
7 Sampling of HMA for nonstatistical evaluation will be as discussed in WSDOT  
8 Standard Specifications for Road, Bridge, and Municipal Construction, 2010 edition,  
9 section 5-04.3(8)A, sections 3 through 6.

10  
11 Commercial evaluation will be used for Commercial HMA and other classes of HMA  
12 as allowed by the contract. Commercial HMA may be used for amounts of HMA less  
13 than 2500 tons in any application. Testing beyond that specified in 5-04.3(7)A, item  
14 3 for Commercial HMA will be at the discretion of the engineer. Anti-strip additive,  
15 where required, will be verified and documented by the engineer.

- 16  
17 2. **Aggregates.** The acceptance criteria for aggregate properties of sand equivalent,  
18 voids in mineral aggregate (VMA), fracture and gradation will be their conformance to  
19 the requirements of Section 9-03.8(2) the Standard Specification, 2010 edition.

20  
21 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**  
22 Item 4, second paragraph is deleted.

23  
24 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**  
25 Item 7 is deleted.

26  
27 **Longitudinal Joints**

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

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

31 **HMA Paving Step Wedge Requirement**

32 The length of any HMA longitudinal paving joint shall be limited to one day's  
33 operation behind the paver.

34  
35 The Contractor shall construct a step wedge joint along all longitudinal joints.  
36 The step wedge shall be constructed by providing a 0.08-foot vertical edge, then  
37 down on a 4:1 slope.

38  
39 **Payment**

40  
41 **5-04.5(1)A Price Adjustments for Quality of HMA Mixture**

42 Section is deleted and replaced with:

43  
44 (\*\*\*\*\*)

45 Statistical analysis of quality of gradation and asphalt content will be performed based  
46 on Section 1-06.2 using the following price adjustment factors:

47  
48 **Table of Price Adjustment Factors**

49 <b>Constituent</b>	50 <b>Factor "f"</b>
51 All aggregate passing: 1 1/2", 1", 3/4", 52 1/2", 3/8" and No. 4 sieves	2
53 All aggregate passing No. 8	15
54 All aggregate passing No. 200 sieve	20
Asphalt binder	52

1  
2  
3 Items 1-3 are deleted and replaced with:  
4

5 A pay factor will be calculated for sieves listed in Section 9-03.8(7) for the class of HMA  
6 and for the asphalt binder.

- 7 1. **Nonstatistical Evaluation.** Each lot of HMA produced under  
8 Nonstatistical Evaluation and having all constituents falling within the  
9 tolerance limits of the job mix formula shall be accepted at the unit  
10 contract price with no further evaluation. When one or more constituents  
11 fall outside the nonstatistical acceptance tolerance limits in Section 9-  
12 03.8(7), the lot shall be evaluated in accordance with Section 1-06.2 to  
13 determine the appropriate CPF. The nonstatistical tolerance limits will be  
14 used in the calculation of the CPF and the maximum CPF shall be 1.00.  
15 When less than three sublots exist, backup samples of the existing  
16 sublots or samples from the street shall be tested to provide a minimum  
17 of three sets of results for evaluation.
- 18 2. **Commercial Evaluation.** If sampled and tested, HMA produced under  
19 Commercial Evaluation and having all constituents falling within the  
20 tolerance limits of the job mix formula shall be accepted at the unit  
21 contract price with no further evaluation. When one or more constituents  
22 fall outside the commercial acceptance tolerance limits in Section 9-  
23 03.8(7), the lot shall be evaluated to determine the appropriate CPF. The  
24 commercial tolerance limits will be used in the calculation of the CPF and  
25 the maximum CPF shall be 1.00. When less than three sublots exist,  
26 backup samples of the existing sublots or samples from the street shall  
27 be tested to provide a minimum of three sets of results for evaluation.  
28

29 For each lot of HMA produced under Nonstatistical or Commercial Evaluation when the  
30 calculated CPF is less than 1.00, a Nonconforming Mix factor (NCMF) will be  
31 determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by  
32 60 percent. The Job Mix Compliance Price Adjustment will be calculated as the product  
33 of the NCMF, the quantity of HMA in the lot in tons, and the unit contract price per ton of  
34 the mix.  
35

36 If a constituent is not measured in accordance with these Specifications, its individual  
37 pay factor will be considered 1.00 in calculating the composite pay factor.  
38

39 **5-04.5(1)B Price Adjustments for Quality of HMA Compaction**

40 Section is deleted and replaced with:

41 (\*\*\*\*\*)

42  
43 The maximum CPF of a compaction lot is 1.00  
44

45 For each compaction lot of HMA when the CPF is less than 1.00, a Nonconforming  
46 Compaction Factor (NCCF) will be determined. THE NCCF equals the algebraic  
47 difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price  
48 Adjustment will be calculated as the product of the NCCF, the quantity of HMA in the lot  
49 in tons and the unit contract price per ton of the mix.  
50  
51

52 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

53 **EROSION CONTROL AND WATER POLLUTION CONTROL**  
54

1  
2 **Construction Requirements**  
3

4 **Mulching**

5 Section 8-01.3(2)D is supplemented with the following:  
6

7 (\*\*\*\*\*)

8 Wood cellulose fiber suitable for use with a hydroseeder shall be applied at a rate  
9 of 2,000 pounds per acre or as specified by the manufacturer for the type of work  
10 outlined in this contract and within forty eight hours after seeding. Wood  
11 cellulose fiber will be applied separately after seeding and fertilizing.  
12

13 **MONUMENT**

14  
15 **Construction Requirements**  
16

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

18 Section 8-13.3 is supplemented with the following:  
19

20 All work shall be performed by a licensed surveyor.  
21

22 The Contractor shall be required to set or reset monuments and monument covers at  
23 right of way points of intersection, curvature, and tangency within the project limits and  
24 as shown on the plans. Pursuant to RCW 58.24.040(8), a permit to remove or destroy a  
25 survey monument shall be acquired from the Washington State Dept. of Natural  
26 Resources for all existing survey monuments and markers.  
27

28 The Contractor shall leave all existing monuments in place unless the road profile  
29 requires removal. When the new road profile requires the existing monument to be reset  
30 the Contractor shall reuse and reset existing monument and record a new elevation on  
31 the brass disc or provide a supplementary brass inset with new elevation stamped on  
32 the monument. The Contractor shall give the Engineer a certified report from the  
33 Surveyor regarding the final disposition and condition of all monuments discovered  
34 within the project limits.  
35

36 **Payment**  
37

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

39 The unit contract price bid per each for "Monument" shall be full compensation for  
40 performing the work outlined herein and in accordance with the plans and specifications.  
41

42 **PERMANENT SIGNING**

43  
44 **Construction Requirements**  
45

46 (\*\*\*\*\*)

47 Section 8-21.3 is supplemented with the following:  
48

49 All existing signs, posts and hardware within the project limits shall be removed and  
50 salvaged to the Grant County Sign Shop, 124 Enterprise St. S.E., Ephrata, WA, Monday  
51 thru Friday, 7:00 A.M. to 3:00 P.M.  
52

1 All locations for new sign installations within or near the project limits shall be staked in  
2 the field by the Engineer.

3  
4 All sign post lengths shall be determined by the Contractor and approved by the  
5 Engineer prior to installation.

6  
7 The Permanent Signing Appendix lists the signs that shall be furnished and installed by  
8 the Contractor.

## 9 10 **PAVEMENT MARKING**

### 11 12 **Materials**

13  
14 (\*\*\*\*\*)

15 The first sentence of Section 8-22.2 is replaced with the following:

16  
17 Materials for pavement marking shall be acetone-based paint and conform to WSDOT  
18 paint formulas HWVY2 for yellow lines and HWVW1 for white lines. Water-based paints  
19 will not be acceptable.

20  
21 (\*\*\*\*\*)

22 Section 8-22.2 is supplemented with the following:

23  
24 Plastic pavement marking shall conform to the following:

25  
26 Long Line Markings:

27  
28 Surface Mount - Type B-Preformed Fused Thermoplastic (heat  
29 fused)

30  
31 Transverse and Symbol Markings:

32  
33 Surface Mount - Type B-Preformed Fused Thermoplastic (heat  
34 fused)

### 35 36 **Construction Requirements**

#### 37 38 ***Preliminary Spotting***

39 The first sentence of Section 8-22.3(1) is replaced with the following:

40  
41 (\*\*\*\*\*)

42 The Contractor shall use established control points to assist in the preliminary  
43 spotting of the lines to be marked. Where control points are unavailable the  
44 Contractor shall establish such control as necessary to provide accurate  
45 preliminary spotting for pavement marking. The Engineer shall provide control  
46 points for no-pass zones.

#### 47 48 ***Marking Application***

49 Section 8-22.3(3) is supplemented with the following:

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

52 This contract contains new striping work and will require two applications of paint  
53 on a thoroughly swept pavement surface. 10 mils on the first pass and 15 mils

1 on the second pass in the opposite direction. Glass beads for retro-reflective  
2 applications shall be applied at the rate of 7 pounds per gallon of paint.

3  
4 The Contractor shall use a three gun paint spray system for all striping on this  
5 contract.

## 8 DIVISION 9 MATERIALS

### 9 10 AGGREGATES

#### 11 **HMA Test Requirements**

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

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

14 The number of ESAL's for the design and acceptance of the HMA shall be 0.3 to 3  
15 million.

#### 16 **HMA Tolerances and Adjustments**

17 Section 9-03.8(7) Item 1 is deleted and replaced with:

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

19 1. **Job Mix Formula Tolerances.** After the JMF is determined as required in 5-  
20 04.3(7)A, the constituents of the mixture at the time of acceptance shall conform to  
21 the following tolerances:

	<b>Nonstatistical Evaluation</b>	<b>Commercial Evaluation</b>
Aggregate, percent passing		
1", 3/4", 1/2", and 3/8" sieves	+/- 6%	+/- 8%
U.S. No. 4 sieve	+/- 6%	+/- 8%
U.S. No. 8 sieve	+/- 6%	+/- 8%
U.S. No. 200 sieve	+/- 2.0%	+/- 3.0%
Asphalt Binder	+/- 0.5%	+/- 0.7%

22 These tolerance limits constitute the allowable limits as described in Section 1-06.2.  
23 The tolerance limit for aggregate shall not exceed the limits of the control points  
24 section, except the tolerance limits for sieves designated as 100% passing will be  
25 99-100. The tolerance limits on sieves shall only apply to sieves with control points.

### 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 **STRUCTURAL STEEL AND RELATED MATERIALS**

#### 42 **Roadside Sign Structures**

43 Section 9-06.16 is supplemented with the following:

44 (August 2, 2004)

#### 45 **Perforated Steel Square Sign Post System**

46 Where noted in the Plans, steel sign post systems shall be square, pre-punched  
47 galvanized steel tubing, that are NCHRP 350 Test Level 3 Certified and FHWA  
48 approved.

49 The steel sign post system shall include all anchor sleeves, and other hardware required  
50 for a complete sign installation.

1  
2 **System Acceptance**

3 Systems listed in the current QPL will be accepted per the QPL approval code.  
4 Systems not listed in the QPL will be accepted based on a Supplier's Certificate  
5 of Compliance. The Supplier's Certificate of Compliance will be a contract  
6 specific letter from the supplier stating the system is NCHRP 350 Test Level 3  
7 compliant. A Certificate of Material Origin (WSDOT Form 350-109) will be  
8 required for contracts containing the "Foreign Made Materials" clause and will  
9 include a dollar value for any foreign steel used in the system being supplied.

10  
11 **EROSION CONTROL AND ROADSIDE PLANTING**

12  
13 **Seed**

14 Section 9-14.2 is supplemented with the following:

15  
16 (\*\*\*\*\*)

17 The following arid area seed mixes are approved for use on this project. The Contractor  
18 shall choose one of the approved arid area mixes for application on this project.

Kind and variety of Seed in mixture	% By Weight	Minimum % Pure Seed	Minimum % Germination
<b>Arid Area Mix A Containing*:</b>			
Sherman Big Bluegrass	10	9.5	70
Crested Wheatgrass	30	28.5	85
Schwindamer Thickspike	30	28.5	85
Slender Wheatgrass	30	28.0	85
Weed Seed		2.0 (max)	
Inert and other crop		<u>3.5 (max)</u>	
Total		100.0	
<b>Arid Area Mix B Containing**:</b>			
Sheep Fescue	30	28.5	85
Crested Wheatgrass	30	28.5	85
Intermediate Wheatgrass	30	28.0	85
Annual Ryegrass	10	9.5	85
Weed Seed		2.0 (max)	
Inert and other crop		<u>3.5 (max)</u>	
Total		100.0	

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40  
41  
42 \*Arid area mix A shall be applied at the rate of eighteen (18) pounds per acre on all  
43 areas requiring arid area mix seeding within the project limits.

44  
45 \*\*Arid area mix B shall be applied at the rate of thirty (30) pounds per acre on all areas  
46 requiring arid area mix seeding within the project limits.

47  
48 (\*\*\*\*\*)

49 The following irrigated pasture mix is approved for use on this project. The Contractor  
50 shall use the approved irrigated pasture mix for application on this project.

Kind and variety of Seed in mixture	% By Weight	Minimum % Pure Seed	Minimum % Germination
-------------------------------------	-------------	---------------------	-----------------------

1 **Irrigated Pasture Mix Containing\*\*\*:**

2 Orchard Grass	30	28.5	85
3 Tetraploid Perennial Ryegrass	30	28.0	85
4 Timothy Grass	20	19.0	85
5 Ginger Kentucky Bluegrass	20	19.0	85
6 Weed Seed		2.0 (max)	
7 Inert and other crop		<u>3.5 (max)</u>	
8 Total		100.0	

9  
10  
11 \*\*\*Irrigated pasture mix shall be applied at the rate of thirty-five (35) pounds per acre on  
12 all areas requiring irrigated pasture mix seeding within the project limits.  
13

14 **Fertilizer**

15 Section 9-14.3 is supplemented with the following:

16  
17 (\*\*\*\*\*)

18 Sufficient quantities of fertilizer shall be applied to supply the following amounts of  
19 nutrients:

20 Total Nitrogen as N -	135 pounds per acre
21 Available Phosphoric Acid as P <sub>2</sub> O <sub>5</sub> -	80 pounds per acre
22 Soluable Potash as K <sub>2</sub> O -	80 pounds per acre

23  
24  
25  
26  
27 Ninety pounds of nitrogen applied per acre shall be derived from isobutylidene dilurea  
28 (IBDU), cyclo-di-urea (CDU), or sulphur coated urea (SCU). The remainder may be  
29 derived from any source.  
30

31 The fertilizer formulation and application rate shall be approved by the Engineer before  
32 use.  
33

34 **SIGNING MATERIALS AND FABRICATION**

35  
36 **Sign Support Structures**

37 Section 9-28.14 is supplemented with the following:

38  
39 (April 10, 2006)

40 ***Manufactures for Steel Sign Supports***

41  
42 The Standard Plans lists several steel sign support types. These supports are  
43 patented devices and many are sole-source. All of the sign support types listed  
44 below are acceptable when shown in the plans.  
45

<u>Steel Sign Support Type</u>	<u>Manufacturer</u>
46 Type TP-A & TP-B	TransPo Industries
47 Type PL, PL-T & PL-U	Poz Lock, Northwest Pipe
48 Type AS	TransPo Industries
49 Type AP	TransPo Industries
50 Type ST 1, ST 2, ST 3 & ST 4	UltiMate, S-Square, Telespar
51 Type SB-1 & SB-2	UltiMate, Telespar

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8

**STANDARD PLANS**  
*December 7, 2009*

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 08-001, effective December 7, 2009 is made a part of this contract.

Informational ONLY - NOT FOR BIDDING

**PROPOSAL**

To: Board of County Commissioners  
Grant County, Washington

Date: \_\_\_\_\_, 2010

This certifies that the undersigned has examined the location of **4-NE Road, CRP 09-02, in Grant County, Washington**, and that the plans, specifications and contract governing the work embraced in the improvement, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with said plans, specifications and contract and at the following schedule of rates and prices.

**4-NE Road**

Note: Unit prices for all items, all extensions, and total amount must be shown. Please type or use ink. Please initial all changes.

<b>Item No.</b>	<b>Plan Quantity</b>	<b>Item Description</b>	<b>Price per Unit* Dollars . Cents</b>	<b>Total Amount Dollars . Cents</b>
<b>PREPARATION</b>				
1	100% Lump Sum	Mobilization	At //////////.///// Per Lump Sum	.
2	100% Lump Sum	Notification	At //////////.///// Per Lump Sum	.
3	100% Lump Sum	Clearing and Grubbing	At //////////.///// Per Lump Sum	.
<b>GRADING</b>				
4	14,170 Sq. Yd.	Rotomilling Bituminous Pavement	At . . Per Square Yard	.
5	4,638 Cu. Yd.	Roadway Excavation incl. Haul	At . . Per Cubic Yard	.
6	1,936 Cu. Yd.	Embankment Compaction	At . . Per Cubic Yard	.
<b>DRAINAGE</b>				
7	113 Lin. Ft.	Plain Steel Culvert Pipe 0.064" Thick – 12" Diameter	At . . Per Linear Foot	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
8	135 Lin. Ft.	Plain Steel Culvert Pipe 0.064" Thick – 18" Diameter	At . Per Linear Foot	.
<b>SURFACING</b>				
9	9,100 Ton	Crushed Surfacing Base Course	At . Per Ton	.
10	5,900 Ton	Crushed Surfacing Top Course	At . Per Ton	.
<b>HOT MIX ASPHALT</b>				
11	4,200 Ton	HMA Class ½" Incl. PG64-28 Paving Asphalt	At . Per Ton	.
12	Calc.	Job Mix Compliance Price Adjustment	At . Per Calc.	<b>-1.00</b>
13	Calc.	Compaction Price Adjustment	At . Per Calc.	<b>-1.00</b>
<b>TRAFFIC</b>				
14	630 Lin. Ft.	Beam Guardrail Type 31	At . Per Linear Foot	.
15	2 Each	Beam Guardrail Type 31 Non-Flared Terminal	At . Per Each	.
16	2 Each	Beam Guardrail (Type 31) Anchor Type 10	At . Per Each	.
17	3,495 Lin. Ft.	Painted Skip Centerline	At . Per Linear Foot	.
18	1,087 Lin. Ft.	Painted Skip Centerline with No Pass	At . Per Linear Foot	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
19	527 Lin. Ft.	Painted Double Yellow Centerline	At . Per Linear Foot	.
20	10,218 Lin. Ft.	Painted Wide Line	At . Per Linear Foot	.
21	4 Each	Plastic Bicycle Lane Symbol	At . Per Each	.
22	100% Lump Sum	Permanent Signing	At ////////.///// Per Lump Sum	.
<b>OTHER ITEMS</b>				
23	800 Lin. Ft.	Relocated Existing Wire Fence	At . Per Linear Foot	.
24	25 Cu. Yd.	Structure Excavation Class B incl. Haul	At . Per Cubic Yard	.
25	12 Cu. Yd.	Gravel Backfill for Pipe Zone Bedding	At . Per Cubic Yard	.
26	1 Each	Adjust Fire Hydrants	At . Per Each	.
27	15 Each	Adjust Sewer Manhole	At . Per Each	.
28	2 Each	Monument	At . Per Each	.
29	100% Lump Sum	Trimming and Cleanup	At ////////.///// Per Lump Sum	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
30	1.00 Acre	Seeding, Fertilizing, and Mulching with Irrigated Pasture Mix	At . Per Acre	.
31	1.00 Acre	Seeding, Fertilizing, and Mulching with Arid Area Mix A or B	At . Per Acre	.
32	Calculated	Minor Changes	At ////////.//// Calculated	<b>-\$1.00</b>
			<b>Contract Total</b>	.

Informational ONLY - NOT FOR BIDDING

## Non-Collusion Declaration

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

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

### Notice to All Bidders

To report bid rigging activities call:

**1-800-424-9071**

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

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

Revised 8/95

## Proposal – Signature Page

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

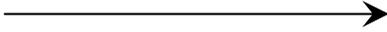
A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

- Cash  In the Amount of \_\_\_\_\_
- Cashier's Check  \_\_\_\_\_ Dollars
- Certified Check  (\$\_\_\_\_\_) Payable to the Grant County Treasurer
- Proposal Bond  In the Amount of 5% of the Bid

Receipt is hereby acknowledged of addendum(s) No.(s) \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_.

Signature of Authorized Official(s)

**Proposal Must Be Signed**



\_\_\_\_\_

Please Print Name of Authorized Official

Firm Name

\_\_\_\_\_

Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

State of Washington Contractor's License No. \_\_\_\_\_

Federal ID No. \_\_\_\_\_

Note:

- (1) This proposal form is not transferable and any alteration entered hereon without prior permission from the County Engineer will be cause for considering the proposal irregular and subsequent rejection of bid.
- (2) Please refer to section 1-02.6 of the standard specifications, re: "Preparation of Proposal" or "Article 4" of the instructions to bidders for building construction jobs.
- (3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communication: \_\_\_\_\_

Revised 8/95

# Statement of Contractor Qualifications

To: Board of County Commissioners  
Grant County, Washington

Date: \_\_\_\_\_, 2010

RE: **4-NE Road, CRP 09-02**

I hereby maintain that I am a responsible bidder as contemplated by the policies of the State of Washington and Chapter 36.77 of the Revised Code of Washington.

1. My permanent business name and address is \_\_\_\_\_  
which I have maintained for \_\_\_\_ years. My phone is (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_
2. I have adequate plant equipment to expeditiously and properly perform the work contemplated for Grant County, Washington. **Description of work:** This contract provides for the reconstruction of 0.99 miles of two lane county road in Grant County, WA, and includes roadway excavation, embankment compaction, drainage items, crushed surfacing base course and top course, hot mix asphalt, guardrail, paint striping, permanent signing, seeding and fertilizing, and other work in accordance with the plans and specifications. (Please list equipment to be used on this project. Attach list if necessary.)  
\_\_\_\_\_  
\_\_\_\_\_
3. I have adequate funds to promptly meet obligations incident to this work. (Provide bank, contact & phone.)  
a) \_\_\_\_\_  
b) \_\_\_\_\_ c) \_\_\_\_\_
4. I have adequate experience in this class of work and I am thoroughly familiar with the specifications used in this project. I have constructed the following similar improvements: (Provide project name, contact & phone.)  
a) \_\_\_\_\_  
b) \_\_\_\_\_  
c) \_\_\_\_\_
5. I have submitted and maintain annually a "Standard Questionnaire and Financial Statement" to the Washington State Department of Transportation (WSDOT): Yes  No  Region: \_\_\_\_\_  
WSDOT has determined: a) I am prequalified to \_\_\_\_\_  
\_\_\_\_\_ in the amount of \_\_\_\_\_.  
b) I have failed to be prequalified for the following reasons: \_\_\_\_\_  
\_\_\_\_\_.

The Contracting Agency may determine a prospective Bidder who is not prequalified to perform certain types of work within the financial and experience constraints determined by WSDOT to be not responsible and refuse to award a contract.

The Board of County Commissioners shall proceed to award the contract to the lowest and best bidder but may reject any or all bids if in its opinion good cause exists therefor. (RCW 36.77.040)

I hereby certify that the above statements are true and accurate.

Very truly yours,

By: \_\_\_\_\_

(Print Name) \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Washington State Contractor's License No.: \_\_\_\_\_

Revised 4/02

**Subcontractor List**

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Project Name: **4-NE Road**

**Failure to list subcontractors who are proposed to perform the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW will result in your bid being non-responsive and therefore void.**

Subcontractor(s) that are proposed to perform the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW must be listed below. The work to be performed is to be listed below the subcontractor(s) name.

If no subcontractor is listed below, the bidder acknowledges that it does not intend to use any subcontractor to perform those items of work.

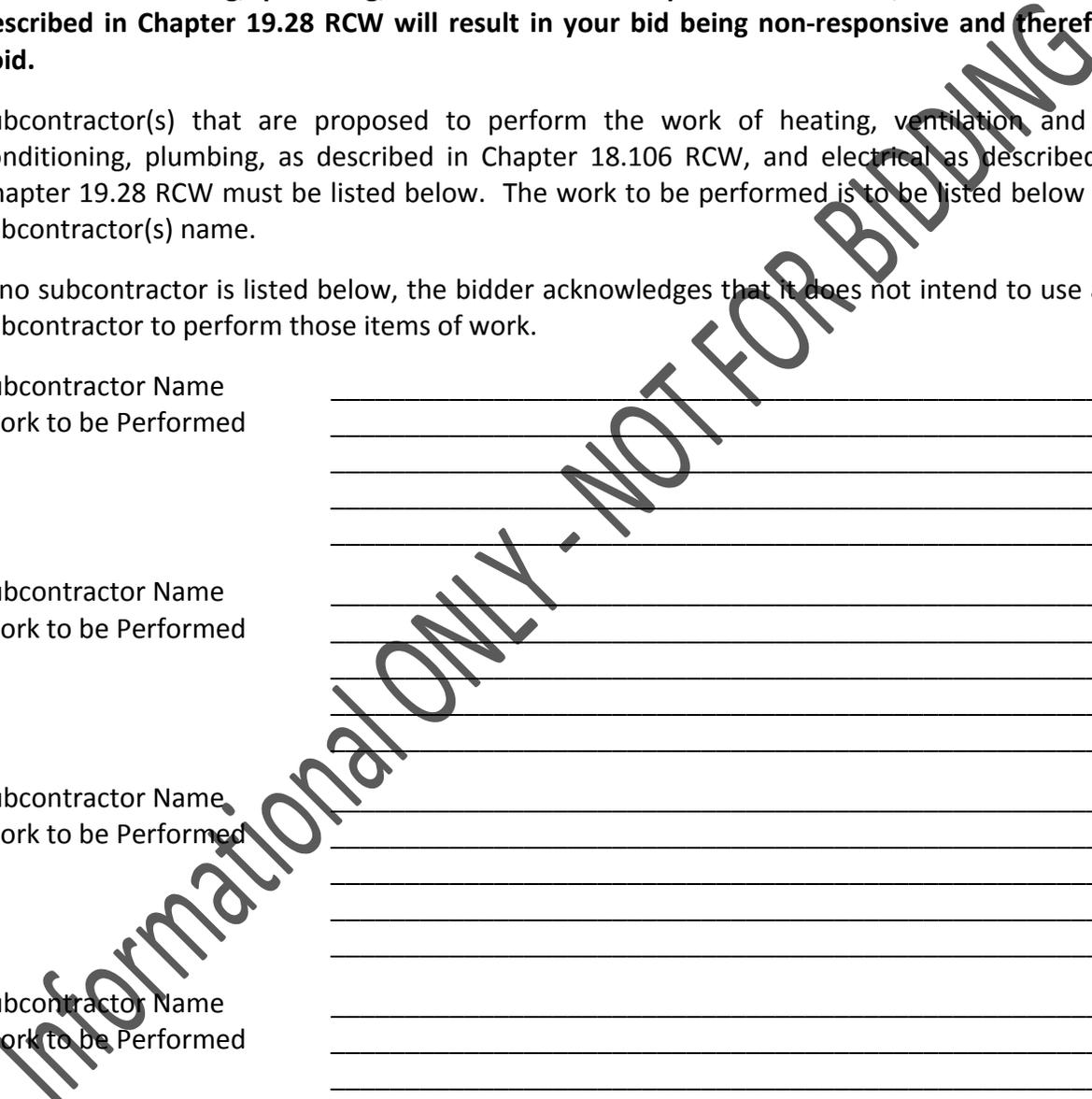
Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be Performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



## Bid Bond

**KNOW ALL MEN BY THESE PRESENTS:**

That we, \_\_\_\_\_, as  
Principal, and \_\_\_\_\_, as  
Surety, are held and firmly bound unto Grant County, Washington, as Oblige, in the penal sum  
of \_\_\_\_\_ Dollars  
(\$\_\_\_\_\_) for the payment of which the Principal and Surety bind themselves,  
their heirs, executors, administrators, successors and assigns, jointly and severally, by these  
presents.

The condition of the obligation is such that if the Oblige shall make any award to the  
Principal for **4-NE Road, CRP 09-02**, located in Grant County, Washington, according to the  
terms of the proposal or bid made by the Principal therefor, and the Principal shall duly make  
and enter into a contract with the Oblige in accordance with the terms of said proposal or bid  
and award and shall give bond for the faithful performance thereof, with the Surety or Sureties  
approved by the Oblige; or if the principal shall, in case of failure so to do, pay and forfeit to  
the Oblige the penal amount of the deposit specified in the call for bids, then this obligation  
shall be null and void; otherwise it shall be and remain in full force and effect and the Surety  
shall forthwith pay and forfeit to the Oblige, as penalty and liquidated damages, the amount  
of this bond.

SIGNED, SEALED AND DATED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010

Principal \_\_\_\_\_

Surety \_\_\_\_\_

Attorney-in-Fact \_\_\_\_\_

Informational ONLY - NOT FOR BIDDING

## CONTRACT

THIS AGREEMENT, between the Board of County Commissioners of Grant County, State of Washington, acting under and by virtue of Chapter 36.77 of the Revised Code of Washington, as amended, hereinafter called the County, and \_\_\_\_\_, for itself, its heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

### WITNESSETH:

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

### DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all tools, materials, and equipment necessary to improve and complete **4-NE Road, CRP 09-02**, located in Grant County, Washington, as proposed in a bid opened **1:30 P.M., Tuesday, July 13, 2010** in accordance with and as described in the herein attached plans and standard specifications, and in full compliance with the terms, conditions, and stipulations herein set forth and attached, now referred to any by such reference incorporated herein and made part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any force account work may be ordered as provided in this contract and every part thereof.
2. The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.
3. The County hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the attached specifications and the schedule of unit or itemized prices hereto attached, at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to employ the Contractor to perform any alterations in or additions to the work covered by this contract and every part thereof and any force account work that may be ordered and pay for same under the terms of this contract and the attached plans and specifications.
4. The Contractor for himself, and for his heirs, executors, administrators and assigns, and successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
5. It is further provided that no liability shall attach to the County by reason of entering into this contract, except as expressly provided herein.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of Grant County has caused this instrument to be executed by and in the name of said Board by its Members, duly attested by its Clerk, the day and year below written, and the seal of said Board to be hereunto affixed on said date.

\_\_\_\_ day of \_\_\_\_\_, 2010

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip

(\_\_\_\_) \_\_\_\_\_  
Phone

ATTEST:

\_\_\_\_\_  
Clerk of the Board

APPROVED AS TO FORM:

\_\_\_\_ day of \_\_\_\_\_, 2010

\_\_\_\_\_  
Chief Civil Deputy Prosecuting Attorney

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BOARD OF COUNTY COMMISSIONERS  
OF GRANT COUNTY, WASHINGTON

Done this \_\_\_\_ day of \_\_\_\_\_, 2010

\_\_\_\_\_  
Chair

\_\_\_\_\_  
Member

\_\_\_\_\_  
Member

**CONTRACT BOND**

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, \_\_\_\_\_, as principal, and \_\_\_\_\_, a corporation organized and existing under the laws of the State of \_\_\_\_\_, as surety corporation, and qualified under the laws of the State of Washington to become surety upon bonds of contractors with municipal corporations, as surety, are jointly and severally held and firmly bound to Grant County, Washington, in the penal sum of \_\_\_\_\_ (\$ \_\_\_\_\_) for the payment of which sum on demand we bind ourselves and our successors, heirs, administrators or personal representatives, as the case may be.

This obligation is entered into in pursuance of the statutes of the State of Washington, the Ordinances of Grant County, Washington.

Dated at \_\_\_\_\_, Washington, this \_\_\_\_ day of \_\_\_\_\_, 2010.

The conditions of the above obligation are such that:

WHEREAS, on **July 13, 2010**, the Board of County Commissioners of said Grant County has let or is about to let to the Principal, a certain contract, the said contract providing for the improvement of **4-NE Road, CRP 09-02**, located in Grant County, Washington, (which contract is referred to herein and is made a part hereof as though attached hereto), and

WHEREAS, the said Principal has accepted, or is about to accept, the said contract, and undertake to perform the work therein provided for in the manner and within the time set forth;

NOW, THEREFORE, if the said Principal shall faithfully perform all of the provisions of said contract in the manner and within the time therein set forth or within such extensions of time as may be granted under said contract, and shall pay all laborers, mechanics, subcontractors and material men, and all persons who shall supply said Principal or subcontractors with provisions and supplies for the carrying on of said work, and shall hold said Grant County harmless from any loss or damage occasioned to any person or property by reason of any carelessness or negligence on the part of said Principal, or any subcontractor in the performance of said work and shall indemnify and hold Grant County harmless from any damage or expense by reason of failure of performance as specified in said contract or from defects appearing or developing in the material or workmanship provided or performed under said contract, and until the same is accepted, then and in that event this obligation shall be void but otherwise it shall be and remain in full force and effect.

Countersigned: \_\_\_\_\_

\_\_\_\_\_  
Licensed Agent/Surety Co.

\_\_\_\_\_  
Principal

\_\_\_\_\_  
Attorney-in-Fact, Surety

Approved as to form:

(\_\_\_\_\_) \_\_\_\_\_  
Firm, Street Address (No P.O. Box), Phone of Local Office of Agent

\_\_\_\_\_  
Prosecuting Attorney

Informational ONLY - NOT FOR BIDDING

## TITLE VI – Contractor Requirements

During the performance of this contract, the contractor/consultant, for itself, its assignees and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

### 1. Compliance with Regulations

The contractor shall comply with the Regulations relative to non-discrimination in federally assisted programs of United States Department of Transportation (USDOT), Title 49, Code of Federal Regulations, part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

### 2. Non-discrimination

The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of sub-contractors, including procurement of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

### 3. Solicitations for Sub-contracts, Including Procurement of Materials and Equipment

In all solicitations either by competitive bidding or negotiations made by the contractor for work to be performed under a sub-contract, including procurement of materials or leases of equipment, each potential sub-contractor or supplier shall be notified by the contractor of the contractor’s obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color, sex, or national origin.

### 4. Information and Reports

The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the contracting agency or the appropriate federal agency to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to WSDOT or the USDOT as appropriate, and shall set forth what efforts it has made to obtain the information.

### 5. Sanctions for Non-compliance

In the event of the contractor’s non-compliance with the non-discrimination provisions of this contract, the contracting agency shall impose such contract sanctions as it or the USDOT may determine to be appropriate, including, but not limited to:

- Withholding of payments to the contractor under the contract until the contractor complies, and/or;
- Cancellation, termination, or suspension of the contract, in whole or in part

### 6. Incorporation of Provisions

The contractor shall include the provisions of paragraphs (1) through (5) in every sub-contract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any sub-contractor or procurement as the contracting agency or USDOT may direct as a means of enforcing such provisions including sanctions for non-compliance.

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a sub-contractor or supplier as a result of such direction, the contractor may request WSDOT enter into such litigation to protect the interests of the state and, in addition, the contractor may request the USDOT enter into such litigation to protect the interests of the United States.

Informational ONLY - NOT FOR BIDDING

State of Washington  
**DEPARTMENT OF LABOR AND INDUSTRIES**  
 Prevailing Wage Section - Telephone (360) 902-5335  
 PO Box 44540, Olympia, WA 98504-4540

**Washington State Prevailing Wage Rates For Public Works Contracts**

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

**GRANT COUNTY  
 EFFECTIVE 3-03-2010**

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<u>Classification</u>	<u>PREVAILING WAGE</u>	<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
(See Benefit Code Key)				
<b>ASBESTOS ABATEMENT WORKERS</b>				
JOURNEY LEVEL	\$20.79	1		
<b>BOILERMAKERS</b>				
JOURNEY LEVEL	\$56.53	1C	5N	
<b>BUILDING SERVICE EMPLOYEES</b>				
JANITOR	\$12.56	1		
SHAMPOOER	\$11.14	1		
WAXER	\$8.89	1		
WINDOW CLEANER	\$9.14	1		
<b>CABINET MAKERS (IN SHOP)</b>				
JOURNEY LEVEL	\$8.55	1		
<b>CARPENTERS</b>				
CARPENTER	\$38.29	1B	5A	8N
MILLWRIGHT AND MACHINE ERECTORS	\$40.29	1B	5A	8N
PILEDRIVER/CARPENTER	\$38.29	1B	5A	8N
PILEDRIVER/DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING, OR CREOSOTE TREATED MATERIAL ON ALL PILING	\$38.56	1B	5A	8N
<b>CEMENT MASONS</b>				
JOURNEY LEVEL	\$35.30	1N	5D	
<b>DIVERS &amp; TENDERS</b>				
DIVER	\$74.06	1B	5A	8A
DIVER ON STANDBY	\$42.31	1B	5A	
DIVER TENDER	\$41.31	1B	5A	
DIVING MASTER	\$50.16	1B	5A	
SURFACE RCV & ROV OPERATOR	\$41.31	1B	5A	
SURFACE RCV & ROV OPERATOR TENDER	\$39.56	1B	5A	
<b>DREDGE WORKERS</b>				
ASSISTANT ENGINEER	\$47.09	1N	5D	8D
ASSISTANT MATE (DECKHAND)	\$46.58	1N	5D	8D
BOATMEN	\$47.09	1N	5D	8D
ENGINEER WELDER	\$47.14	1N	5D	8D
LEVERMAN, HYDRAULIC	\$48.71	1N	5D	8D
MAINTENANCE	\$46.58	1N	5D	8D
MATES	\$47.09	1N	5D	8D
OILER	\$46.58	1N	5D	8D
<b>DRYWALL TAPERS</b>				
JOURNEY LEVEL	\$31.71	1P	5A	
<b>ELECTRICAL FIXTURE MAINTENANCE WORKERS</b>				
JOURNEY LEVEL	\$24.88	1		
<b>ELECTRICIANS - INSIDE</b>				
CABLE SPLICER	\$52.31	1D	5M	
CONSTRUCTION STOCK PERSON	\$26.34	1D	5M	

**GRANT COUNTY  
EFFECTIVE 3-03-2010**

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<u>Classification</u>	<u>PREVAILING WAGE</u>	(See Benefit Code Key)		
		<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
JOURNEY LEVEL	\$48.72	1D	5M	
<b>ELECTRICIANS - MOTOR SHOP</b>				
CRAFTSMAN	\$15.37	2A	6C	
JOURNEY LEVEL	\$14.69	2A	6C	
<b>ELECTRICIANS - POWERLINE CONSTRUCTION</b>				
CABLE SPLICER	\$59.79	4A	5A	
CERTIFIED LINE WELDER	\$54.59	4A	5A	
GROUNDPERSON	\$39.07	4A	5A	
HEAD GROUNDPERSON	\$41.22	4A	5A	
HEAVY LINE EQUIPMENT OPERATOR	\$54.59	4A	5A	
JACKHAMMER OPERATOR	\$41.22	4A	5A	
JOURNEY LEVEL LINEPERSON	\$54.59	4A	5A	
LINE EQUIPMENT OPERATOR	\$46.32	4A	5A	
POLE SPRAYER	\$54.59	4A	5A	
POWDERPERSON	\$41.22	4A	5A	
<b>ELECTRONIC TECHNICIANS</b>				
ELECTRONIC TECHNICIANS JOURNEY LEVEL	\$17.31	1		
<b>ELEVATOR CONSTRUCTORS</b>				
MECHANIC	\$67.91	4A	6Q	
MECHANIC IN CHARGE	\$73.87	4A	6Q	
<b>FABRICATED PRECAST CONCRETE PRODUCTS</b>				
ALL CLASSIFICATIONS	\$9.96	1		
<b>FENCE ERECTORS</b>				
FENCE ERECTOR	\$13.80	1		
FENCE LABORER	\$11.60	1		
<b>FLAGGERS</b>				
JOURNEY LEVEL	\$29.31	1M	5D	
<b>GLAZIERS</b>				
JOURNEY LEVEL	\$24.04	1K	5A	
<b>HEAT &amp; FROST INSULATORS AND ASBESTOS WORKERS</b>				
MECHANIC	\$45.77	1		
<b>HEATING EQUIPMENT MECHANICS</b>				
MECHANIC	\$27.67	1		
<b>HOD CARRIERS &amp; MASON TENDERS</b>				
JOURNEY LEVEL	\$33.19	1M	5D	
<b>INDUSTRIAL ENGINE AND MACHINE MECHANICS</b>				
MECHANIC	\$15.65	1		
<b>INDUSTRIAL POWER VACUUM CLEANER</b>				
JOURNEY LEVEL	\$9.24	1		
<b>INSPECTION/CLEANING/SEALING OF SEWER &amp; WATER SYSTEMS BY REMOTE CONTROL</b>				
CLEANER OPERATOR, FOAMER OPERATOR	\$9.73	1		
GROUT TRUCK OPERATOR	\$11.48	1		
HEAD OPERATOR	\$12.78	1		
TECHNICIAN	\$8.55	1		
TV TRUCK OPERATOR	\$10.53	1		
<b>INSULATION APPLICATORS</b>				
JOURNEY LEVEL	\$21.37	1		
<b>IRONWORKERS</b>				
JOURNEY LEVEL	\$48.19	1O	5A	
<b>LABORERS</b>				
ASPHALT RAKER	\$31.95	1M	5D	

**GRANT COUNTY**  
**EFFECTIVE 3-03-2010**

\*\*\*\*\*

(See Benefit Code Key)

<u>Classification</u>	<u>PREVAILING WAGE</u>	<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
ASPHALT ROLLER, WALKING	\$31.68	1M	5D	
BRUSH HOG FEEDER	\$31.41	1M	5D	
BRUSH MACHINE	\$31.95	1M	5D	
CARPENTER TENDER	\$31.41	1M	5D	
CASSION WORKER	\$31.95	1M	5D	
CEMENT FINISHER TENDER	\$31.68	1M	5D	
CEMENT HANDLER	\$31.41	1M	5D	
CHAIN SAW OPERATOR AND FALLER	\$31.95	1M	5D	
CLEAN-UP LABORER	\$31.41	1M	5D	
CONCRETE CREWMAN	\$31.41	1M	5D	
CONCRETE SAW, WALKING	\$31.68	1M	5D	
CONCRETE SIGNALMAN	\$31.41	1M	5D	
CONCRETE STACK	\$31.95	1M	5D	
CRUSHER FEEDER	\$31.41	1M	5D	
DEMOLITION	\$31.41	1M	5D	
DEMOLITION TORCH	\$31.68	1M	5D	
DOPE POT FIREMAN	\$31.68	1M	5D	
DRILL HELPER, WHEN REQUIRED TO MOVE AND POSITON MACHINERY	\$31.68	1M	5D	
DRILL WITH DUAL MASTS	\$32.23	1M	5D	
DRILL, AIR TRACT	\$31.95	1M	5D	
DRILLS, WAGON	\$31.68	1M	5D	
DUMPMAN	\$31.41	1M	5D	
EROSION CONTROL WORKER	\$31.41	1M	5D	
FINAL DETAIL CLEANUP (i.e., dusting, vacuuming, window cleaning; NOT construction debris cleanup)	\$29.31	1M	5D	
FIRE WATCH	\$31.41	1M	5D	
FORM CLEANING MACHINE FEEDER, STACKER	\$31.41	1M	5D	
FORM SETTER, PAVING	\$31.68	1M	5D	
GENERAL LABORER	\$31.41	1M	5D	
GRADE CHECKER USING LEVEL, OPTIONAL	\$31.68	1M	5D	
GROUT MACHINE HEADER TENDER	\$31.41	1M	5D	
GUARDRAIL ERECTOR	\$31.41	1M	5D	
GUNITE NOZZLEMAN	\$31.95	1M	5D	
HAZARDOUS WASTE WORKER LEVEL A	\$32.23	1M	5D	
HAZARDOUS WASTE WORKER LEVEL B	\$31.95	1M	5D	
HAZARDOUS WASTE WORKER LEVEL C	\$31.68	1M	5D	
HAZARDOUS WASTE WORKER LEVEL D	\$31.41	1M	5D	
HIGH SCALER	\$31.95	1M	5D	
JACKHAMMER	\$31.68	1M	5D	
LASER BEAM OPERATOR	\$31.95	1M	5D	
MINER, CLASS "A"	\$31.41	1M	5D	
MINER, CLASS "B"	\$31.68	1M	5D	
MINER, CLASS "C"	\$31.95	1M	5D	
MINER, CLASS "D"	\$32.23	1M	5D	
MONITOR OPERATOR, AIR TRACK, OR SIMILAR	\$31.95	1M	5D	
MORTAR MIXER	\$31.95	1M	5D	
NIPPER	\$31.41	1M	5D	
NOZZLEMAN, TO INCLUDE JET BLASTING	\$31.95	1M	5D	
NOZZLEMAN, TO INCLUDE SQUEEZE AND FLOW-CRETE	\$31.68	1M	5D	
NOZZLEMAN, WATER, AIR OR STEAM	\$31.68	1M	5D	
PAVEMENT BREAKER, 90 LBS & OVER	\$31.95	1M	5D	
PAVEMENT BREAKER, UNDER 90 LBS	\$31.68	1M	5D	

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<u>Classification</u>	<u>PREVAILING WAGE</u>	<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
PIPE, WATER LINER	\$31.68	1M	5D	
PIPELAYER, CORRUGATED METAL CULVERT	\$31.68	1M	5D	
PIPELAYER, MULTI PLATE	\$31.68	1M	5D	
PIPELAYER, TO INCLUDE WORKING TOPMAN	\$31.95	1M	5D	
PIPEWRAPPER	\$31.95	1M	5D	
PLASTERER TENDER	\$31.95	1M	5D	
POT TENDER	\$31.68	1M	5D	
POWDERMAN	\$33.60	1M	5D	
POWDERMAN HELPER	\$31.68	1M	5D	
POWER BUGGY OPERATOR	\$31.68	1M	5D	
POWER TOOL OPERATOR (GAS, ELECTRIC OR PNEUMATIC)	\$31.68	1M	5D	
RAILROAD POWER SPIKER OR PULLER, DUAL MOBILE	\$31.68	1M	5D	
RIPRAP PERSON	\$31.41	1M	5D	
RODDER & SPREADER	\$31.68	1M	5D	
SCAFFOLD ERECTOR, WOOD OR STEEL	\$31.41	1M	5D	
STAKE JUMPER	\$31.41	1M	5D	
STRUCTURAL MOVER	\$31.41	1M	5D	
TAILHOSEMAN, SANDBLAST	\$31.41	1M	5D	
TAILHOSEMAN, WATER NOZZLE	\$31.41	1M	5D	
TAMPER	\$31.68	1M	5D	
TIMBER BUCKER & FALLER (BY HAND)	\$31.41	1M	5D	
TRACK LABORER	\$31.41	1M	5D	
TRENCHER, SHAWNEE	\$31.68	1M	5D	
TRUCK LOADER	\$31.41	1M	5D	
TUGGER OPERATOR	\$31.68	1M	5D	
VIBRATOR	\$31.95	1M	5D	
WELDER (ELECTRIC, MANUAL OR AUTOMATIC)	\$32.23	1M	5D	
WELL-POINT MAN	\$31.41	1M	5D	
WHEELBARROW, POWER DRIVEN	\$31.68	1M	5D	
<b>LABORERS - UNDERGROUND SEWER &amp; WATER</b>				
GENERAL LABORER & TOPMAN	\$31.41	1M	5D	
PIPE LAYER	\$31.95	1M	5D	
<b>LANDSCAPE CONSTRUCTION</b>				
IRRIGATION OR LAWN SPRINKLER INSTALLERS	\$9.00	1		
LANDSCAPE EQUIPMENT OPERATORS OR TRUCK DRIVERS	\$9.00	1		
LANDSCAPING OR PLANTING LABORERS	\$9.00	1		
<b>LATHERS</b>				
JOURNEY LEVEL	\$36.62	1B	5A	8N
<b>MARBLE SETTERS</b>				
JOURNEY LEVEL	\$38.62	1M	5A	
<b>METAL FABRICATION (IN SHOP)</b>				
FITTER/WELDER	\$10.79	1		
PAINTER	\$8.55	1		
<b>MODULAR BUILDINGS</b>				
JOURNEY LEVEL	\$8.55	1		
<b>PAINTERS</b>				
JOURNEY LEVEL	\$34.87	2B	6Z	
<b>PLASTERERS</b>				
JOURNEY LEVEL	\$10.00	1		
<b>PLAYGROUND &amp; PARK EQUIPMENT INSTALLERS</b>				
JOURNEY LEVEL	\$8.55	1		

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<b>PLUMBERS &amp; PIPEFITTERS</b>				
JOURNEY LEVEL	\$27.67	1		
<b>POWER EQUIPMENT OPERATORS</b>				
A-FRAME TRUCK (2 OR MORE DRUMS)	\$35.74	1M	5D	8D
A-FRAME TRUCK (SINGLE DRUM)	\$35.13	1M	5D	8D
ASPHALT PLANT OPERATOR	\$36.34	1M	5D	8D
ASSISTANT PLANT FIREMAN OR PUGMIXER	\$35.13	1M	5D	8D
ASSISTANT REFRIGERATION PLANT & CHILLER (OVER 1000 TONS)	\$35.74	1M	5D	8D
ASSISTANT REFRIGERATION PLANT (UNDER 1000 TON)	\$35.13	1M	5D	8D
AUTOMATIC SUBGRADER (DITCHES & TRIMMERS)	\$36.34	1M	5D	8D
BACKFILLERS (CLEVELAND & SIMILAR)	\$35.74	1M	5D	8D
BACKHOE & HOE RAM ( UNDER 3/4 YARD)	\$36.06	1M	5D	8D
BACKHOE & HOE RAM (3/4 - 3 YD)	\$36.34	1M	5D	8D
BACKHOE (45,000 GW & UNDER)	\$36.06	1M	5D	8D
BACKHOE (45,000 GW TO 110,000 GW)	\$36.34	1M	5D	8D
BACKHOE (OVER 110,000 GW)	\$36.61	1M	5D	8D
BACKHOE, (3 YD & OVER)	\$36.61	1M	5D	8D
BATCH & WET MIX (MULTIPLE UNITS)	\$36.34	1M	5D	8D
BATCH PLANT & WET MIX (SINGLE UNIT)	\$35.74	1M	5D	8D
BATCH PLANT (OVER 4 UNITS)	\$36.34	1M	5D	8D
BELT FINISHING MACHINE	\$35.13	1M	5D	8D
BELT-CRETE CONVEYORS WITH POWER PACK	\$35.74	1M	5D	8D
BENDING MACHINE	\$35.74	1M	5D	8D
BIT GRINDERS	\$34.81	1M	5D	8D
BLADE (FINISH & BLUETOP) (AUTOMATIC, CMI, ABC)	\$36.61	1M	5D	8D
BLADE (FINISH ATHEY & HUBER)	\$36.61	1M	5D	8D
BLADE (MOTOR PATROL & ATTACHMENTS)	\$36.34	1M	5D	8D
BLOWER OPERATOR (CEMENT)	\$35.13	1M	5D	8D
BOAT OPERATORS	\$34.26	1M	5D	8D
BOBCAT (SKID STEER)	\$35.74	1M	5D	8D
BOLT THREADING MACHINE	\$34.81	1M	5D	8D
BOOM CATS (SIDE)	\$36.34	1M	5D	8D
BORING MACHINE (EARTH)	\$35.74	1M	5D	8D
BORING MACHINE (ROCK)	\$35.74	1M	5D	8D
BUMP CUTTER (WAYNE, SAGINAU OR SIMILAR)	\$35.74	1M	5D	8D
CABLEWAY CONTROLLER (DISPATCHER )	\$36.34	1M	5D	8D
CABLEWAY OPERATORS	\$36.61	1M	5D	8D
CANAL LINING MACHINE (CONCRETE)	\$35.74	1M	5D	8D
CARRYDECK & BOOM TRUCK	\$36.06	1M	5D	8D
CEMENT HOG	\$35.13	1M	5D	8D
CHIPPER (WITHOUT CRANE)	\$35.74	1M	5D	8D
CLEANING & DOPING MACHINE (PIPELINE)	\$35.74	1M	5D	8D
COMPACTOR, SELF PROPELLED WITH BLADE	\$36.34	1M	5D	8D
COMPRESSORS (OVER 2000 CFM, 2 OR MORE)	\$35.13	1M	5D	8D
COMPRESSORS (UNDER 2000 CFM, GAS, DIESEL)	\$34.81	1M	5D	8D
CONCRETE CLEANING/DECONTAMINATION MACHINE OPERATOR	\$36.61	1M	5D	8D
CONCRETE PUMP BOOM TRUCK	\$36.34	1M	5D	8D
CONCRETE PUMPS (SQUEEZE-CRETE, FLOW-CRETE)	\$35.90	1M	5D	8D
CONCRETE SAW (MULTIPLE CUT)	\$35.13	1M	5D	8D
CONCRETE SLIP FORM PAVER	\$36.34	1M	5D	8D
CRANES, 25 TON & UNDER	\$36.06	1M	5D	8D

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CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$36.34	1M	5D	8D
CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$36.84	1M	5D	8D
CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$37.14	1M	5D	8D
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$36.61	1M	5D	8D
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$37.09	1M	5D	8D
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$37.41	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$37.71	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$38.21	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$38.51	1M	5D	8D
CRUSHER FEEDERMAN	\$34.26	1M	5D	8D
CRUSHER, GRIZZLE & SCREENING PLANT	\$36.34	1M	5D	8D
DECK ENGINEER	\$35.74	1M	5D	8D
DECK HAND	\$34.81	1M	5D	8D
DERRICKS & STIFFLEGS ( UNDER 65 TON)	\$36.06	1M	5D	8D
DERRICKS & STIFFLEGS (65 TON & OVER)	\$36.61	1M	5D	8D
DISTRIBUTOR LEVERMAN	\$35.13	1M	5D	8D
DITCH WITCH OR SIMILAR	\$35.13	1M	5D	8D
DOPE POTS (POWER AGITATED)	\$35.13	1M	5D	8D
DOZER, 834 R/T & SIMILAR	\$36.34	1M	5D	8D
DOZER, MULTIPLE UNITS WITH SINGLE BLADE	\$36.34	1M	5D	8D
DRILL DOCTOR	\$36.34	1M	5D	8D
DRILLERS HELPER	\$34.81	1M	5D	8D
DRILLING EQUIPMENT (8 INCH BIT & OVER)	\$36.06	1M	5D	8D
DRILLS (CHURN, CORE, CALYX OR DIAMOND)	\$35.90	1M	5D	8D
ELEVATING BELT (HOLLAND TYPE)	\$36.61	1M	5D	8D
ELEVATOR HOISTING MATERIALS	\$35.13	1M	5D	8D
EQUIPMENT SERVICEMAN, GREASER AND OILER	\$35.90	1M	5D	8D
FIREMAN & HEATER TENDER	\$34.81	1M	5D	8D
FORK LIFT OR LUMBER STACKER, HYDRA-LIFT	\$35.13	1M	5D	8D
GENERATOR PLANT ENGINEERS (DIESEL, ELECTRIC)	\$35.74	1M	5D	8D
GIN TRUCKS (PIPELINE)	\$35.13	1M	5D	8D
GRADE CHECKER	\$36.06	1M	5D	8D
GUNITE COMBINATION MIXER & COMPRESSOR	\$35.74	1M	5D	8D
H.D. MECHANIC	\$36.61	1M	5D	8D
H.D. WELDER	\$36.61	1M	5D	8D
HEAVY EQUIPMENT ROBOTICS OPERATOR	\$36.61	1M	5D	8D
HELICOPTER PILOT	\$37.71	1M	5D	8D
HELPER, OF H.D. MECHANIC & H.D. WELDER	\$34.26	1M	5D	8D
HOE RAM	\$36.06	1M	5D	8D
HOIST (2 OR MORE DRUMS OR TOWER HOIST)	\$35.90	1M	5D	8D
HOIST (SINGLE-DRUM)	\$35.13	1M	5D	8D
HYDRO SEEDER, MULCHER, NOZZLEMAN	\$34.81	1M	5D	8D
LOADER (360 DEGREES REVOLVING KOEHRING)	\$36.61	1M	5D	8D
LOADER, BELT (KOCAL OR SIMILAR)	\$35.74	1M	5D	8D

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LOADER, ELEVATING BELT-TYPE (EUCLID, BARBER)	\$35.74	1M	5D	8D
LOADER, ELEVATING GRADER TYPE (DUMOR, ADAMS)	\$35.74	1M	5D	8D
LOADERS (BUCKET, ELEVATOR & CONVEYORS)	\$35.13	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( UNDER 4 YD)	\$35.90	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( 4 - 8 YD)	\$36.34	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( 8 - 10 YD)	\$36.61	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END (10 YD & OVER)	\$37.71	1M	5D	8D
LOCOMOTIVE ENGINEER	\$35.74	1M	5D	8D
LONGITUDINAL FLOAT	\$35.13	1M	5D	8D
MASTER ENVIRONMENTAL MAINTENANCE TECHNICIAN	\$36.61	1M	5D	8D
MIXER (PORTABLE-CONCRETE)	\$35.13	1M	5D	8D
MIXERMOBILE	\$35.74	1M	5D	8D
MUCKING MACHINE	\$35.74	1M	5D	8D
OILER	\$34.26	1M	5D	8D
OILER DRIVER & CABLE TENDER, MUCKING MACHINE	\$34.81	1M	5D	8D
PAVE OR CURB EXTRUDER ASPHALT & CONCRETE	\$35.90	1M	5D	8D
PAVEMENT BREAKER, HYDRAHAMMER & SIMILAR	\$35.13	1M	5D	8D
PAVING (DUAL DRUM)	\$36.06	1M	5D	8D
PAVING MACHINE (ASPHALT OR CONCRETE)	\$36.34	1M	5D	8D
PILEDIVING ENGINEERS	\$36.06	1M	5D	8D
POSTHOLE AUGER OR PUNCH	\$35.74	1M	5D	8D
POWER BROOM	\$35.13	1M	5D	8D
PROBE TENDER (ROTO-MILL)	\$35.13	1M	5D	8D
PUMP (GROUT OR JET)	\$35.74	1M	5D	8D
PUMP OPERATOR (WATER)	\$34.81	1M	5D	8D
QUAD-TRACK OR SIMILAR EQUIPMENT	\$36.34	1M	5D	8D
RAILROAD BALLAST REGULATION SELF-PROPELLED	\$35.13	1M	5D	8D
RAILROAD POWER TAMPER (SELF-PROPELLED)	\$35.13	1M	5D	8D
RAILROAD POWER TAMPER JACK (SELF-PROPELLED)	\$35.13	1M	5D	8D
RAILROAD TRACK LINER OPERATOR (SELF-PROPELLED)	\$36.06	1M	5D	8D
REFRIGERATION PLANT ENGINEER (1000 TONS & OVER)	\$36.06	1M	5D	8D
REFRIGERATION PLANT ENGINEERS (UNDER 1000 TONS)	\$35.90	1M	5D	8D
ROLLER OPERATOR (FINISHING PAVEMENT)	\$36.34	1M	5D	8D
ROLLERS, ALL TYPES ON SUBGRADE (FARM TYPE)	\$34.81	1M	5D	8D
ROTO-MILL PAVEMENT PROFILER	\$36.34	1M	5D	8D
SCRAPER, BAGLEY OR STATIONARY	\$35.13	1M	5D	8D
SCRAPERS, ALL, RUBBER-TIRED	\$36.34	1M	5D	8D
SCRAPERS, RUBBER-TIRED (MULTI-ENGINE WITH 3 OR MORE SCRAPERS)	\$36.61	1M	5D	8D
SCREED OPERATOR	\$36.34	1M	5D	8D
SHOVELS, (3 YD & OVER)	\$36.61	1M	5D	8D
SHOVELS, (UNDER 3 YD)	\$36.34	1M	5D	8D
SIGNALMEN (WHIRLEYS, HIGHLINE, HAMMERHEADS)	\$36.06	1M	5D	8D
SKIDDER, RUBBER-TIRED (R/T, WITH OR WITHOUT ATTACHMENTS)	\$35.90	1M	5D	8D
SOIL STABILIZER (P & H OR SIMILAR)	\$35.74	1M	5D	8D
SPRAY CURING MACHINE-CONCRETE	\$35.13	1M	5D	8D
SPREADER BOX (SELF-PROPELLED)	\$35.13	1M	5D	8D
SPREADER MACHINE	\$35.74	1M	5D	8D
STEAM CLEANER	\$34.26	1M	5D	8D
STRADDLE BUGGY (ROSS & SIMILAR)	\$35.13	1M	5D	8D
SURFACE HEATER & PLANNER MACHINE	\$35.90	1M	5D	8D
TRACTOR, FARM-TYPE R/T WITH ATTACHMENTS	\$35.13	1M	5D	8D

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TRACTOR, TO D-6 OR EQUIVALENT & OVER	\$36.34	1M	5D	8D
TRACTOR, TO D-6 OR EQUIVALENT & TRAXCAVATOR	\$35.74	1M	5D	8D
TRAVERSE FINISHING MACHINE	\$35.74	1M	5D	8D
TRENCHING MACHINES (7 FT DEPTH & OVER)	\$36.34	1M	5D	8D
TRENCHING MACHINES (UNDER 7 FT DEPTH)	\$35.90	1M	5D	8D
TUG BOAT OPERATOR	\$36.34	1M	5D	8D
TUGGER OPERATOR	\$35.13	1M	5D	8D
TURNHEAD (WITH RE-SCREENING)	\$35.90	1M	5D	8D
TURNHEAD OPERATOR	\$35.74	1M	5D	8D
ULTRA HIGH PRESSURE WATERJET CUTTING TOOL SYSTEM OPERATOR (30,000 PSI)	\$36.61	1M	5D	8D
VACTOR GUZZLER, SUPER SUCKER	\$36.34	1M	5D	8D
VACUUM BLASTING MACHINE OPERATOR	\$36.61	1M	5D	8D
VACUUM DRILL (REVERSE CIRCULATION DRILL)	\$35.90	1M	5D	8D
WELDING MACHINES	\$34.81	1M	5D	8D
WHIRLEYS & HAMMERHEADS, ALL	\$36.61	1M	5D	8D
<b>POWER LINE CLEARANCE TREE TRIMMERS</b>				
JOURNEY LEVEL IN CHARGE	\$40.79	4A	5A	
SPRAY PERSON	\$38.73	4A	5A	
TREE EQUIPMENT OPERATOR	\$39.25	4A	5A	
TREE TRIMMER	\$36.50	4A	5A	
TREE TRIMMER GROUNDPERSON	\$27.55	4A	5A	
<b>REFRIGERATION &amp; AIR CONDITIONING MECHANICS</b>				
MECHANIC	\$27.67	1		
<b>RESIDENTIAL BRICK MASON</b>				
JOURNEY LEVEL	\$38.62	1M	5A	
<b>RESIDENTIAL CARPENTERS</b>				
JOURNEY LEVEL	\$17.49	1		
<b>RESIDENTIAL CEMENT MASONS</b>				
JOURNEY LEVEL	\$9.50	1		
<b>RESIDENTIAL DRYWALL TAPERS</b>				
JOURNEY LEVEL	\$14.00	1		
<b>RESIDENTIAL ELECTRICIANS</b>				
JOURNEY LEVEL	\$22.95	1		
<b>RESIDENTIAL GLAZIERS</b>				
JOURNEY LEVEL	\$13.80	1		
<b>RESIDENTIAL INSULATION APPLICATORS</b>				
JOURNEY LEVEL	\$10.00	1		
<b>RESIDENTIAL LABORERS</b>				
JOURNEY LEVEL	\$11.10	1		
<b>RESIDENTIAL MARBLE SETTERS</b>				
JOURNEY LEVEL	\$38.62	1M	5A	
<b>RESIDENTIAL PAINTERS</b>				
JOURNEY LEVEL	\$13.52	1		
<b>RESIDENTIAL PLUMBERS &amp; PIPEFITTERS</b>				
JOURNEY LEVEL	\$21.17	1		
<b>RESIDENTIAL REFRIGERATION &amp; AIR CONDITIONING MECHANICS</b>				
JOURNEY LEVEL	\$21.17	1		
<b>RESIDENTIAL SHEET METAL WORKERS</b>				
JOURNEY LEVEL (FIELD OR SHOP)	\$26.53	1		
<b>RESIDENTIAL SOFT FLOOR LAYERS</b>				
JOURNEY LEVEL	\$22.77	1		

**GRANT COUNTY  
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(See Benefit Code Key)

<u>Classification</u>	<u>PREVAILING WAGE</u>	<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
<b>RESIDENTIAL SPRINKLER FITTERS (FIRE PROTECTION)</b>				
JOURNEY LEVEL	\$16.84	1		
<b>RESIDENTIAL STONE MASONS</b>				
JOURNEY LEVEL	\$38.62	1M	5A	
<b>RESIDENTIAL TERRAZZO WORKERS</b>				
JOURNEY LEVEL	\$8.55	1		
<b>RESIDENTIAL TERRAZZO/TILE FINISHERS</b>				
JOURNEY LEVEL	\$17.00	1		
<b>RESIDENTIAL TILE SETTERS</b>				
JOURNEY LEVEL	\$8.55	1		
<b>ROOFERS</b>				
JOURNEY LEVEL	\$26.11	1		
<b>SHEET METAL WORKERS</b>				
JOURNEY LEVEL (FIELD OR SHOP)	\$44.27	1B	6Z	
<b>SIGN MAKERS &amp; INSTALLERS (ELECTRICAL)</b>				
JOURNEY LEVEL	\$50.65	1E	5B	
<b>SIGN MAKERS &amp; INSTALLERS (NON-ELECTRICAL)</b>				
JOURNEY LEVEL	\$14.65	1		
<b>SOFT FLOOR LAYERS</b>				
JOURNEY LEVEL	\$22.77	1		
<b>SOLAR CONTROLS FOR WINDOWS</b>				
JOURNEY LEVEL	\$8.55	1		
<b>SPRINKLER FITTERS (FIRE PROTECTION)</b>				
JOURNEY LEVEL	\$47.35	1R	5Q	
<b>STAGE RIGGING MECHANICS (NON STRUCTURAL)</b>				
JOURNEY LEVEL	\$13.23	1		
<b>STONE MASONS</b>				
JOURNEY LEVEL	\$38.62	1M	5A	
<b>STREET AND PARKING LOT SWEEPER WORKERS</b>				
JOURNEY LEVEL	\$14.00	1		
<b>SURVEYORS</b>				
CHAIN PERSON	\$9.25	1		
INSTRUMENT PERSON	\$12.05	1		
PARTY CHIEF	\$15.05	1		
<b>TELECOMMUNICATION TECHNICIANS</b>				
TELECOMMUNICATION TECHNICIANS JOURNEY LEVEL	\$17.65	1		
<b>TELEPHONE LINE CONSTRUCTION - OUTSIDE</b>				
CABLE SPLICER	\$32.27	2B	5A	
HOLE DIGGER/GROUND PERSON	\$18.10	2B	5A	
INSTALLER (REPAIRER)	\$30.94	2B	5A	
JOURNEY LEVEL TELEPHONE LINEPERSON	\$30.02	2B	5A	
SPECIAL APPARATUS INSTALLER I	\$32.27	2B	5A	
SPECIAL APPARATUS INSTALLER II	\$31.62	2B	5A	
TELEPHONE EQUIPMENT OPERATOR (HEAVY)	\$32.27	2B	5A	
TELEPHONE EQUIPMENT OPERATOR (LIGHT)	\$30.02	2B	5A	
TELEVISION LINEPERSON/INSTALLER	\$22.73	2B	5A	
TELEVISION SYSTEM TECHNICIAN	\$27.09	2B	5A	
TELEVISION TECHNICIAN	\$24.35	2B	5A	
TREE TRIMMER	\$30.02	2B	5A	
<b>TERRAZZO WORKERS</b>				
JOURNEY LEVEL	\$30.37	1M	5A	

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<u>Classification</u>	<u>PREVAILING WAGE</u>	(See Benefit Code Key)		
		<u>Over Time Code</u>	<u>Holiday Code</u>	<u>Note Code</u>
<b>TILE SETTERS</b>				
JOURNEY LEVEL	\$30.37	1M	5A	
<b>TILE, MARBLE &amp; TERRAZZO FINISHERS</b>				
FINISHER	\$26.29	1M	5A	
<b>TRAFFIC CONTROL STRIPERS</b>				
JOURNEY LEVEL	\$38.90	1K	5A	
<b>TRUCK DRIVERS</b>				
DUMP TRUCK	\$26.09	1		
DUMP TRUCK & TRAILER	\$26.09	1		
OTHER TRUCKS	\$27.84	1		
TRANSIT MIXER	\$10.00	1		
<b>WELL DRILLERS &amp; IRRIGATION PUMP INSTALLERS</b>				
IRRIGATION PUMP INSTALLER	\$13.61	1		
OILER	\$9.20	1		
WELL DRILLER	\$18.00	1		

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### OVERTIME CODES

**OVERTIME CALCULATIONS ARE BASED ON THE HOURLY RATE ACTUALLY PAID TO THE WORKER. ON PUBLIC WORKS PROJECTS, THE HOURLY RATE MUST BE NOT LESS THAN THE PREVAILING RATE OF WAGE MINUS THE HOURLY RATE OF THE COST OF FRINGE BENEFITS ACTUALLY PROVIDED FOR THE WORKER.**

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
  - A. ALL HOURS WORKED ON SATURDAYS, SUNDAYS AND HOLIDAYS SHALL ALSO 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.
  - 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.
  - L. 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.
  - 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.
  - 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.

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  - 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.
  - T. 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. 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.
  - 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.
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.
  - A. THE FIRST SIX (6) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF SIX (6) HOURS ON SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT TWO 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.

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- D. ALL HOURS WORKED ON SATURDAYS AND SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. THE FIRST EIGHT (8) HOURS WORKED ON HOLIDAYS SHALL BE PAID AT STRAIGHT TIME IN ADDITION TO THE HOLIDAY PAY. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS ON HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- E. ALL HOURS WORKED ON SATURDAYS OR HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS OR ON LABOR DAY 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.
- 2. I. ALL HOURS WORKED ON SATURDAYS AND HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND ON LABOR DAY SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.
- J. ALL HOURS WORKED ON SUNDAYS 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 THE HOLIDAY PAY. ALL HOURS WORKED ON UNPAID HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.
- K. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE IN ADDITION TO THE HOLIDAY PAY.
- L. ALL HOURS WORKED ON SATURDAYS (OR ON THE REGULAR DAY OFF DURING A WORKWEEK OTHER THAN MONDAY THROUGH FRIDAY) AND HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE, EXCEPT LABOR DAY WHICH SHALL BE PAID AT DOUBLE THE HOURLY RATE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
- M. ALL HOURS WORKED ON SATURDAYS, SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
- O. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- P. THE FIRST EIGHT (8) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS ON SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.
- Q. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT DOUBLE 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.
- S. 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, EXCEPT THE DAY AFTER THANKSGIVING, THE DAY AFTER CHRISTMAS AND A FLOATING HOLIDAY, WHICH SHALL BE PAID AT THE STRAIGHT TIME RATE IF WORKED, IN ADDITION TO HOLIDAY PAY.
- T. ALL HOURS WORKED ON SUNDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT TWO AND ONE-HALF TIMES THE HOURLY RATE OF PAY, AND THIS RATE SHALL INCLUDE HOLIDAY PAY.
- 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.
- V. ALL HOURS WORKED ON SATURDAYS AND ON MAKE-UP 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.

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- 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.
- X. ALL HOURS WORKED MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 6:00 P.M. AND 6:00 A.M. AND ALL HOURS 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.

- 4A. 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.

**HOLIDAY CODES**

- 5. A. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7).
- B. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (8).
- C. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).
- D. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AND SATURDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).
- E. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, PRESIDENTIAL ELECTION DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).
- F. 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, AND CHRISTMAS DAY (11).
- G. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE LAST WORK DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (7).
- 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).
- M. HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS AND CHRISTMAS DAY (9).
- 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.

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- 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).
5. 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).
- U. PAID HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY (8).
- V. PAID HOLIDAYS: SIX (6) PAID HOLIDAYS.
- W. PAID HOLIDAYS: NINE (9) PAID HOLIDAYS.
- X. HOLIDAYS: AFTER 520 HOURS - NEW YEAR'S DAY, THANKSGIVING DAY AND CHRISTMAS DAY. AFTER 2080 HOURS - NEW YEAR'S DAY, WASHINGTON'S BIRTHDAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, CHRISTMAS DAY AND A FLOATING HOLIDAY (8).
- Y. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, PRESIDENTIAL ELECTION DAY, THANKSGIVING DAY, THE FRIDAY FOLLOWING THANKSGIVING DAY, AND CHRISTMAS DAY (8).
- 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).
- B. PAID HOLIDAYS: NEW YEAR'S EVE DAY, NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS EVE'S DAY, AND CHRISTMAS DAY (9).
- C. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE DAY AFTER THANKSGIVING DAY, THE LAST WORK DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (9).
- D. PAID HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, THE DAY BEFORE OR THE DAY AFTER CHRISTMAS DAY (9).
- 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, DAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND A HALF-DAY ON CHRISTMAS EVE DAY. (9 1/2).
- F. PAID HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS' DAY, THANKSGIVING DAY, THE DAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (11).
- G. PAID HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS' DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND CHRISTMAS EVE DAY (11).
- H. PAID HOLIDAYS: NEW YEAR'S DAY, NEW YEAR'S EVE DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, THE DAY AFTER CHRISTMAS, AND A FLOATING HOLIDAY (10).
- I. PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7).
- J. 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).
- L. 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)
- Q. PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS DAY, THANKSGIVING DAY, THE DAY AFTER THANKSGIVING DAY AND CHRISTMAS DAY (8). UNPAID HOLIDAY: PRESIDENTS' DAY.

**BENEFIT CODE KEY - EFFECTIVE 03-03-2010**

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- 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).
- U. HOLIDAYS: NEW YEAR'S DAY, DAY BEFORE NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS DAY, CHRISTMAS DAY (9).
- V. PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS EVE DAY, CHRISTMAS DAY, AND ONE DAY OF THE EMPLOYEE'S CHOICE (9).
- W. PAID HOLIDAYS: NEW YEAR'S DAY, DAY BEFORE NEW YEAR'S DAY, PRESIDENTS DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, DAY BEFORE OR AFTER CHRISTMAS DAY (10).
- X. PAID HOLIDAYS: NEW YEAR'S DAY, DAY BEFORE OR AFTER NEW YEAR'S DAY, PRESIDENTS DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, DAY BEFORE OR AFTER CHRISTMAS DAY, EMPLOYEE'S BIRTHDAY (11).
- Y. PAID HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND A FLOATING HOLIDAY (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.

**NOTE CODES**

- 8. A. IN ADDITION TO THE HOURLY WAGE AND FRINGE BENEFITS, THE FOLLOWING 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 100' TO 150' - \$3.00 PER FOOT FOR EACH FOOT OVER 100 FEET
  - OVER 150' TO 220' - \$4.00 PER FOOT FOR EACH FOOT OVER 150 FEET
  - OVER 220' - \$5.00 PER FOOT FOR EACH FOOT OVER 220 FEET
- C. IN ADDITION TO THE HOURLY WAGE AND FRINGE BENEFITS, THE FOLLOWING DEPTH PREMIUMS APPLY TO DEPTHS OF FIFTY FEET OR MORE:
  - OVER 50' TO 100' - \$1.00 PER FOOT FOR EACH FOOT OVER 50 FEET
  - OVER 100' TO 150' - \$1.50 PER FOOT FOR EACH FOOT OVER 100 FEET
  - OVER 150' TO 200' - \$2.00 PER FOOT FOR EACH FOOT OVER 150 FEET
  - OVER 200' - DIVERS MAY NAME THEIR OWN PRICE
- 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.

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

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

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

State of Washington  
 Department of Labor and Industries  
 Prevailing Wage Section - Telephone (360) 902-  
 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, workers' wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements is provided on the Benefit Code Key.

**METAL FABRICATION (IN SHOP)  
 EFFECTIVE 03/03/2010**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
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Counties Covered:

**ADAMS, ASOTIN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, KITTITAS  
 LINCOLN, OKANOGAN, PEND ORIELLE, STEVENS, WALLA WALLA AND WHITMAN**

FITTER/WELDER	\$12.76	1
LABORER	\$8.55	1
MACHINE OPERATOR	\$12.66	1
PAINTER	\$10.20	1

Counties Covered:

**BENTON**

MACHINE OPERATOR	\$10.53	1
PAINTER	\$9.76	1
WELDER	\$16.70	1

Counties Covered:

**CHELAN**

FITTER	\$15.04	1
LABORER	\$9.54	1
MACHINE OPERATOR	\$9.71	1
PAINTER	\$9.93	1
WELDER	\$12.24	1

Counties Covered:

**CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, LEWIS, MASON, PACIFIC  
 SAN JUAN AND SKAGIT**

FITTER/WELDER	\$15.16	1
LABORER	\$11.13	1
MACHINE OPERATOR	\$10.66	1
PAINTER	\$11.41	1

**METAL FABRICATION (IN SHOP)  
EFFECTIVE 03/03/2010**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>CLARK</b>			
FITTER	\$27.49	1E	6H
LABORER	\$19.21	1E	6H
LAYEROUT	\$28.77	1E	6H
MACHINE OPERATOR	\$28.77	1E	6H
PAINTER	\$25.31	1E	6H
WELDER	\$26.89	1E	6H
Counties Covered: <b>COWLITZ</b>			
MACHINE OPERATOR	\$25.33	1B	6V
FITTER	\$25.33	1B	6V
WELDER	\$25.33	1B	6V
Counties Covered: <b>GRANT</b>			
FITTER/WELDER	\$10.79	1	
PAINTER	\$8.55	1	
Counties Covered: <b>KING</b>			
FITTER	\$15.86	1	
LABORER	\$9.78	1	
MACHINE OPERATOR	\$13.04	1	
PAINTER	\$11.10	1	
WELDER	15.48		
Counties Covered: <b>KITSAP</b>			
FITTER	\$26.96	1	
LABORER	\$8.55	1	
MACHINE OPERATOR	\$13.83	1	
WELDER	\$13.83	1	

**METAL FABRICATION (IN SHOP)  
EFFECTIVE 03/03/2010**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>KLICKITAT, SKAMANIA, WAHKIAKUM</b>			
FITTER/WELDER	\$16.99	1	
LABORER	\$10.44	1	
MACHINE OPERATOR	\$17.21	1	
PAINTER	\$17.03	1	
Counties Covered: <b>PIERCE</b>			
FITTER	\$15.25	1	
LABORER	\$10.32	1	
MACHINE OPERATOR	\$13.98	1	
WELDER	\$13.98	1	
Counties Covered: <b>SNOHOMISH</b>			
FITTER/WELDER	\$15.38	1	
LABORER	\$9.79	1	
MACHINE OPERATOR	\$8.84	1	
PAINTER	\$9.98	1	
Counties Covered: <b>SPOKANE</b>			
FITTER	\$12.59	1	
LABORER	\$8.55	1	
MACHINE OPERATOR	\$13.26	1	
PAINTER	\$10.27	1	
WELDER	\$10.80	1	

**METAL FABRICATION (IN SHOP)  
EFFECTIVE 03/03/2010**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>THURSTON</b>			
FITTER	\$27.10	2U	6T
LABORER	16.91	2U	6T
LAYEROUT	\$30.63	2U	6T
MACHINE OPERATOR	\$20.86	2U	6T
WELDER	\$24.74	2U	6T
Counties Covered: <b>WHATCOM</b>			
FITTER/WELDER	\$13.81	1	
LABORER	\$9.00	1	
MACHINE OPERATOR	\$13.81	1	
Counties Covered: <b>YAKIMA</b>			
FITTER	\$12.00	1	
LABORER	\$10.31	1	
MACHINE OPERATOR	\$11.32	1	
PAINTER	\$12.00	1	
WELDER	\$11.32	1	

**FABRICATED PRECAST CONCRETE PRODUCTS  
EFFECTIVE 03/03/2010**

\*\*\*\*\*

(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, WALLA WALLA AND WHITMAN</b>			
ALL CLASSIFICATIONS	\$9.96	1	
Counties Covered: <b>CHELAN, KITTITAS, KLUCKITAT AND SKAMANIA</b>			
ALL CLASSIFICATIONS	8.61	1	
Counties Covered: <b>CLALLAM, CLARK, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WAHIAKUM</b>			
ALL CLASSIFICATIONS	\$13.50	1	
Counties Covered: <b>FRANKLIN</b>			
ALL CLASSIFICATIONS	\$11.50	1	
Counties Covered: <b>KING</b>			
ALL CLASSIFICATIONS	\$13.60	2K	5B
Counties Covered: <b>PIERCE</b>			
ALL CLASSIFICATIONS	\$9.28	1	
Counties Covered: <b>SPOKANE</b>			
ALL CLASSIFICATIONS	\$20.23	1	
Counties Covered: <b>WHATCOM</b>			
ALL CLASSIFICATIONS	\$13.67	1	
Counties Covered: <b>YAKIMA</b>			
CRAFTSMAN	\$8.72	1	
LABORER	\$8.55	1	

## **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.

- 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.]

**4-NW Rd., CRP 09-02 -- Permanent Signing Appendix - Sheet #1**

Sign No.	Quantity	Sign Code	Sign Description	Sign Size		Sheeting Type	Color	Letter Size or Code	Post Material	Post Size	Location
				x	y						
1	1	R1-1	Stop	36"	36"	High Intensity Prismatic	R/W	Standard	Wood	4" x 6"	On 4 NE at L NE Southwest corner
2	1	R1-1	Stop	36"	36"	High Intensity Prismatic	R/W	Standard	Wood	4" x 6"	On Brad St NE at 4 NE Northwest corner
3	1	R1-1	Stop	36"	36"	High Intensity Prismatic	R/W	Standard	Wood	4" x 6"	On Dunn St NE at 4 NE Northwest corner
4	1	R1-1	Stop	36"	36"	High Intensity Prismatic	R/W	Standard	Wood	4" x 6"	4-NW at K NE Northeast corner
5	1	R2-1	Speed Limit 35 MPH	24"	30"	High Intensity Prismatic	B/W	Standard	Wood	4" x 4"	On 4-Ne 250' West of L-NE
6	1	R2-1	Speed Limit 35 MPH	24"	30"	High Intensity Prismatic	B/W	Standard	Wood	4" x 4"	On 4-Ne 250' East of K-NE
7	1	W3-1A	Stop Ahead Symbol	36"	36"	High Intensity Prismatic	R/W/Y	Standard	Wood	4" x 6"	On E-NW 750' West of L-NE.
8	1	W3-1A	Stop Ahead Symbol	36"	36"	High Intensity Prismatic	R/W/Y	Standard	Wood	4" x 6"	On E-NW 450' East of K-NE
9	1	W2-2	Side Road	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 450' East of Brad St NE on North side
10	1	W2-2	Side Road	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 450' West of Brad St NE on South side
11	1	W2-2	Side Road	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 450' East of Dunn St NE on North side
12	1	W2-2	Side Road	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 450' West of Dunn St NE on South side
13	1	W14-701	Low Flying Aircraft	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 200' West of L NE on North side
14	1	W14-701	Low Flying Aircraft	30"	30"	High Intensity Prismatic	B/Y	Standard	Wood	4" x 4"	On 4-NE 950' West of L NE on South side
15	2	D3-1	Brad St NE	Varies*	8"	High Intensity Prismatic	B/Y	6" C			Mounted Below Sign #9 and 10
16	2	D3-1	Dunn St NE	Varies*	8"	High Intensity Prismatic	B/Y	6" C			Mounted Below Sign #11 and 12
17	8	D3-1	4 NE	Varies*	8"	High Intensity Prismatic	W/G	6" C			Mounted Above Signs #1, 2, 3, and 4
18	2	D3-1	L NE	Varies*	8"	High Intensity Prismatic	W/G	6" C			Mounted Above Signs #1
19	2	D3-1	Brad St NE	Varies*	8"	High Intensity Prismatic	W/G	6" C			Mounted Above Signs #2
20	2	D3-1	Dunn St NE	Varies*	8"	High Intensity Prismatic	W/G	6" C			Mounted Above Signs #3
21	2	D3-1	K NE	Varies*	8"	High Intensity Prismatic	W/G	6" C			Mounted Above Signs #4
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											

**Construction Notes:      \*\*NO "RD" OR ROAD ON A ROAD NAME SIGN THAT IS ONLY A GRID REF.--4 NE or L NE--\*\***

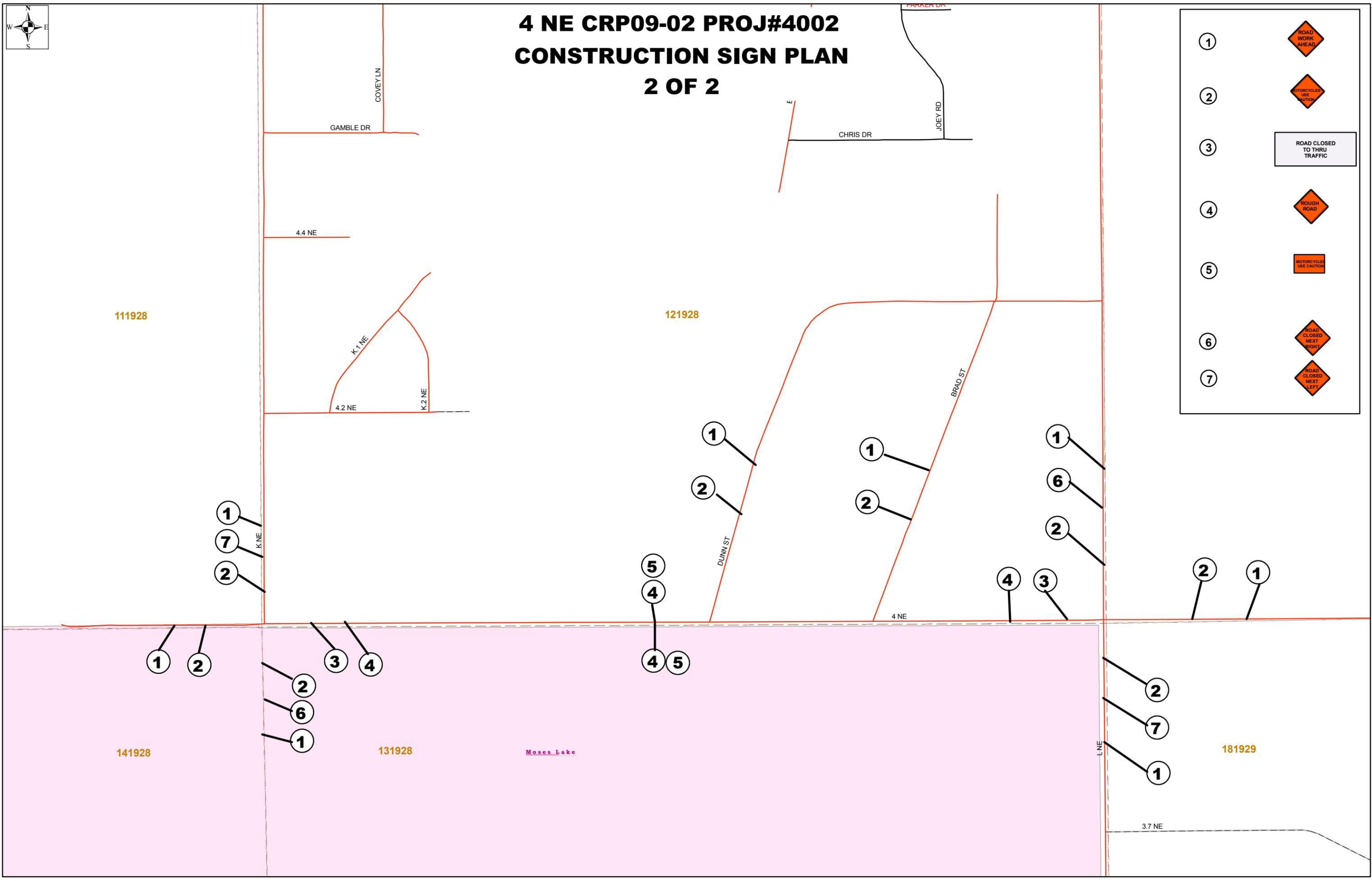
For Code References and Standard Details See Washington State Sign Fabrication Manual.  
 Street Identification Signs shall have 1 inch field borders on the top and bottom and 2 inch field side borders.  
 All letters shall be High Intensity Prismatic.  
 4" x 6" Posts shall be drilled per WSDOT Standard Plan G-22.10-00 "Timber Sign Support".  
 Sign locations will be staked in the field by the Engineer.  
 \* The sign length shall be made as long as necessary to accommodate the message, 24" minimum size.





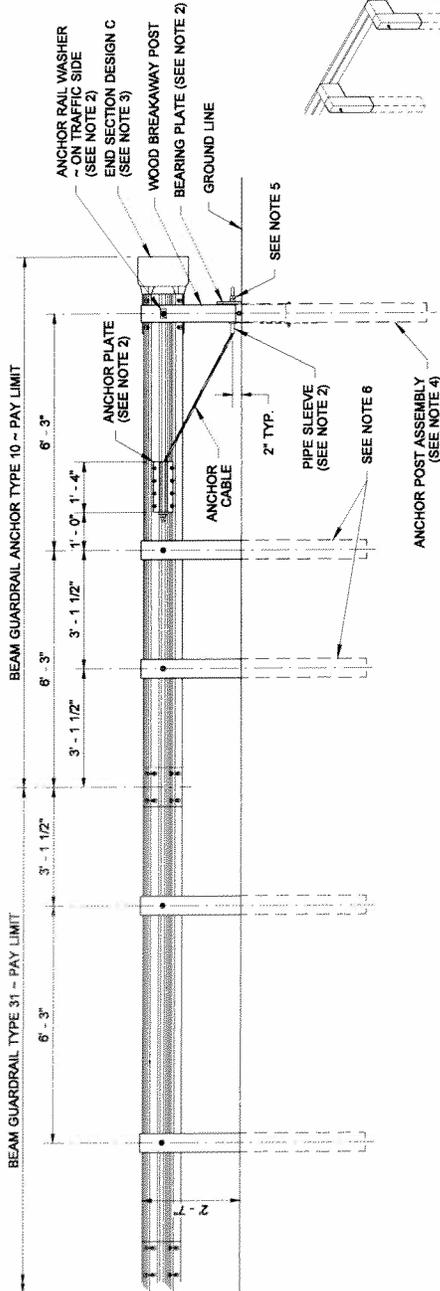
# 4 NE CRP09-02 PROJ#4002 CONSTRUCTION SIGN PLAN 2 OF 2

①	
②	
③	
④	
⑤	
⑥	
⑦	

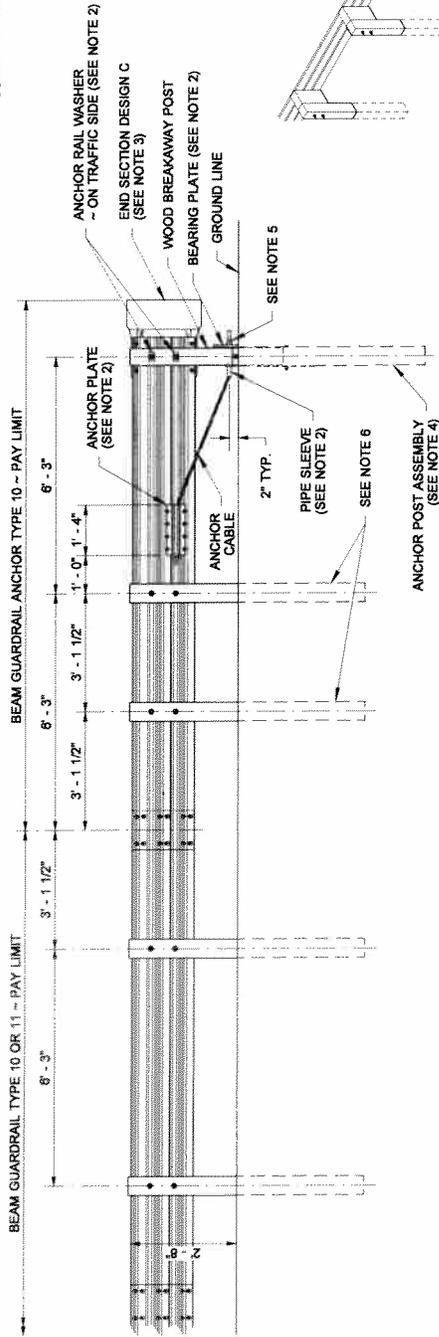


**NOTES**

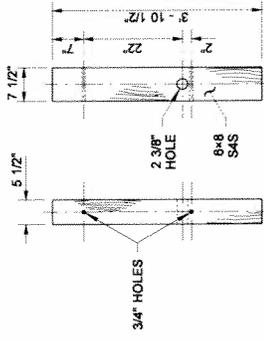
1. For use on the end of guardrail runs when a crashworthy terminal is not required.
2. For additional details not shown, see **Standard Plans C-6c**.
3. For End Section details, see **Standard Plans C-7** and **C7a**.
4. For Anchor Post Assembly details, see **Standard Plan C-1b**. Use detail on this plan for Wood Breakaway Post. (No Block on this post).
5. Fasten the Anchor Cable using two 1" nuts and washer, at both ends of cable. Outside nut shall be torqued against inside nut a minimum of 100 ft.-lbs.
6. Posts shall match those of connecting run: Timber or Steel.



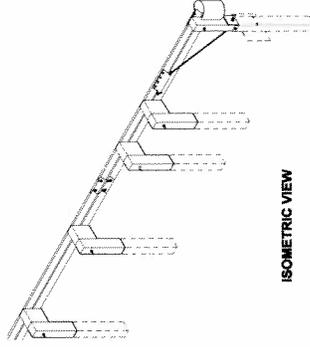
**ELEVATION VIEW  
W-BEAM**



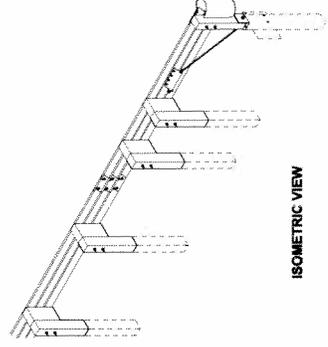
**ELEVATION VIEW  
THRIE BEAM**



**WOOD BREAKAWAY  
POST DETAIL**



**ISOMETRIC VIEW**



**ISOMETRIC VIEW**



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. THE ENGINEER HAS ASSIGNED NO LIABILITY TO ANY PARTY FOR THE USE OF THIS PLAN IN ANY MANNER. THE ENGINEER HAS ASSIGNED NO LIABILITY TO ANY PARTY FOR THE USE OF THIS PLAN IN ANY MANNER. THE ENGINEER HAS ASSIGNED NO LIABILITY TO ANY PARTY FOR THE USE OF THIS PLAN IN ANY MANNER. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL (TYPE 31)  
ANCHOR TYPE 10**

**STANDARD PLAN C-23.60-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

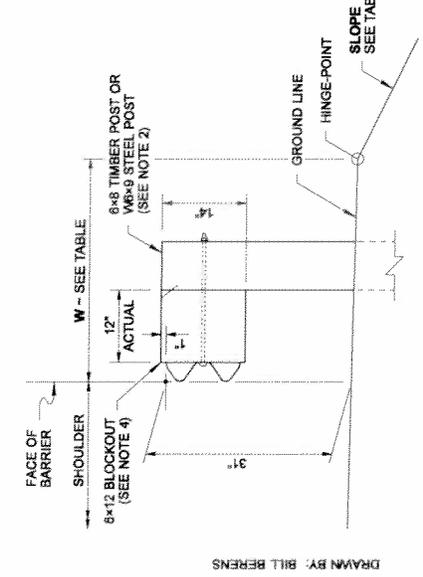
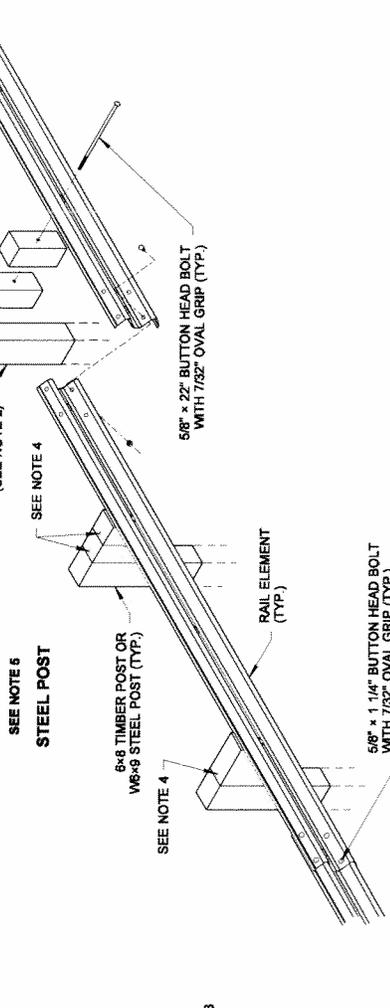
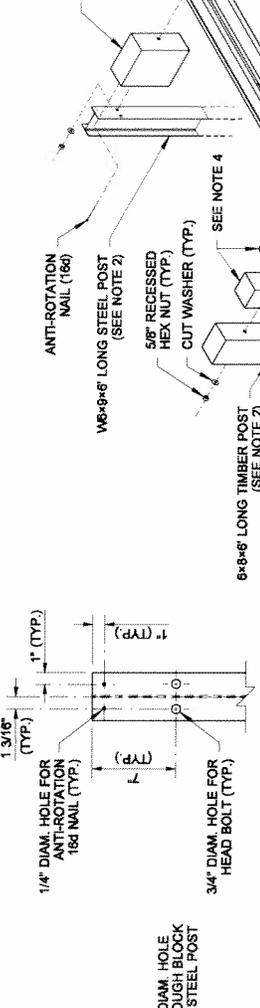
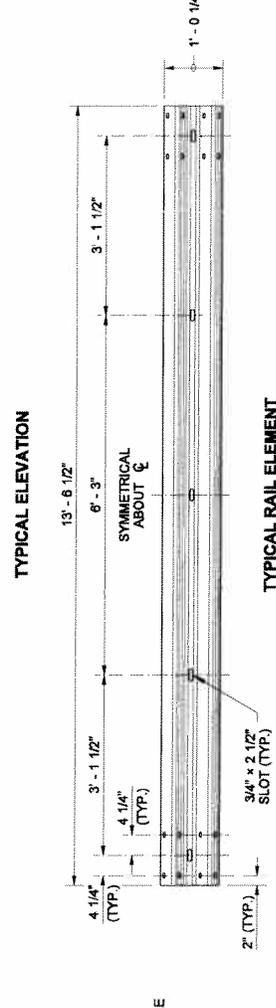
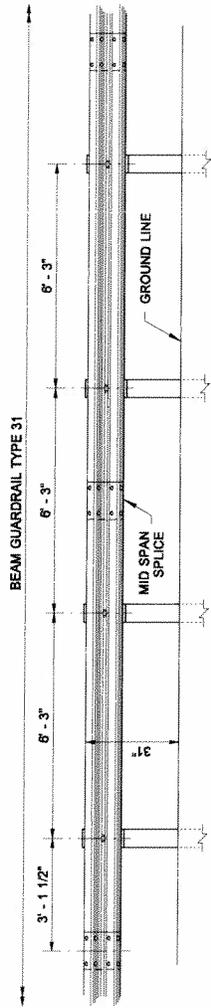
**Pasco Bakotich III** 10-14-09

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



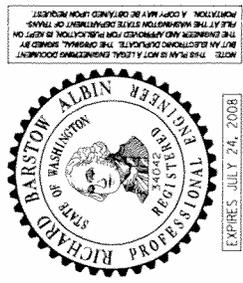




SLOPE \ EMBANKMENT TABLE	
SLOPE	W
2H:1V OR FLATTER	2.5 MIN
STEEPER THAN 2H:1V BUT NOT STEEPER THAN 1H:1V	4.0 MIN

**NOTES**

1. Refer to Standard Plan C-1 and C-1b for additional details not shown on this plan.
2. All posts for any standard barrier run shall be of the same type: Timber or Steel.
3. See Contract for type of curb required. See Standard Plans for dimensions.
4. Use a single or combination of blocks to achieve the actual 12" offset. See Standard Specification 9-16.3 (2) Wood blocks shall be toe-nailed to post (and blocks, if block combinations are utilized) with a 16d galvanized nail to prevent block rotation.
5. On steel posts, attach blockouts using bolt holes on approaching traffic side of post web.



**BEAM GUARDRAIL TYPE 31**  
**STANDARD PLAN C-28.40-00**

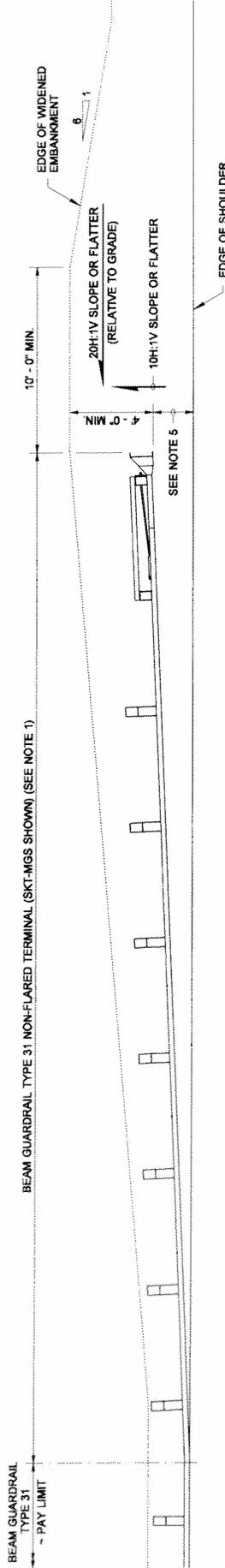
SHEET 1 OF 1 SHEET  
 APPROVED FOR PUBLICATION  
 Ken L. Smith 02-06-07  
 STATE DESIGN ENGINEER DATE  
 Washington State Department of Transportation

ISOMETRIC VIEW

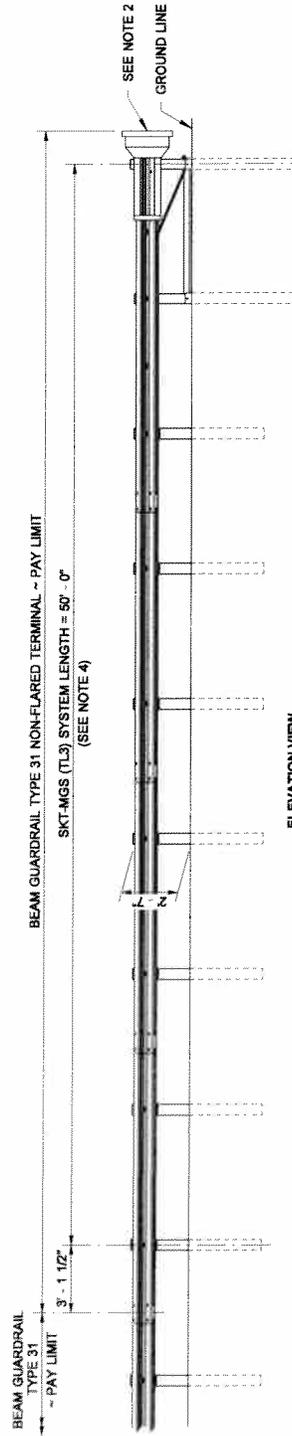
DRAWN BY: BILL BERENS

**NOTES**

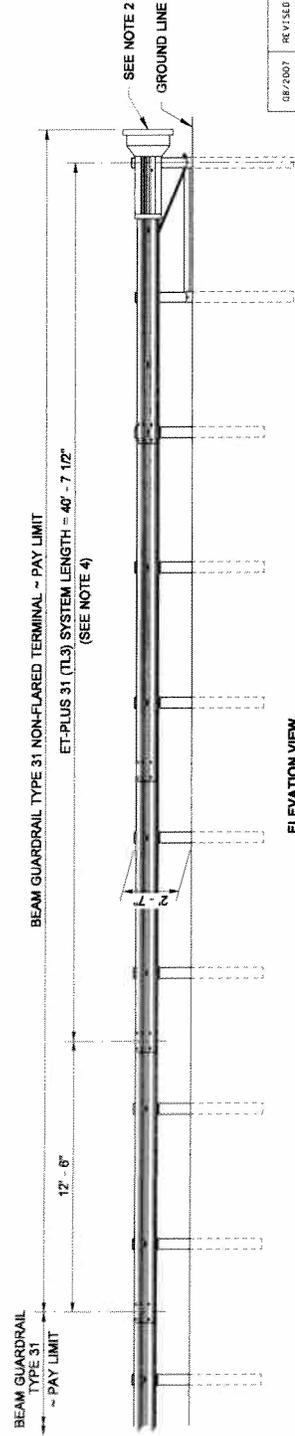
1. An ET-PLUS 31 as manufactured by Trinity Industries, Inc. or an SKT-MGS as manufactured by Road Systems Inc. shall be installed according to manufacturer's recommendations.
2. A reflectorized object marker shall be installed according to manufacturer's recommendations.
3. When snow load post washers and snow load rail washers are required by the contract, the snow load rail washers shall not be installed within the terminal limits.
4. Terminal shall be installed at a widening, ensuring that the end piece is entirely off the shoulder.
5. While these terminals do not require an offset at the end, a flare is recommended so that the end piece does not protrude into the shoulder. A maximum flare of 25:1 over the system length of the terminal is allowed for either the ET-PLUS 31 or the SKT-MGS.



**PLAN VIEW  
(FOR BOTH SYSTEMS)**



**ELEVATION VIEW  
SKT-MGS**



**ELEVATION VIEW  
ET-PLUS 31**



EXPIRES: JULY 24, 2008

**BEAM GUARDRAIL TYPE 31  
NON-FLARED TERMINAL  
STANDARD PLAN C-22.40-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

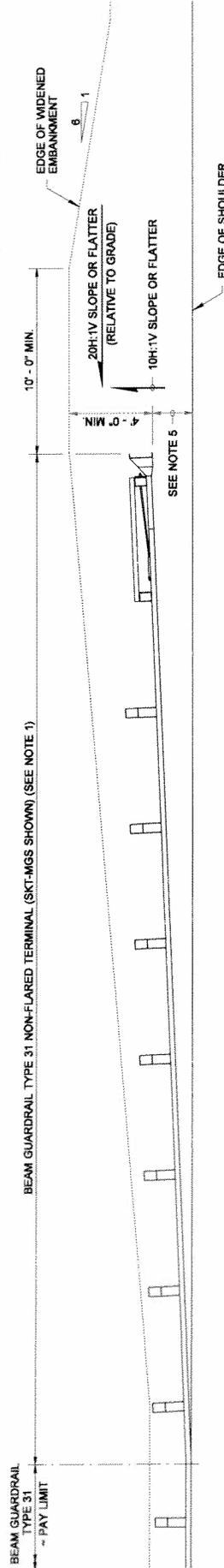
**Pasco Bakotich III** 10-05-07  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

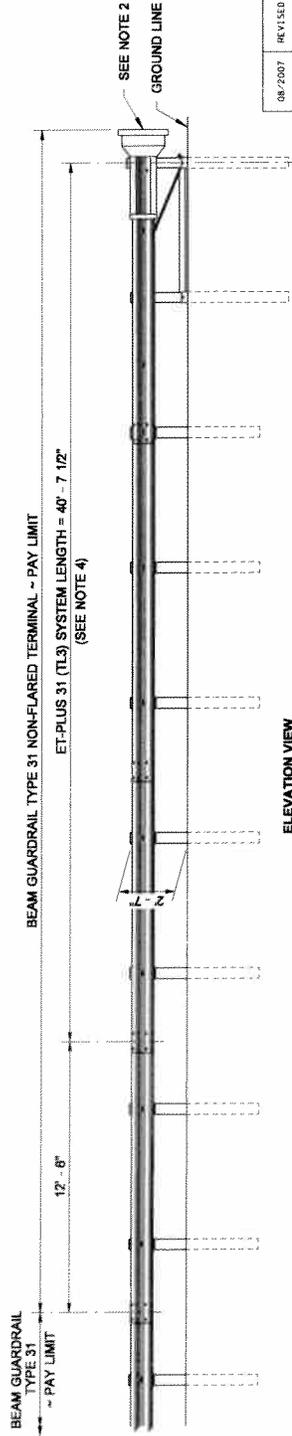
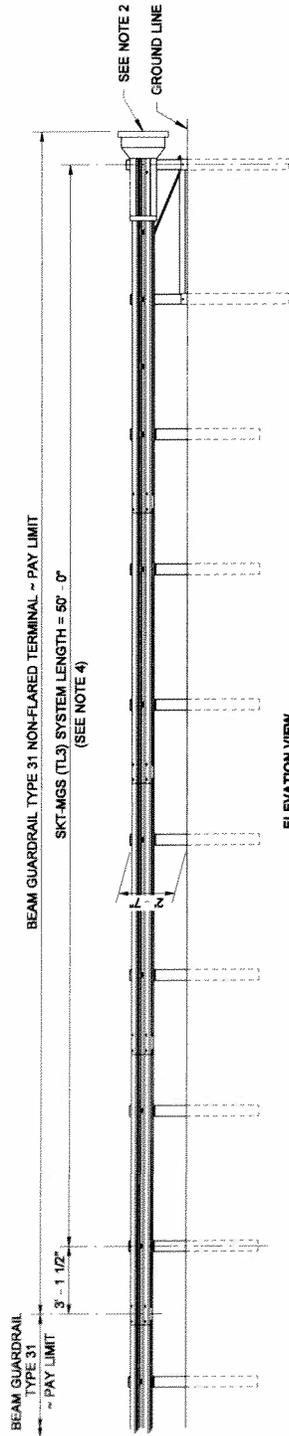
08/2007	REVISED LENGTH OF ET-PLUS 31	MAS	BT
DATE	REVISION	BY	

**NOTES**

1. An ET-PLUS 31 as manufactured by Trinity Industries, Inc. or an SKT-MGS as manufactured by Road Systems Inc. shall be installed according to manufacturer's recommendations.
2. A reflectorized object marker shall be installed according to manufacturer's recommendations.
3. When snow load post washers and snow load rail washers are required by the contract, the snow load rail washers shall not be installed within the terminal limits.
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**PLAN VIEW  
(FOR BOTH SYSTEMS)**

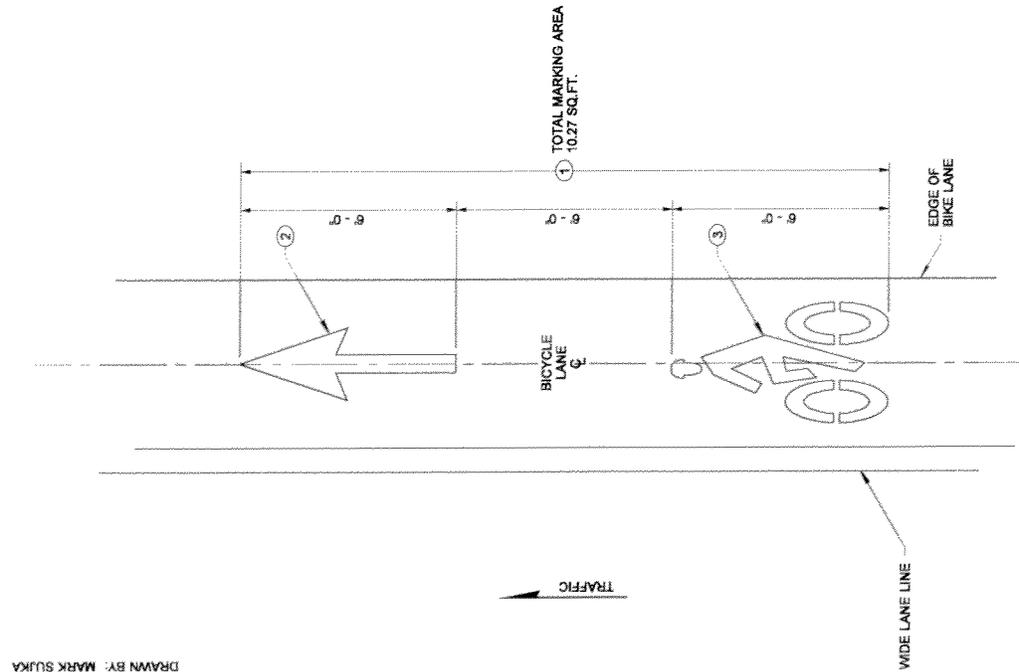


EXPIRES JULY 24, 2008

**BEAM GUARDRAIL TYPE 31  
NON-FLARED TERMINAL  
STANDARD PLAN C-22.40-01**

SHEET 1 OF 1 SHEET

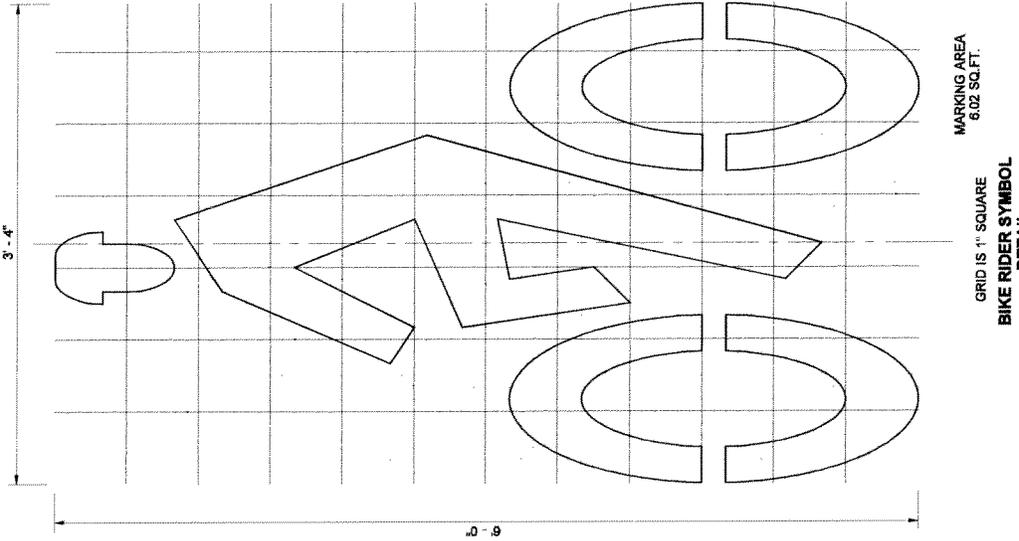
APPROVED FOR PUBLICATION	
<b>Pasco Bakotich III</b>	DATE <b>10-05-07</b>
STATE DESIGN ENGINEER	
Washington State Department of Transportation	
DATE <b>08/2007</b>	BY <b>MAS</b>
REVISION	REVISION



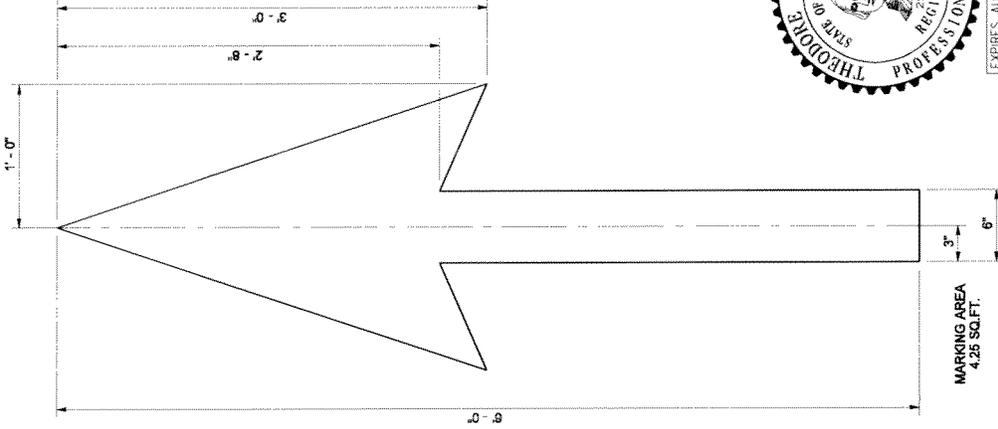
**BICYCLE LANE SYMBOL LAYOUT**

**KEY NOTES**

- ① Bid Item "Bicycle Lane Symbol" includes Bike Lane Arrow and Bike Rider Symbol.
- ② 2' x 6' White Bike Lane Arrow
- ③ Bike Rider Symbol



**BIKE LANE ARROW DETAIL**



**BICYCLE LANE SYMBOL LAYOUT**  
**STANDARD PLAN M-9-50-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Ken L. Smith**  
STATE DESIGN ENGINEER

DATE: **01-30-07**

Washington State Department of Transportation

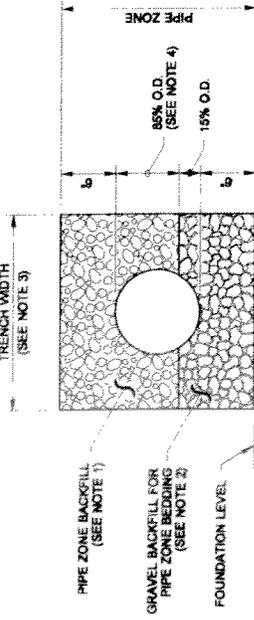


EXPIRES AUGUST 9, 2007

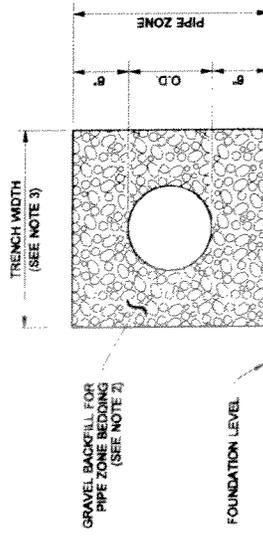
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. THE ENGINEER HAS APPROVED FOR PUBLICATION IN 2007. THE ORIGINAL SHALL BE USED AND CONTROLLED BY THE CLIENT. ANY REVISIONS TO THIS PLAN SHALL BE OBTAINED FROM THE ENGINEER. A COPY MAY BE OBTAINED UPON REQUEST.

**GENERAL NOTE**

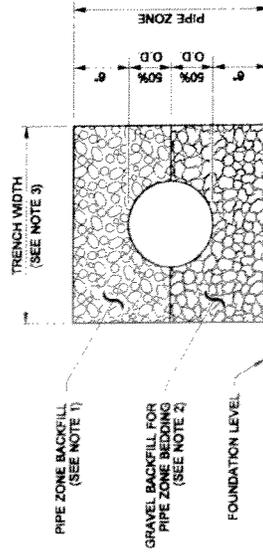
See contract for location and material requirements.



**CONCRETE AND DUCTILE IRON PIPE**



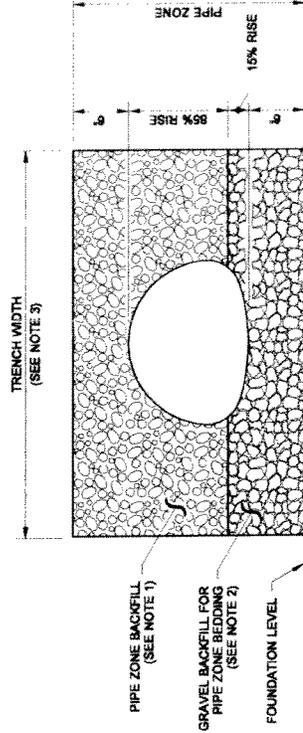
**THERMOPLASTIC PIPE**



**METAL PIPE**

**NOTES**

1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 9-03.12(3) for Gravel Backfill for Pipe Zone Bedding.
3. See Standard Specifications Section 2-09.4 for Measurement of Trench Width.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.



**PIPE ARCHES**

CLEARANCE BETWEEN PIPES FOR MULTIPLE INSTALLATIONS	
PIPE	MINIMUM DISTANCE BETWEEN BARRELS
CIRCULAR PIPE (DIAMETER)	12"
PIPE ARCH (SPAN)	DIAM. / 2
METAL ONLY	48"
12" to 24"	12"
30" to 66"	48"
102" to 180"	12"
18" to 36"	SPAN / 3
43" to 142"	48"
148" to 200"	

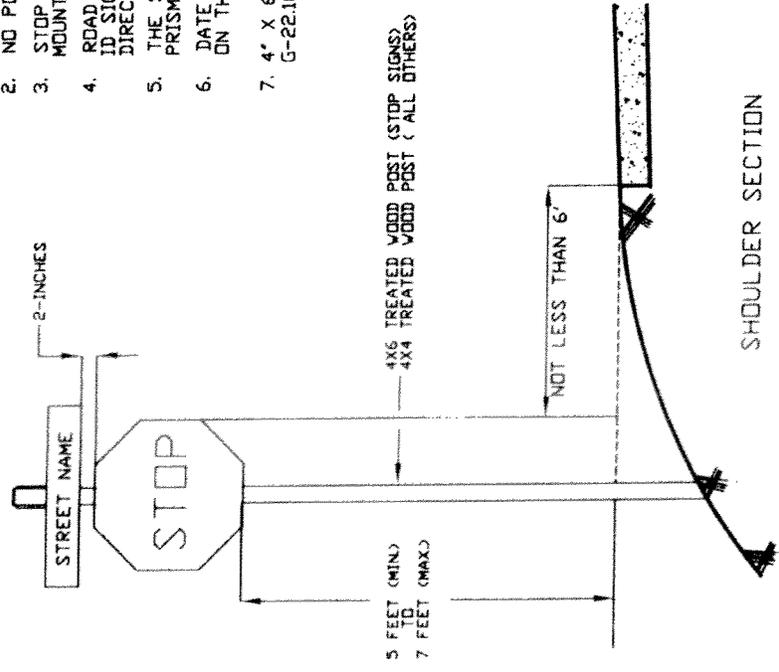
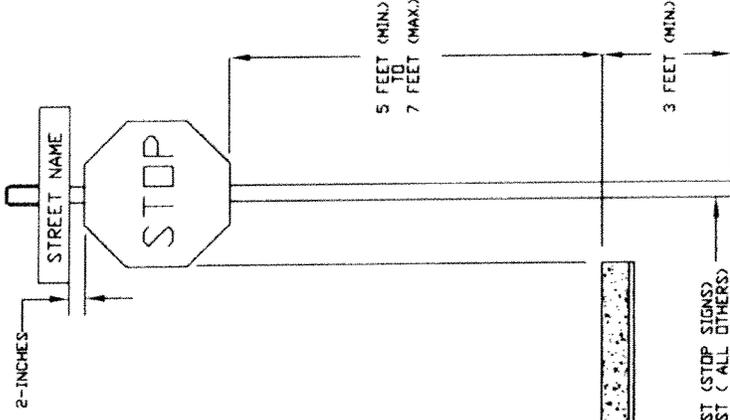


**PIPE ZONE BEDDING AND BACKFILL  
STANDARD PLAN B-55.20-00**

SHEET 1 OF 1 SHEET  
 APPROVED FOR PUBLICATION  
**Harold J. Peterfeso** 06-01-06  
 STATE DESIGN ENGINEER DATE  
 Washington State Department of Transportation

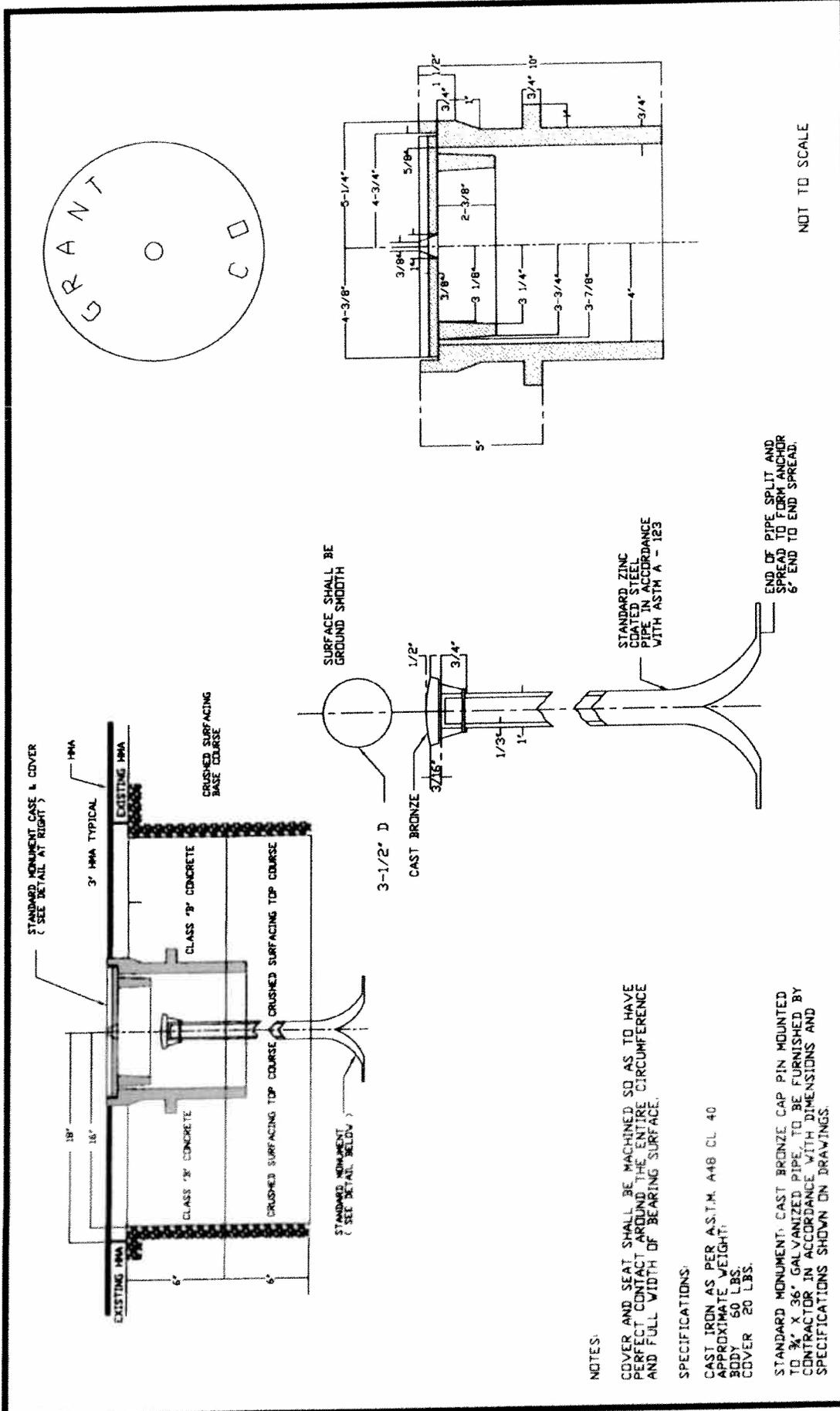
**NOTES:**

1. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY GRANT COUNTY PUBLIC WORKS DEPARTMENT.
2. NO PORTION OF THE SIGN SHALL OVERHANG THE SIDEWALK.
3. STOP SIGN SHALL BE 36" X 36". ROAD NAME SIGNS TO BE MOUNTED TO THE WOOD POST ABOVE STOP SIGN.
4. ROAD NAME ID SIGNS SHALL HAVE 6" WHITE LETTERS. TWO ID SIGNS ARE REQUIRED FOR EACH ROAD NAME. ONE BOLTED DIRECTLY TO EACH SIDE OF THE POST.
5. THE STOP SIGNS SHALL HAVE TYPE IV HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING.
6. DATE OF INSTALLATION SHALL BE WRITTEN IN BLACK INK ON THE BACK OF EACH SIGN, OR AN APPROPRIATE STICKER USED.
7. 4" X 6" POSTS SHALL BE DRILLED PER WSDOT STANDARD PLAN G-22-10-00 "TIMBER SIGN SUPPORT".



STOP SIGN SECTION VIEW

NOT TO SCALE



NOTES:

COVER AND SEAT SHALL BE MACHINED SO AS TO HAVE PERFECT CONTACT AROUND THE ENTIRE CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.

SPECIFICATIONS:

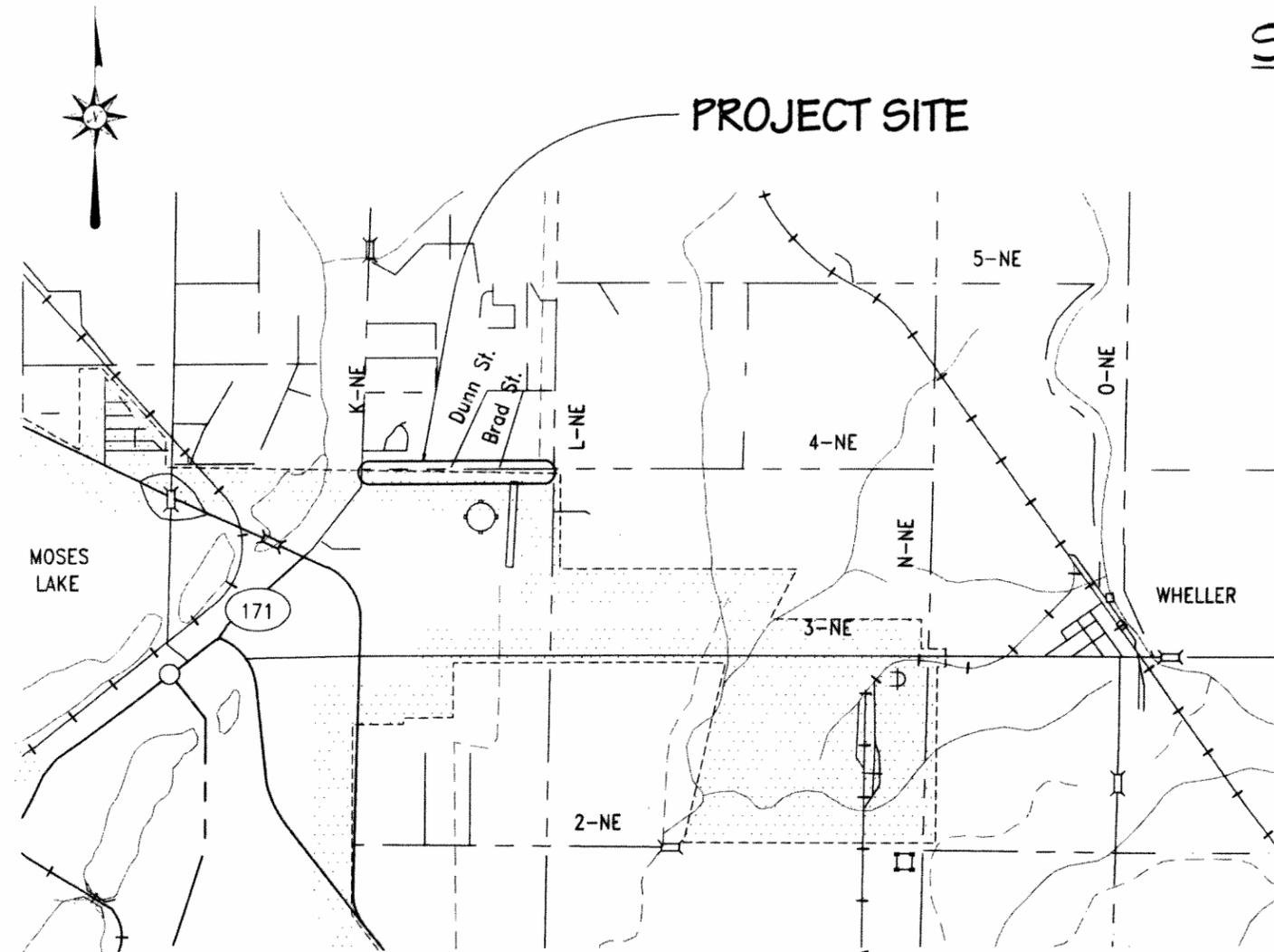
CAST IRON AS PER A.S.T.M. A48 CL 40  
APPROXIMATE WEIGHT:  
BODY 60 LBS.  
COVER 20 LBS.

STANDARD MONUMENT: CAST BRONZE CAP PIN MOUNTED TO 3/4" X 36" GALVANIZED PIPE, TO BE FURNISHED BY CONTRACTOR IN ACCORDANCE WITH DIMENSIONS AND SPECIFICATIONS SHOWN ON DRAWINGS.

NOT TO SCALE

<p>GRANT COUNTY PUBLIC WORKS DEPARTMENT</p>	<p>ROADWAY STANDARDS</p>	<p>MONUMENT</p>	<p>APPENDIX B FIGURE 4-2</p>
---	------------------------------	-----------------	----------------------------------

# 4-NE ROAD RECONSTRUCTION



## SHEET

## DESCRIPTION

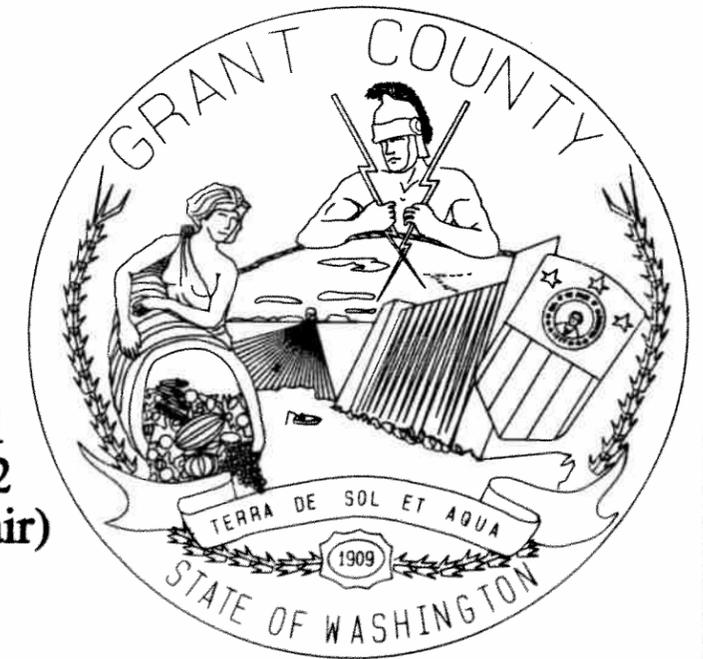
1	—	INDEX & VICINITY MAP
2	—	SUMMARY OF QUANTITIES
3	—	STRUCTURE NOTES
4	—	STRUCTURE NOTES
5	—	STA 49+10.42 TO STA 63+00
6	—	STA 63+00 TO STA 79+00
7	—	STA 79+00 TO STA 96+00
8	—	STA 96+00 TO STA 101+21.65
9	—	TYPICAL X-SECTIONS

## LEGEND

	POWER POLE		CONTROL POINT		FIRE HYDRANT
	TELEPHONE PED.		GUARDRAIL		WATER VALVE
	FENCE LINE		MAILBOX		BENCH MARK
	CULVERT		SEWER LINE		SPRINKLER
	SEWER MANHOLE		WATER LINE		TREE
	SECTION CORNER		1/4 SECTION CORNER		GUY WIRE

**Grant County  
Board Of Commissioners**

**Richard Stevens, District No. 1  
Carolann Swartz, District No. 2  
Cindy Carter, District No. 3 (Chair)**



**GRANT COUNTY PUBLIC WORKS DEPARTMENT**

124 ENTERPRISE ST. SE  
EPHRATA, WASHINGTON 98823  
(509) 754-6082 FAX (509) 754-6087



**4-NE ROAD RECONSTRUCTION**

CRP 09-02

DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



SHEET 1

OF 9

# SUMMARY OF QUANTITIES

STA. 49+10.42  
TO  
STA. 101+21.65

STA. 49+10.42  
TO  
STA. 101+21.65

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM DESCRIPTION	GRANT COUNTY	CITY OF MOSE LAKE			
<b>PREPARATION</b>								
1	100%	L.S.	Mobilization	100%				
2	100%	L.S.	Notification	100%				
3	100%	L.S.	Clearing and Grubbing	100%				
<b>GRADING</b>								
4	14,170	S.Y.	Rotomilling Bituminous Pavement	14,170				
5	4,638	C.Y.	Roadway Excavation Including Haul	4,638				
6	1,936	C.Y.	Embankment Compaction	1,936				
<b>DRAINAGE</b>								
7	113	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 12" Diameter	113				
8	135	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 18" Diameter	135				
<b>SURFACING</b>								
9	9,100	TONS	Crushed Surfacing Base Course	9,100				
10	5,900	TONS	Crushed Surfacing Top Course	5,900				
<b>HOT MIX ASPHALT</b>								
11	4,200	TONS	HMA Class 1/2" Incl. PG64-28 Paving Asphalt	4,200				
12	-\$1.00	CALC.	Job Mix Compliance Price Adjustment	-\$1.00				
13	-\$1.00	CALC.	Compaction Price Adjustment	-\$1.00				
<b>TRAFFIC</b>								
14	630	L.F.	Beam Guardrail Type 31	630				
15	2	EACH	Beam Guardrail Non-Flared Terminal	2				
16	2	EACH	Beam Guardrail Anchor Type 10	2				
17	3,495	L.F.	Painted Skip Centerline	3,495				
18	1,087	L.F.	Painted Skip Centerline With No Pass	1,087				
19	527	L.F.	Painted Double Yellow No Pass Line	527				
20	10,218	L.F.	Painted Wide Line	10,218				
21	4	EACH	Plastic Bicycle Lane Symbol	4				
22	100%	L.S.	Permanent Signing	100%				
<b>OTHER ITEMS</b>								
23	800	L.F.	Relocated Existing Wire fence	800				
24	25	C.Y.	Structure Excavation Class "B" Including Haul	25				
25	12	C.Y.	Gravel Backfill For Pipe Zone Bedding	12				
26	1	EACH	Adjust Fire Hydrants		1			
27	15	EACH	Adjust Sewer Manhole		15			
28	2	EACH	Monument	2				
29	100%	L.S.	Trimming and Cleanup	100%				
30	1	Acres	Seeding, Fertilizing and Mulching With Irrigated Pasture Mix	1				
31	1	Acres	Seeding, Fertilizing and Mulching With Arid Area Mix A or B	1				
32	-\$1.00	CAL.	Minor Changes	-\$1.00				

NOTE: For Special Features See Special Provisions.

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**4-NE ROAD RECONSTRUCTION**

CRP 09-02

DESIGNED BY: BOB BERSANTI  
DRAWN BY: BOB BERSANTI  
CHECKED BY: DEREK POHLE  
REVISIONS BY:  
DATE REVISED:  
FEDERAL AID NO.:



SHEET 2

OF 9

# STRUCTURE NOTES

NOTE: THE FIRST NUMBER OF THE "CODE" REFERS TO THE PLAN SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	LOCATION	R/L	ELEV.	MISC.	P.I. St. Culvert Pipe 12" Dia. 0.064" Th.	L.F.	P.I. St. Culvert Pipe 18" Dia. 0.064" Th.	L.F.	Structure Ex. Class "B" Incl. Haul	C.Y.	Gravel Backfill For Pipe Zone Bedding	C.Y.	Crushed Surfacing Top Course	TONS	Crushed Surfacing Base Course	TONS	Adjust Sewer Manhole	C.Y.	Adjust Fire Hydrant	EACH	Beam Guardrail Type 31	L.F.	Beam Guardrail Non-Flared Terminal	EACH	Beam Guardrail Anchor Type 10	EACH	Monument	EACH	REMARKS
5-1	STA. 50+00 TO 50+20	L	PLAN	F									3															6	
5-2	STA. 51+10 TO 51+30	L	PLAN	F									3															6	
5-3	STA. 52+44.97	R	FS	SM													1											7	
5-4	STA. 56+45.31	R/L	BD	CROSS			60		25		12																	1,23	
5-5	STA. 56+45.31	R	FS	SM													1											7	
5-6	STA. 60+45.81	R	FS	SM													1											7	
5-7	STA. 62+50 TO 62+70	L	PLAN	F									3															6	
6-1	STA. 64+45.01	R	FS	SM													1											7	
6-2	STA. 65+69.53	R	FS	SM													1											7	
6-3	STA. 67+50 TO 67+70	R	PLAN	F									3															6	
6-4	STA. 67+70 TO 69+70	R	PLAN	RAIL																		250			2			4,11	
6-5	STA. 68+00 TO 70+00	L	PLAN	RAIL																		380						8	
6-6	STA. 69+80 TO 70+00	R	PLAN	F									3															6	
6-7	STA. 70+32.68	R	FS	SM													1											7	
6-8	STA. 74+33.25	R	FS	SM													1											7	
6-9	STA. 74+40 TO 74+60	L	PLAN	F		34							3															1,236	
6-10	STA. 74+70 TO 75+00	R	PLAN	F		45							5															1,236	
6-11	STA. 75+16.37	CL	PLAN	MON																						1		45	
6-12	STA. 76+65.40	R	FS	SM													1											7	
6-13	STA. 76+80 TO 77+08	L	PLAN	ROAD			75						30	40														1,236	
6-14	STA. 76+85	CL	PLAN	MON																						1		45	
6-15	STA. 77+85 TO 78+05	L	PLAN	F		34							3															1,236	
7-1	STA. 79+00 TO 79+20	L	PLAN	F									3															6	
7-2	STA. 80+07.19	R	FS	SM													1											7	
7-3	STA. 83+50.82	R	FS	SM													1											7	
7-4	STA. 84+40 TO 84+60	L	PLAN	F									3															6	
7-5	STA. 85+10 TO 85+30	L	PLAN	F									3															6	
7-6	STA. 85+60 TO 85+80	L	PLAN	F									3															6	
7-7	STA. 86+93.99	R	FS	SM													1											7	
7-8	STA. 87+00 TO 87+28	L	PLAN	ROAD									30	40														6	
7-9	STA. 87+00 TO 87+30	R	PLAN	F									3															6	
7-10	STA. 87+50	R	PLAN	FH									3															6	
7-11	STA. 90+60 TO 90+80	R	PLAN	F																1								10	
7-12	STA. 90+62.59	R	FS	SM													1											7	
7-13	STA. 91+60 TO 91+80	L	PLAN	F									3															6	
7-14	STA. 93+69.66	R	FS	SM													1											7	

Page Total 113 135 25 12 107 80 13 1 630 2 2 2

## GENERAL NOTES

Miscellaneous  
 BD = Bottom of Ditch  
 CP = Catch point  
 CROSS = Crossing Pipe  
 R = Residential  
 F = Farm  
 PLAN = Elevation on Plans  
 MON = Monument  
 O&M = O&M Road  
 C = Commercial  
 SM = Sewer Manhole  
 FS = Finished Surface Elev.  
 RAIL = Guardrail

- Field adjust termini as directed by the engineer.
- Install 3:1 beveled end sections per standard plans.
- Remove existing culvert and salvage to the contractor.
- Remove existing monument and case, if required, and salvage to contractor.
- Install monument and monument case per standard plans.
- Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.
- Adjust sewer manhole to match finished grade.
- Install guardrail type 31 w/ a non-flared terminal type ET-PLUS (TL2) or SKT-TL2 on each end.
- Install guardrail type 31 w/ a type 10 Anchor on each end.
- Adjust fire hydrant to match finished grade.
- Guardrail radius shall be 8' -6" on each approach.

NOTE: For Special Features See Special Provisions.

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4-NE ROAD RECONSTRUCTION

CRP 09-02

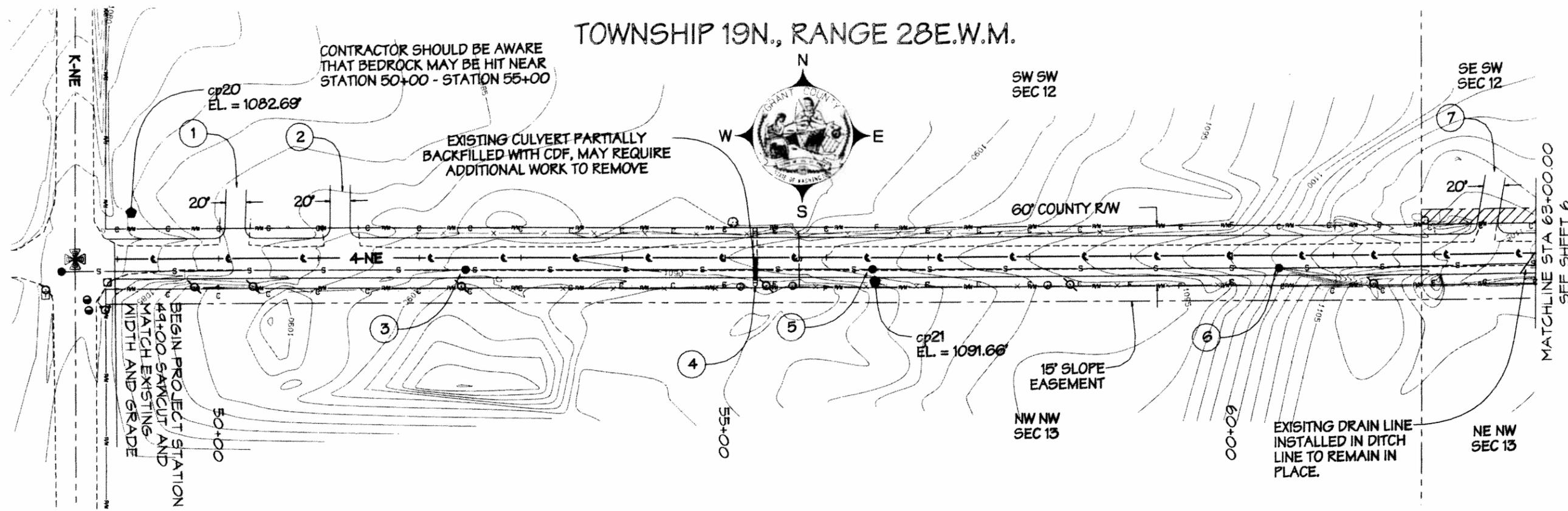
DESIGNED BY: BOB BERSANTI  
 DRAWN BY: BOB BERSANTI  
 CHECKED BY: DEREK POHLE  
 REVISIONS BY:  
 DATE REVISED:  
 FEDERAL AID NO.:



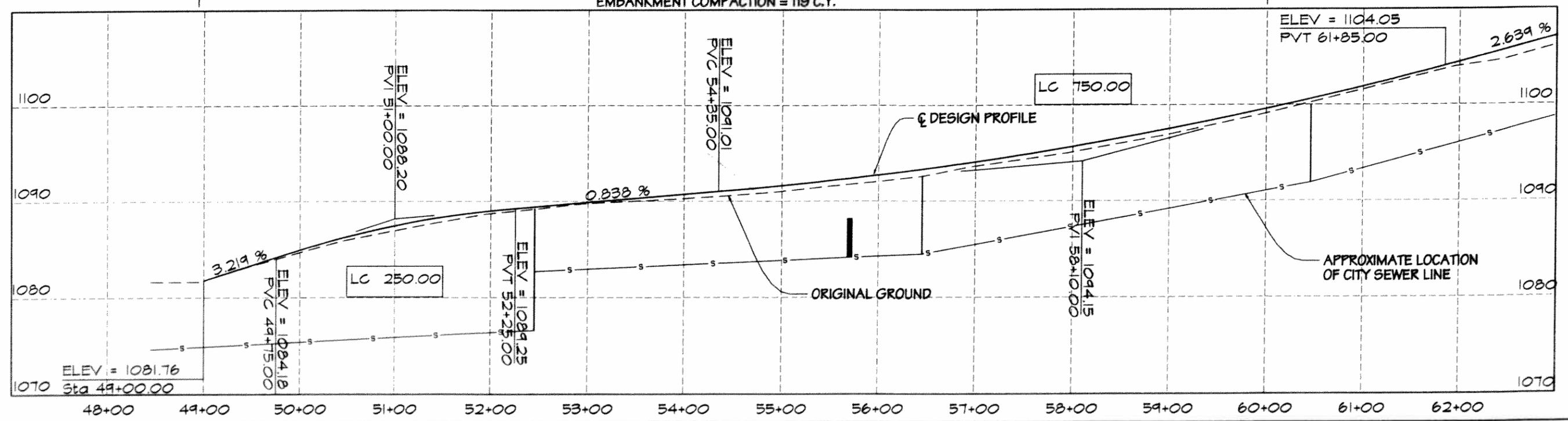
SHEET 3  
 OF 9



TOWNSHIP 19N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 1,629 C.Y.  
EMBANKMENT COMPACTION = 119 C.Y.



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4-NE ROAD RECONSTRUCTION

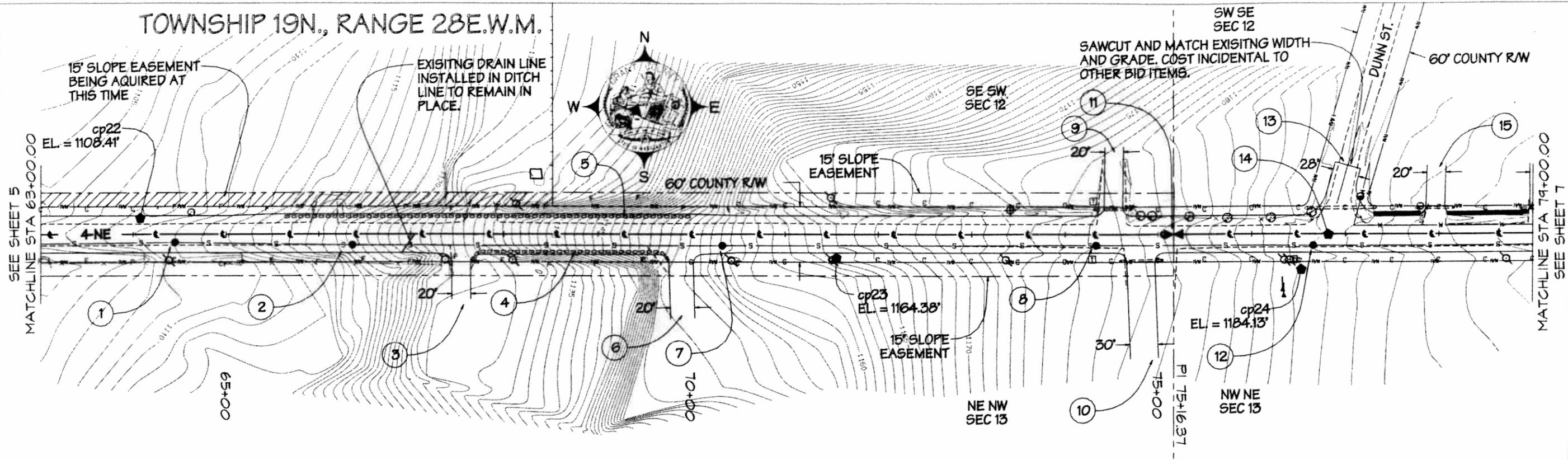
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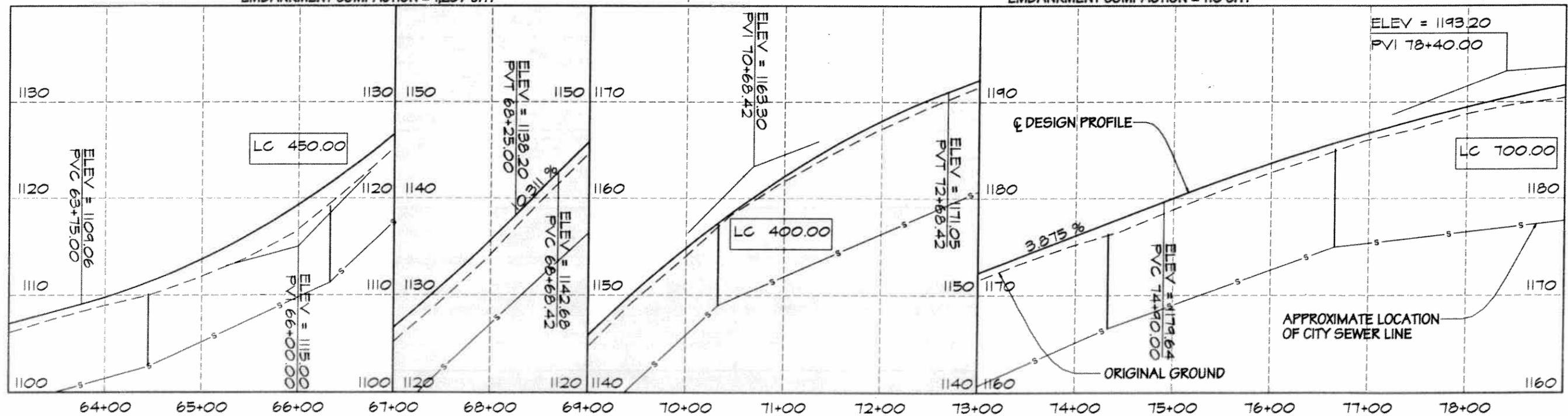
SHEET 5  
OF 9

TOWNSHIP 19N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 642 C.Y.  
EMBANKMENT COMPACTION = 1,287 C.Y.

ROADWAY EXCAVATION = 1,020 C.Y.  
EMBANKMENT COMPACTION = 116 C.Y.



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4-NE ROAD RECONSTRUCTION

CRP 09-02

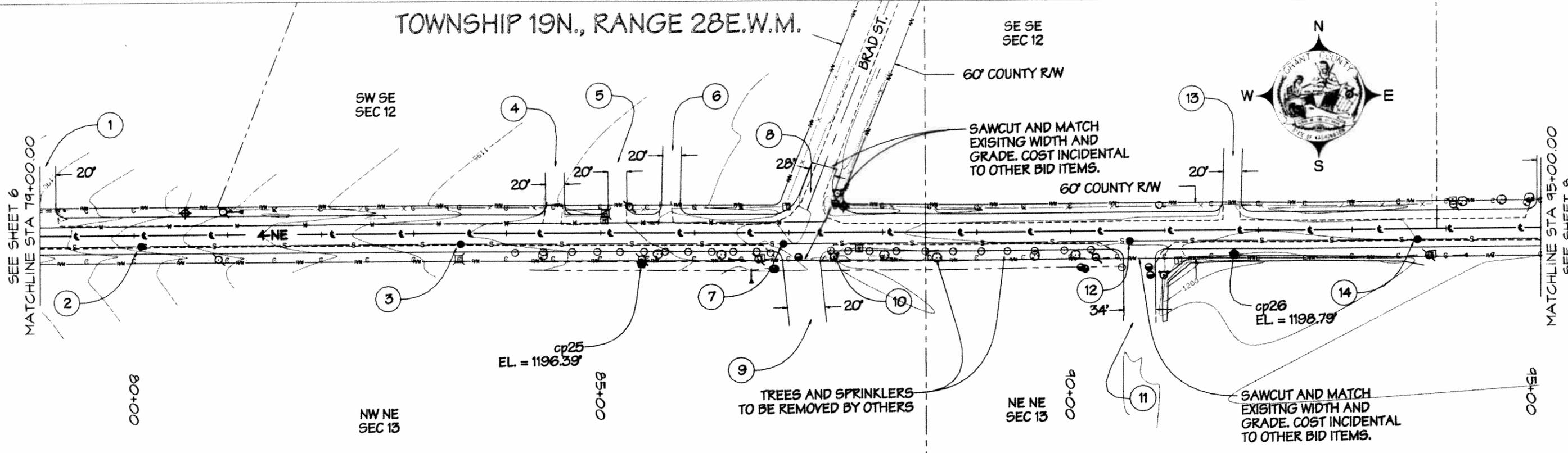
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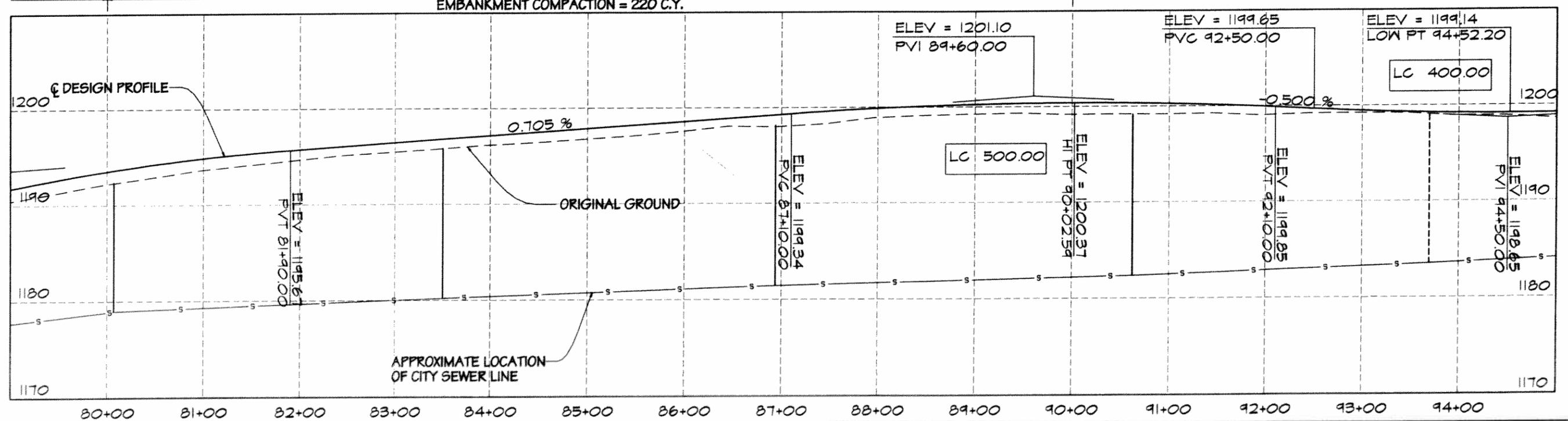
SHEET 6

OF 9

TOWNSHIP 19N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 263 C.Y.  
 EMBANKMENT COMPACTION = 220 C.Y.



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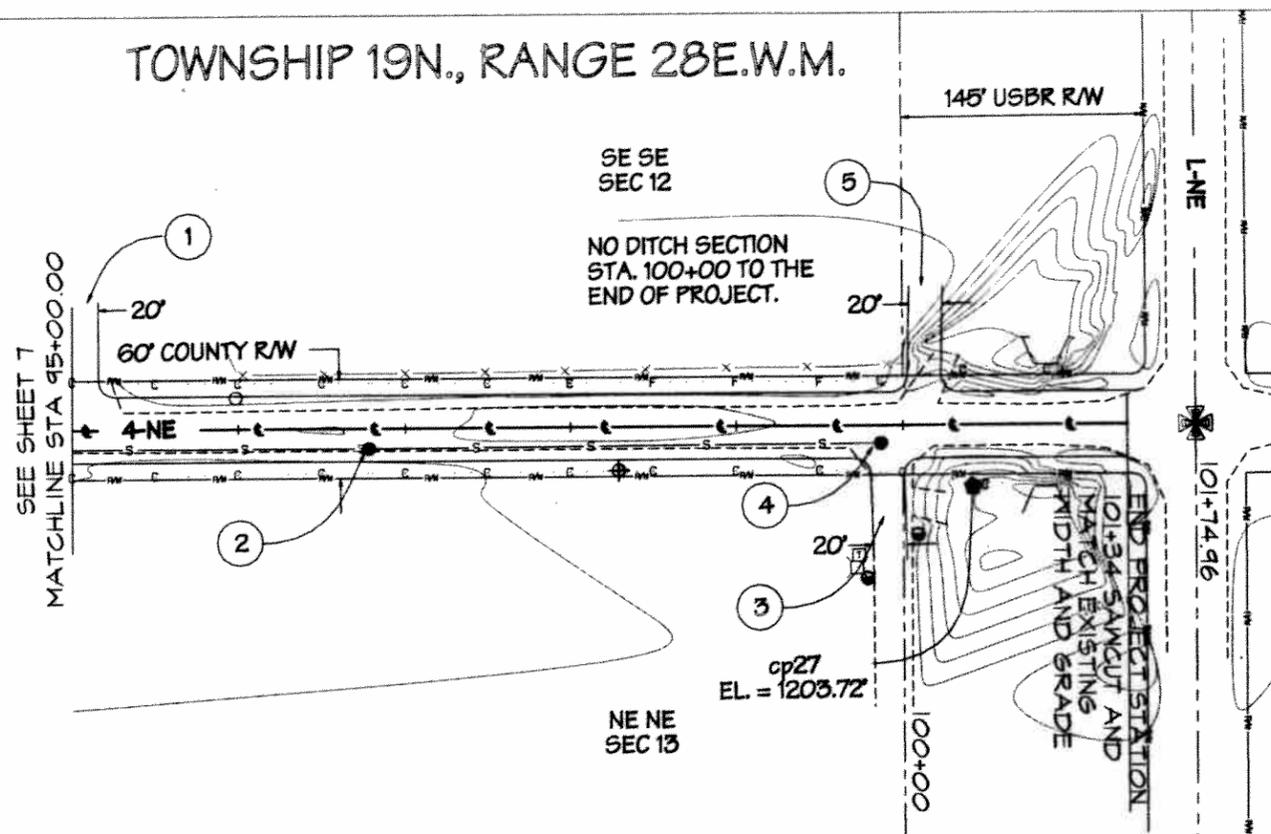
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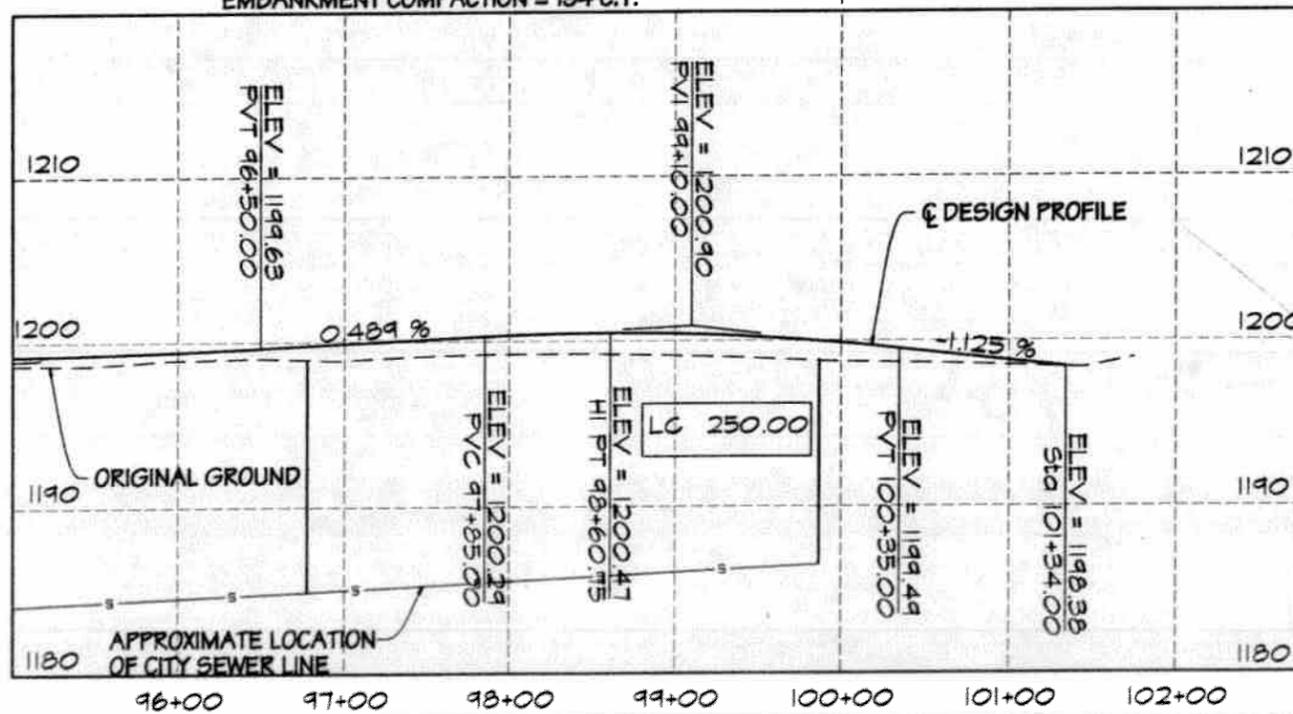


SHEET 7  
 OF 9

TOWNSHIP 19N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 1,084 C.Y.  
EMBANKMENT COMPACTION = 194 C.Y.



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4-NE ROAD RECONSTRUCTION

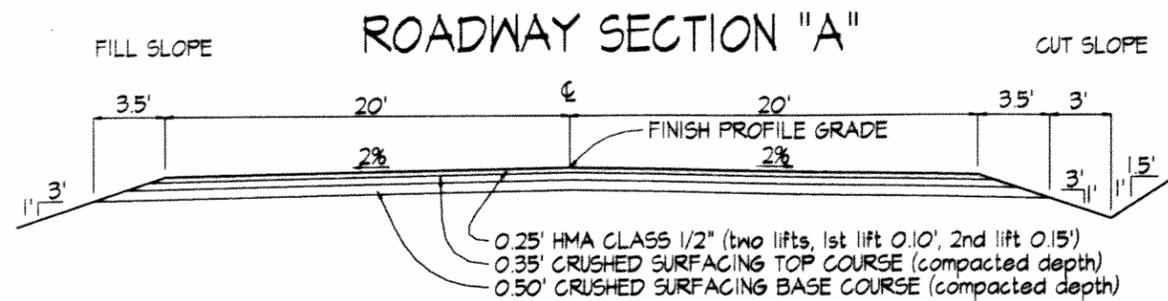
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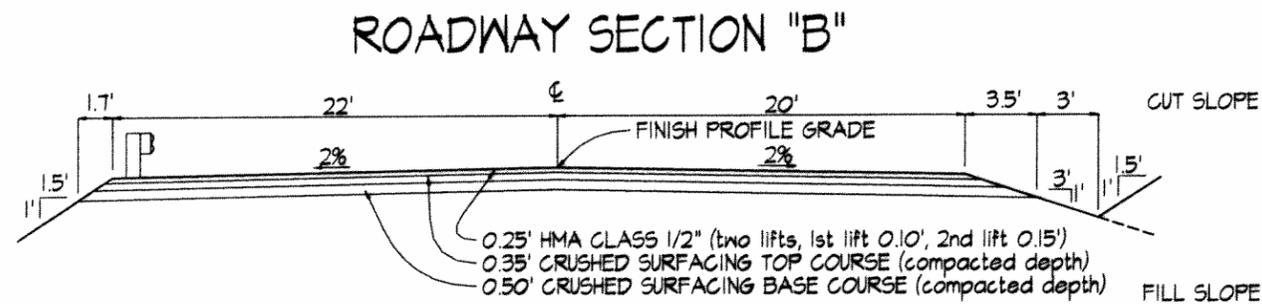
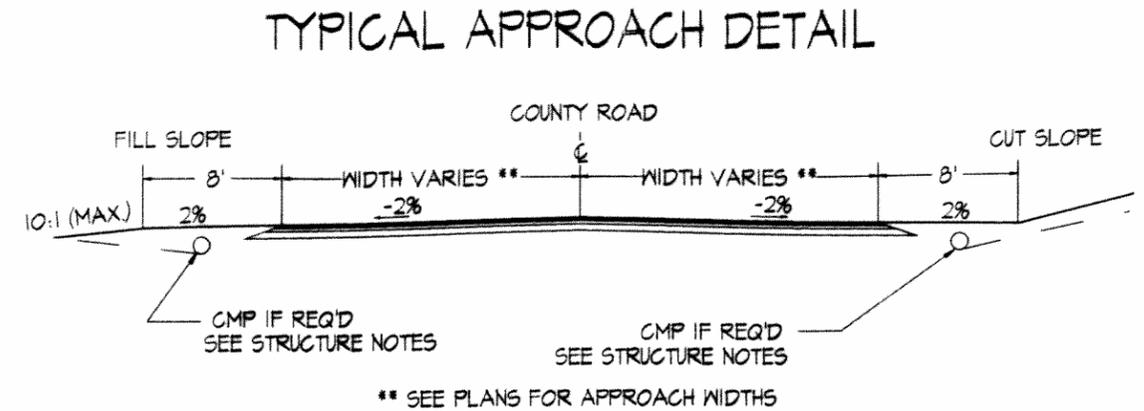


SHEET 3

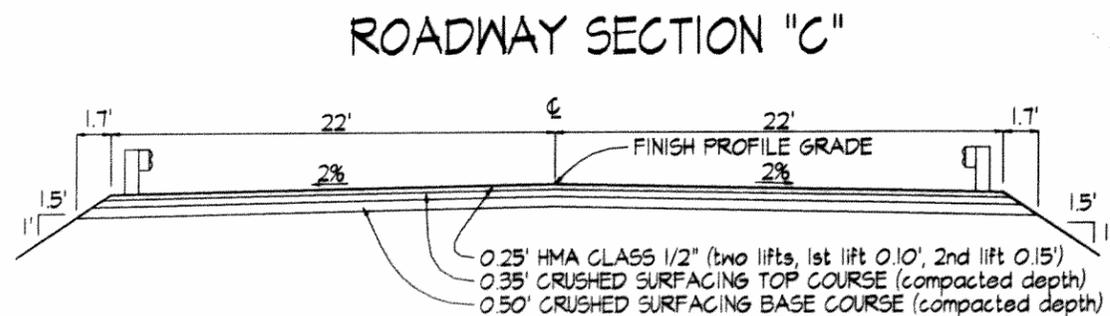
OF 9



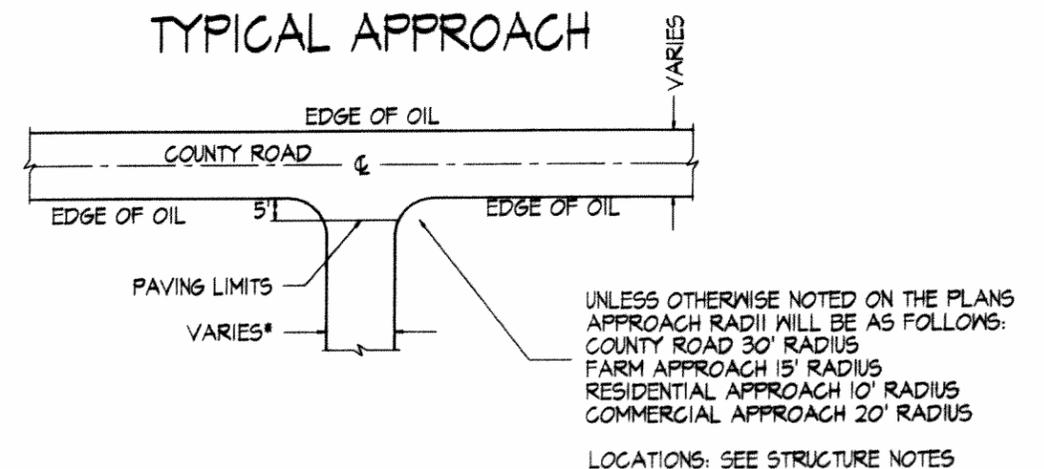
MATCH EXISTING ROADWAY STA 49+10.42  
 TRANSITION EXISTING ROADWAY STA. 49+10.42 TO SECTION "A" STA. 49+50  
 STA. 49+50 TO STA. 65+00  
 TRANSITION ROADWAY SECTION "A" STA 65+00 TO ROADWAY SECTION "B" STA. 65+50  
 STA. 70+50 TO STA. 101+00  
 TRANSITION ROADWAY SECTION "A" STA 101+00 TO EXISITNG ROADWAY STA.101+21.65



STA. 65+50 TO STA. 67+00  
 TRANSITION ROADWAY SECTION "B" STA 67+00 TO ROADWAY SECTION "C" STA. 67+50



STA. 67+50 TO STA. 70+00  
 TRANSITION ROADWAY SECTION "C" STA 70+00 TO ROADWAY SECTION "A" STA. 70+50



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4-NE ROAD RECONSTRUCTION

CRP 09-02

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SHEET 9  
 OF 9