

# AUTHORIZATION

TO

## CALL FOR BIDS

Authorization given: **July 7, 2009**  
to CALL FOR BIDS by the Department of Public Works for:

**Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**  
**ARRA-6065(004)**  
**TA-3959**

Bid opening date to be **July 28, 2009** 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

\_\_\_\_\_  
Richard Stevens, Vice Chair

\_\_\_\_\_  
Carolann Swartz, Member

Approved:

ATTEST:

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

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

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## CONTRACT PROVISIONS and PLANS

### For Construction of:

**Airway Drive Realignment and Fairgrounds Path (TE)**

**CRP 09-01 & 08-14**

**ARRA-6065(004)**

**TA-3959**

Sealed Bids will be Opened on

**July 28, 2009**

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

FOR INFORMATIONAL COPY ONLY

## NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**", 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 28, 2009** and will then and there be opened and publicly read for the construction of the improvements.

This project is subject to the Provisions of the **American Recovery and Reinvestment Act of 2009 (ARRA) Employment Report**. Failure by the Contractor to submit ARRA Employment Reports for the Contractor and all subcontractors of any tier shall be reason for withholding all progress payments until reports are received.

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

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:

### **Airway Drive Realignment and Fairgrounds Path (TE) – CRP 09-01 & 08-14**

This contract provides for the realignment of a county road in Grant County, WA, and includes removal of structures and obstructions, rotomilling, roadway excavation, embankment compaction, crushed surfacing base course, maintenance rock, hot mix asphalt, curb and gutter, concrete sidewalk, paint lines, permanent signing, project temporary traffic control and other work all in accordance with the attached Contract Plans, these Contract Provisions and the Standard 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)
- (F) Subcontractor's List (271-015)

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

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

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1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2008  
3 Standard Specifications for Road, Bridge, and Municipal Construction.  
4

5 **AMENDMENTS TO THE STANDARD SPECIFICATIONS**

6  
7 The following Amendments to the Standard Specifications are made a part of this contract and  
8 supersede any conflicting provisions of the Standard Specifications. For informational  
9 purposes, the date following each Amendment title indicates the implementation date of the  
10 Amendment or the latest date of revision.

11  
12 Each Amendment contains all current revisions to the applicable section of the Standard  
13 Specifications and may include references which do not apply to this particular project.  
14

15 **SECTION 1-03, AWARD AND EXECUTION OF CONTRACT**

16 **April 7, 2008**

17 **1-03.1 Consideration of Bids**

18 This section is supplemented with the following new sub-section.  
19

20 **1-03.1(1) Tied Bids**

21 After opening Bids, if two or more lowest responsive Bid totals are exactly equal, then the  
22 tie-breaker will be determined by drawing as described in this Section. Two or more slips of  
23 paper will be marked as follows: one marked "Winner" and the other(s) marked  
24 "unsuccessful". The slips will be folded to make the marking unseen. The slips will be  
25 placed inside a box. One authorized representative of each Bidder shall draw a slip from  
26 the box. Bidders shall draw in alphabetic order by the name of the firm as registered with  
27 the Washington State Department of Licensing. The slips shall be unfolded and the firm  
28 with the slip marked "Winner" will be determined to be the successful Bidder and eligible for  
29 Award of the Contract. Only those Bidders that submitted a Bid total that is exactly equal to  
30 the lowest responsive Bid are eligible to draw.  
31

32 **SECTION 1-04, SCOPE OF THE WORK**

33 **April 7, 2008**

34 **1-04.4(1) Minor Changes**

35 The first sentence in the first paragraph is revised to read:  
36

37 Payments or credits for changes amounting to \$15,000 or less may be made under the bid  
38 item "Minor Change."  
39

40 **1-04.5 Procedure and Protest by the Contractor**

41 In the second paragraph, number 2, the reference to 7 calendar days is revised to 14 calendar  
42 days.  
43

44 The second sentence in the fifth paragraph is revised to read:  
45

1 The determination will be provided within 14-calendar days after receipt of the Contractor's  
2 supplemental written statement (including any additional information requested by the  
3 Project Engineer to support a continuing protest) described in item 2 above.  
4

5 **SECTION 1-05, CONTROL OF WORK**  
6 **April 7, 2008**

7 **1-05.1 Authority of the Engineer**

8 The fourth paragraph is revised to read:  
9

10 At the Contractor's risk, the Project Engineer may suspend all or part of the Work according  
11 to Section 1-08.6.  
12

13 **1-05.12 Final Acceptance**

14 The second paragraph is revised to read:  
15

16 The Contractor agrees that neither completion nor final acceptance shall relieve the  
17 Contractor of the responsibility to indemnify, defend, and protect the Contracting Agency  
18 against any claim or loss resulting from the failure of the Contractor (or the subcontractors  
19 or lower tier subcontractors) to pay all laborers, mechanics, subcontractors,  
20 materialpersons, or any other person who provides labor, supplies, or provisions for  
21 carrying out the Work or for any payments required for unemployment compensation under  
22 Title 50 RCW or for industrial insurance and medical aid required under Title 51 RCW.  
23

24 **SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**  
25 **April 6, 2009**

26 **1-07.2(2) State Sales Tax: Work on State-Owned or Private Land**

27 The following new paragraph is inserted in front of the first paragraph:  
28

29 State Department of Revenue Rule 170 and its related rules apply for this section.  
30

31 **1-07.8 High Visibility Apparel**

32 This section is revised to read:  
33

34 The Contractor shall require all personnel under their control (including service providers,  
35 Subcontractors and lower tier Subcontractors) that are on foot in the work zone and are  
36 exposed to vehicle traffic or construction equipment to wear the high visibility apparel  
37 described in this Section.  
38

39 The Contractor shall ensure that a competent person as identified in the MUTCD selects  
40 the appropriate high-visibility apparel suitable for the job-site conditions.  
41

42 High visibility garments shall always be the outermost garments.  
43

44 High visibility garments shall be in a condition compliant with the ANSI 107-2004 and shall  
45 be used in accordance with manufacturer recommendations.  
46

47 This section is supplemented with the following new sub-sections.  
48

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

2 All personnel performing the Work described in Section 1-10 (including traffic control  
3 supervisors, flaggers, spotters, and others performing traffic control labor of any kind), shall  
4 comply with the following:  
5

- 6 1. During daylight hours with clear visibility, workers shall wear a high-visibility  
7 ANSI/ISEA 107-2004 Class 2 or 3 vest or jacket, and hardhat meeting the high  
8 visibility headwear requirements of WAC 296-155-305; and  
9
- 10 2. During hours of darkness (1/2-hour before sunset to 1/2-hour after sunrise) or  
11 other low visibility conditions (snow, fog, etc.), workers shall wear a high-visibility  
12 ANSI/ISEA 107-2004 Class 2 or 3 vest or jacket, high visibility lower garment  
13 meeting ANSI/ISEA 107-2004 Class E, and hardhats meeting the high visibility  
14 headwear requirements of WAC 296-155-305.  
15

16 **1-07.8(2) Non-Traffic Control Personnel**

17 All personnel, except those performing the Work described in Section 1-10, shall wear high  
18 visibility apparel meeting the ANSI/ISEA 107-2004 Class 2 or 3 standard.  
19

20 **1-07.9(1) General**

21 The following new paragraph is inserted to follow the sixth paragraph:  
22

23 The Contractor shall ensure that any firm (Supplier, Manufacturer, or Fabricator) that falls  
24 under the provisions of RCW 39.12 because of the definition "Contractor" in WAC 296-127-  
25 010, complies with all the requirements of RCW 39.12.  
26

27 **1-07.15 Temporary Water Pollution/Erosion Control**

28 This section is supplemented with the following:  
29

30 Stormwater or dewatering water that has come in contact with concrete rubble, concrete  
31 pours, or cement treated soils shall be maintained to pH 8.5 or less before it is allowed to  
32 enter waters of the state. If pH exceeds 8.5, the Contractor shall immediately discontinue  
33 work and initiate treatment according to the plan to lower the pH. Work may resume, with  
34 treatment, once the pH of the stormwater is 8.5 or less or it can be demonstrated that the  
35 runoff will not reach surface waters.  
36

37 High pH process water shall not be discharged to waters of the state. Unless specific  
38 measures are identified in the Special Provisions, high pH process water may be infiltrated,  
39 dispersed in vegetation or compost, or pumped to a sanitary sewer system. Water being  
40 infiltrated or dispersed shall have no chance of discharging directly to waters of the state,  
41 including wetlands or conveyances that indirectly lead to waters of the state. High pH  
42 process water shall be treated to within a range of 6.5 to 8.5 pH units prior to infiltration to  
43 ensure the discharge does not cause a violation of groundwater quality standards. If water  
44 is pumped to the sanitary sewer, the Contractor shall provide a copy of permits and  
45 requirements for placing the material into a sanitary sewer system prior to beginning the  
46 work. Process water may be collected and disposed of by the Contractor off the project  
47 site. The Contractor shall provide a copy of the permit for an approved waste site for the  
48 disposal of the process water prior to the start of work which generates the process water.  
49

50 **1-07.15(1) Spill Prevention, Control and Countermeasures Plan**

51 This section is revised to read:  
52

1 The Contractor shall prepare a project-specific spill prevention, control, and  
2 countermeasures plan (SPCC Plan) that will be used for the duration of the project. The  
3 Contractor shall submit the plan to the Project Engineer no later than the date of the  
4 preconstruction conference. No on-site construction activities may commence until  
5 WSDOT accepts an SPCC Plan for the project.  
6

7 The term “hazardous materials”, as used in this Specification, is defined in Chapter 447 of  
8 the WSDOT Environmental Procedures Manual (M31-11). Occupational safety and health  
9 requirements that may pertain to SPCC Plan implementation are contained in but not  
10 limited to WAC 296-824 and WAC 296-843.  
11

### 12 **Implementation Requirements**

13 The SPCC Plan shall be updated by the Contractor throughout project construction so that  
14 the written plan reflects actual site conditions and practices. The Contractor shall update  
15 the SPCC Plan at least annually and maintain a copy of the updated SPCC Plan on the  
16 project site. All project employees shall be trained in spill prevention and containment, and  
17 shall know where the SPCC Plan and spill response kits are located and have immediate  
18 access to them.  
19

20 If hazardous materials are encountered or spilled during construction, the Contractor shall  
21 do everything possible to control and contain the material until appropriate measures can  
22 be taken. The Contractor shall supply and maintain spill response kits of appropriate size  
23 within close proximity to hazardous materials and equipment.  
24

25 The Contractor shall implement the spill prevention measures identified in the SPCC Plan  
26 before performing any of the following:  
27

- 28 1. Placing materials or equipment in staging or storage areas.
- 29 2. Refueling, washing, or maintaining equipment.
- 30 3. Stockpiling contaminated materials.  
31

### 32 **SPCC Plan Element Requirements**

33 The SPCC Plan shall set forth the following information in the following order:  
34

- 35 1. Responsible Personnel  
36 Identify the name(s), title(s), and contact information for the personnel responsible  
37 for implementing and updating the plan, including all spill responders.  
38

- 39 2. Spill Reporting  
40 List the names and telephone numbers of the federal, State, and local agencies  
41 the Contractor shall notify in the event of a spill.  
42

- 43 3. Project and Site Information  
44 Describe the following items:  
45  
46 A. The project Work.  
47  
48 B. The site location and boundaries.  
49

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- C. The drainage pathways from the site.
- D. Nearby waterways and sensitive areas and their distances from the site.

4. Potential Spill Sources

Describe each of the following for all potentially hazardous materials brought or generated on-site (including materials used for equipment operation, refueling, maintenance, or cleaning):

- A. Name of material and its intended use.
- B. Estimated maximum amount on-site at any one time.
- C. Location(s) (including any equipment used below the ordinary high water line) where the material will be staged, used, and stored and the distance(s) from nearby waterways and sensitive areas.
- D. Decontamination location and procedure for equipment that comes into contact with the material.
- E. Disposal procedures.

5. Pre-Existing Contamination

Describe any pre-existing contamination and contaminant sources (such as buried pipes or tanks) in the project area that are described in the Contract documents. Identify equipment and work practices that will be used to prevent the release of contamination.

6. Spill Prevention and Response Training

Describe how and when all personnel (including refueling contractors and Subcontractors) will be trained in spill prevention, containment and response in accordance with the Plan. Describe how and when all spill responders will be trained in accordance with WAC 296-824.

7. Spill Prevention

Describe the following items:

- A. Spill response kit contents and location(s).
- B. Security measures for potential spill sources.
- C. Secondary containment practices and structures for hazardous materials.
- D. Methods used to prevent stormwater from contacting hazardous materials.
- E. Site inspection procedures and frequency.
- F. Equipment and structure maintenance practices.

- 1 G. Daily inspection and cleanup procedures that ensure all equipment used  
2 below the ordinary high water line is free of all external petroleum based  
3 products.  
4  
5 H. Refueling procedures for equipment that cannot be moved from below  
6 the ordinary high water line.  
7

8 8. Spill Response

9 Outline the response procedures the Contractor will follow for each scenario listed  
10 below. Include a description of the actions the Contractor shall take and the  
11 specific, on-site, spill response equipment that shall be used to assess the spill,  
12 secure the area, contain and eliminate the spill source, and clean up and dispose  
13 of spilled and contaminated material.  
14

- 15 A. A spill of each type of hazardous material at each location identified in 4,  
16 above.  
17  
18 B. Stormwater that has come into contact with hazardous materials.  
19  
20 C. A release or spill of any pre-existing contamination and contaminant  
21 source described in 5, above.  
22  
23 D. A release or spill of any unknown pre-existing contamination and  
24 contaminant sources (such as buried pipes or tanks) encountered during  
25 project Work.  
26  
27 E. A spill occurring during Work with equipment used below the ordinary  
28 high water line.  
29

30 If the Contractor will use a Subcontractor for spill response, provide contact  
31 information for the Subcontractor under item 1 (above), identify when the  
32 Subcontractor will be used, and describe actions the Contractor shall take while  
33 waiting for the Subcontractor to respond.  
34

35 9. Project Site Map

36 Provide a map showing the following items:

- 37  
38 A. Site location and boundaries.  
39  
40 B. Site access roads.  
41  
42 C. Drainage pathways from the site.  
43  
44 D. Nearby waterways and sensitive areas.  
45  
46 E. Hazardous materials, equipment, and decontamination areas identified in  
47 4, above.  
48  
49 F. Pre-existing contamination or contaminant sources described in 5,  
50 above.  
51  
52 G. Spill prevention and response equipment described in 7 and 8, above.

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10. Spill Report Forms  
Provide a copy of the spill report form(s) that the Contractor will use in the event of a release or spill.

**Payment**

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

“SPCC Plan”, lump sum.

When the written SPCC is accepted by WSDOT, the Contractor shall receive 50-percent of the lump sum Contract price for the plan.

The remaining 50-percent of the lump sum price will be paid after the materials and equipment called for in the plan are mobilized to the project.

The lump sum payment for “SPCC Plan” shall be full pay for:

1. All costs associated with creating the accepted SPCC Plan.
2. All costs associated with providing and maintaining the on-site spill prevention equipment described in the accepted SPCC Plan.
3. All costs associated with providing and maintaining the on-site standby spill response equipment and materials described in the accepted SPCC Plan.
4. All costs associated with implementing the spill prevention measures identified in the accepted SPCC Plan.
5. All costs associated with updating the SPCC Plan as required by this Specification.

As to other costs associated with releases or spills, the Contractor may request payment as provided for in the Contract. No payment shall be made if the release or spill was caused by or resulted from the Contractor’s operations, negligence, or omissions.

**1-07.16(4) Archaeological and Historical Objects**

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

**1-07.16(4)A Inadvertent Discovery of Human Skeletal Remains**

If human skeletal remains are encountered by the Contractor, they shall not be further disturbed. The Contractor shall immediately notify the Engineer of any such finds, and shall cease all work adjacent to the discovery, in an area adequate to provide for the total security and protection of the integrity of the skeletal remains. The Engineer may require the Contractor to suspend Work in the vicinity of the discovery until final determinations and removal of the skeletal remains is completed.

If the Engineer finds that the suspension of Work in the vicinity of the discovery increases or decreases the cost or time required for performance of any part of the Work under this Contract, the Engineer will make an adjustment in payment or the time required for the performance of the Work in accordance with [Sections 1-04.4](#) and [1-08.8](#).

1  
2 **1-07.17(2) Utility Construction, Removal or Relocation by Others**

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

4  
5 If the Contract provides notice that utility work (including furnishing, adjusting, relocating,  
6 replacing, or constructing utilities) will be performed by others during the prosecution of the  
7 Work, the Special Provisions will establish the utility owners anticipated completion.  
8

9 The first sentence in the third paragraph is revised to read:

10  
11 When others delay the Work through late performance of utility work, the Contractor shall  
12 adhere to the requirements of Section 1-04.5.  
13

14 **1-07.23 Public Convenience and Safety**

15 This section is revised to read:

16  
17 The Contractor shall be responsible for providing adequate safeguards, safety devices,  
18 protective equipment, and any other needed actions to protect the life, health, and safety of  
19 the public, and to protect property in connection with the performance of the Work covered  
20 by the Contract. The Contractor shall perform any measures or actions the Engineer may  
21 deem necessary to protect the public and property. The responsibility and expense to  
22 provide this protection shall be the Contractor's except that which is to be furnished by the  
23 Contracting Agency as specified in other sections of these Specifications. Nothing  
24 contained in this Contract is intended to create any third-party beneficiary rights in favor of  
25 the public or any individual utilizing the Highway facilities being constructed or improved  
26 under this Contract.  
27

28 **1-07.23(1) Construction Under Traffic**

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

30  
31 The Contractor shall maintain existing roads, streets, sidewalks, and paths within the  
32 project limits, keeping them open, and in good, clean, safe condition at all times.  
33

34 The fifth sentence in the second paragraph is revised to read:

35  
36 The Contractor shall also maintain roads, streets, sidewalks, and paths adjacent to the  
37 project limits when affected by the Contractor's operations.  
38

39 The final paragraph in this section is deleted.  
40

41 **1-07.23(2) Construction and Maintenance of Detours**

42 Number 1. under the first paragraph is revised to read:

43  
44 Detours and detour bridges that will accommodate traffic diverted from the Roadway,  
45 bridge, sidewalk or path during construction,  
46

47 **SECTION 1-08, PROSECUTION AND PROGRESS**

48 **August 4, 2008**

49 **1-08.1 Subcontracting**

50 Item (2) in the first sentence of the seventh paragraph is revised to read:  
51

- 1 (2) Delivery of these materials to the Work site in vehicles owned or operated by such  
2 plants or by recognized independent or commercial hauling companies hired by those  
3 commercial plants.  
4

### 5 **1-08.3(2)A Type A Progress Schedule**

6 This section is revised to read:  
7

8 The Contractor shall submit five copies of a Type A Progress Schedule no later than 10  
9 days after the date the contract is executed, or some other mutually agreed upon submittal  
10 time. The schedule may be a critical path method (CPM) schedule, bar chart, or other  
11 standard schedule format. Regardless of which format used, the schedule shall identify the  
12 critical path. The Engineer will evaluate the Type A Progress Schedule and approve or  
13 return the schedule for corrections within 15 calendar days of receiving the submittal.  
14

### 15 **1-08.5 Time for Completion**

16 The third sentence in the first paragraph is revised to read:  
17

18 A nonworking day is defined as a Saturday, a Sunday, a whole or half day on which the  
19 Contract specifically prohibits Work on the critical path of the Contractor's approved  
20 progress schedule, or one of these holidays: January 1, the third Monday of January, the  
21 third Monday of February, Memorial Day, July 4, Labor Day, November 11, Thanksgiving  
22 Day, the day after Thanksgiving, and Christmas Day.  
23

### 24 **1-08.6 Suspension of Work**

25 The first paragraph is revised to read:  
26

27 The Engineer may order suspension of all or any part of the Work if:  
28

- 29 1. Unsuitable weather that prevents satisfactory and timely performance of the Work;  
30 or  
31
- 32 2. The Contractor does not comply with the Contract: or  
33
- 34 3. It is in the public interest.  
35

### 36 **1-08.7 Maintenance During Suspension**

37 The first sentence in the fourth paragraph is revised to read:  
38

39 If the Engineer determines that the Contractor has pursued the Work diligently before the  
40 suspension, then the Contracting Agency will maintain the temporary Roadway (and bear  
41 its cost).  
42

43 The fifth paragraph is revised to read:  
44

45 The Contractor shall protect and maintain all other Work in areas not used by traffic. All  
46 costs associated with protecting and maintaining such Work shall be the responsibility of  
47 the Contractor, except those costs associated with implementing the TESC Plan according  
48 to Section 8-01.  
49

50 The seventh paragraph is revised to read:  
51

52 After any suspension, the Contractor shall resume all responsibilities the Contract assigns  
53 for the Work.

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**SECTION 1-09, MEASUREMENT AND PAYMENT**  
**April 7, 2008**

**1-09.9 Payments**

The first paragraph is supplemented with the following:

For items Bid as lump sum, the Contractor shall submit a breakdown of their lump sum price in sufficient detail for the Project Engineer to determine the value of the Work performed on a monthly basis. Lump sum breakdowns shall be provided to the Project Engineer no later than the date of the preconstruction meeting.

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

Unless otherwise provided in the payment clause of the applicable Specifications, partial payment for lump sum Bid items will be a percentage of the price in the Proposal based on the Project Engineer's determination of the amount of Work performed, with consideration given to but not exclusively based on the Contractors lump sum breakdown.

The third paragraph is supplemented with the following:

The determination of payments under the contract will be final in accordance with Section 1-05.1.

**1-09.9(1) Retainage**

In the fourth paragraph, number 1, the reference to \$20,000 is revised to read \$35,000.

**SECTION 1-10, TEMPORARY TRAFFIC CONTROL**  
**April 6, 2009**

**1-10.1(2) Description**

The following new paragraph is inserted after the second paragraph:

Unless otherwise permitted by the Contract or approved by the Project Engineer, the Contractor shall keep all existing pedestrian routes and access points (including sidewalks, paths and crosswalks) open and clear at all times.

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

The Contractor shall erect and maintain all construction signs, warning signs, detour signs, and other traffic control devices necessary to warn and protect the public at all times from injury or damage as a result of the Contractor's operations which may occur on or adjacent to Highways, roads, streets, sidewalks or paths. No Work shall be done on or adjacent to any Traveled Way until all necessary signs and traffic control devices are in place.

**1-10.2(1) General**

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

1 Possession of a current TCS card and flagging card by the primary and alternate TCS is  
2 mandatory.  
3

#### 4 **1-10.2(2) Traffic Control Plans**

5 The first sentence in the first paragraph is revised to read:  
6

7 The traffic control plan or plans appearing in the Contract documents show a method of  
8 handling vehicle, bicycle and pedestrian traffic.  
9

10 In the third sentence of the second paragraph, the reference to "MUTCD, Part VI" is revised to  
11 "MUTCD, Part 6".  
12

#### 13 **1-10.3(2)B Rolling Slowdown**

14 The first two paragraphs are deleted and replaced with the following:  
15

16 Rolling slowdown traffic control operations are not to be used for routine work that can be  
17 addressed by standard lane or shoulder closure traffic control. When a short-term roadway  
18 closure is needed for an infrequent, non-repetitive work operation such as a sign bridge  
19 removal, or utility wire crossing, the Contractor may implement a rolling slowdown on a  
20 multi-lane roadway, as part of an approved traffic control plan.  
21

22 The Contractor shall submit for approval a traffic control plan detailing the expected delay  
23 time, interchange ramp control and rolling slowdown distance. A portable changeable  
24 message sign shall be placed ahead of the starting point of the traffic control to warn traffic  
25 of the slowdown. The sign shall be placed far enough ahead of the Work to avoid any  
26 expected backup of vehicles.  
27

28 A rolling slowdown shall use traffic control vehicles with flashing amber lights. At least one  
29 traffic control vehicle will be used for every two lanes to be slowed, plus a control vehicle  
30 will serve as a following (chase) vehicle for traffic ahead of the blockade. The traffic control  
31 vehicles shall enter the roadway and form a moving blockade to reduce traffic speeds and  
32 create a clear area ahead of the blockade in which to accomplish the work without a total  
33 stoppage of traffic.  
34

#### 35 **1-10.3(3)A Construction Signs**

36 The fifth paragraph is revised to read:  
37

38 Where it is necessary to add weight to signs for stability, sand bags or other similar ballast  
39 may be used but the height shall not be more than 4-inches above the Roadway surface,  
40 and shall not interfere with the breakaway features of the device. The Contractor shall  
41 follow the manufacturer's recommendations for sign ballasting.  
42

#### 43 **1-10.3(3)D Barricades**

44 The second paragraph is revised to read:  
45

46 Where it is necessary to add weight to barricades for stability, sand bags or other similar  
47 ballast may be used but the height shall not be more than 4-inches above the Roadway  
48 surface and shall not interfere with the breakaway features of the device. The Contractor  
49 shall follow the manufacturer's recommendation for sign ballasting.  
50

#### 51 **1-10.3(3)G Traffic Cones**

52 This section including title is revised to read:

1  
2 **1-10.3(3)G Traffic Cones and Tall Channelizing Devices**

3 Where shown on an approved traffic control plan or where ordered by the Engineer, the  
4 Contractor shall provide, install and maintain traffic cones or tall channelizing devices.  
5 Cones and tall channelizing devices shall be kept in good repair and shall be removed  
6 immediately when directed by the Engineer. Where wind or moving traffic frequently  
7 displaces cones, an effective method of stabilizing them, such as stacking two together at  
8 each location, shall be employed.  
9

10 **1-10.3(3)K Portable Temporary Traffic Control Signal**

11 The first paragraph is revised to read:

12  
13 Where shown on an approved traffic control plan, the Contractor shall provide, operate,  
14 maintain and remove a portable temporary traffic control signal system to provide  
15 alternating one-lane traffic operations on a two-way facility. A portable temporary traffic  
16 control signal system shall be defined as two traffic control units that operate together. The  
17 system shall be trailer mounted, fully self-contained and designed so that it can be easily  
18 transported and deployed at different locations.  
19

20 The third sentence in the second paragraph is deleted.

21  
22 The following is inserted in front of the sixth paragraph:

23  
24 The Traffic Control Supervisor shall monitor and insure that the Portable Temporary Traffic  
25 Control Signal is fully operational and maintained as specified by the manufacturer. This  
26 Work may include cleaning and replacing lamps and other routine maintenance as needed.  
27

28 **1-10.4(2) Item Bids with Lump Sum for Incidentals**

29 The unit of measurement statement for "Portable Temporary Traffic Control Signal" is revised to  
30 read:

31  
32 No specific unit of measurement will apply to the lump sum item of "Portable Temporary  
33 Traffic Control Signal"  
34

35 **1-10.5(1) Lump Sum Bid for Project (No Unit Items)**

36 This section is revised to read:

37  
38 "Project Temporary Traffic Control", lump sum.  
39

40 The lump sum Contract payment shall be full compensation for all costs incurred by the  
41 Contractor in performing the Contract Work defined in Section 1-10, except for costs  
42 compensated by Bid Proposal items inserted through Contract Provisions as described in  
43 Section 1-10.4(3).  
44

45 **1-10.5(2) Item Bids with Lump Sum for Incidentals**

46 The unit of measure for the bid item "Portable Temporary Traffic Control Signal," is revised to  
47 lump sum.  
48

49 The paragraph following "Portable Temporary Traffic Control Signal," is revised to read:

50  
51 The lump sum Contract price shall be full compensation for all costs of labor, materials and  
52 equipment incurred by the Contractor in performing the Contract Work as described in  
53 Section 1-10.3(3)K, including all costs for traffic control during manual control, adjustment,

1 malfunction, or failure of the portable traffic control signals and during replacement of failed  
2 or malfunctioning signals.  
3

4 **SECTION 2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP**  
5 **April 7, 2008**

6 **2-01.3(1) Clearing**

7 Item 3 .is deleted.  
8

9 The first sentence in Item 4. is revised to read:  
10

11 Follow these requirements for all stumps that will be buried deeper than 5-feet from the top,  
12 side, or end surface of the embankment or any structure:  
13

14 **2-01.3(2) Grubbing**

15 Item 2. e, is revised to read:  
16

17 Upon which embankments will be placed except stumps may be close-cut or trimmed as  
18 allowed in Section 2-01.3(1) item 4.  
19

20 **SECTION 2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS**  
21 **April 7, 2008**

22 **2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters**

23 The first sentence in 3. is supplemented with the following:  
24

25 For removal of bituminous pavement, asphalt planing equipment may be used in lieu of  
26 sawcutting provided that a clean vertical edge remains.  
27

28 **SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT**  
29 **January 7, 2008**

30 **2-03.1 Description**

31 The first sentence in the first paragraph is revised to read:  
32

33 The Work described in this section, regardless of the nature or type of the materials  
34 encountered, includes excavating and grading the Roadway, excavating in borrow pits,  
35 excavating below grade, excavating channels and ditches, removing slide material, and  
36 disposing of all excavated material.  
37

38 **2-03.3(3) Excavation Below Grade**

39 The section title is revised to read:  
40

41 **2-03.3(3) Excavation Below Subgrade**  
42

43 The first sentence in the fifth paragraph is revised to read:  
44

45 **Compaction.** If the density of the natural earth under any area of the Roadway is less  
46 than that required in Section 2-03.3(14)C, Method B, the Engineer may order the  
47 Contractor to perform any or all of the following:

1  
2 **2-03.3(14)M Excavation of Channels**

3 This section including title is revised to read:  
4

5 **2-03.3(14)M Excavation of Channels and Ditches**

6 Channel Excavation: Open excavations 8-feet or more wide at the bottom, but excludes  
7 channels that are part of the Roadway.  
8

9 Ditch Excavation: Open excavations less than 8-feet wide at the bottom, but excludes  
10 ditches that are part of the Roadway.  
11

12 Before excavating channels or ditches, the Contractor shall clear and grub the area in  
13 accordance with Section 2-01.  
14

15 **2-03.4 Measurement**

16 The first sentence in the first paragraph is revised to read:  
17

18 Roadway excavation, channel excavation, ditch excavation, unsuitable foundation  
19 excavation, and common borrow items will be measured by the cubic yard.  
20

21 The fourth sentence in the first paragraph is revised to read:  
22

23 For Roadway excavation, channel excavation and ditch excavation items, the original  
24 ground will be compared with the planned finished section shown in the Plans.  
25

26 **2-03.5 Payment**

27 The first paragraph is supplemented with the following:  
28

- 29 "Channel Excavation", per cubic yard.
- 30 "Channel Excavation Incl. Haul", per cubic yard.
- 31 "Ditch Excavation", per cubic yard.
- 32 "Ditch Excavation Incl. Haul", per cubic yard.  
33

34 The first sentence in the second paragraph is revised to read:  
35

36 The unit Contract price per cubic yard for "Roadway Excavation", "Roadway Excavation  
37 Incl. Haul", "Roadway Excavation – Area \_\_\_", "Roadway Excavation Incl. Haul – Area \_\_\_",  
38 "Channel Excavation", "Channel Excavation Incl. Haul", "Ditch Excavation" and "Ditch  
39 Excavation Incl. Haul" shall be full compensation for all costs incurred for excavating,  
40 loading, placing, or otherwise disposing of the material.  
41

42 The second paragraph is supplemented with the following:  
43

44 When a bid item is not included in the proposal for channel excavation or ditch excavation  
45 all costs shall be included in roadway excavation.  
46

47 The third paragraph is revised to read:  
48

49 When the Engineer orders Work according to Section 2-03.3(3), unit Contract prices shall  
50 apply, unless the Work differs materially from the excavation above Subgrade, then  
51 payment will be in accordance with Section 1-04.4.  
52

1 **SECTION 2-10, DITCH EXCAVATION**  
2 **January 7, 2008**

3 This section is deleted in its entirety. The section title is revised to read:

4  
5 **2-10 VACANT**  
6

7 **SECTION 5-04, HOT MIX ASPHALT**  
8 **December 1, 2008**

9 **5-04.3(9) Spreading and Finishing**

10 The nominal compacted depth for HMA Class  $\frac{3}{4}$ " and HMA Class  $\frac{1}{2}$ " listed under the first  
11 paragraph is revised to read:

12	HMA Class $\frac{3}{4}$ " and HMA Class $\frac{1}{2}$ "	
13	wearing course	0.30-feet
14	other courses	0.35-feet
15		
16		

17 **5-04.3(12)B Longitudinal Joints**

18 The first two paragraphs are revised to read:

19  
20 The longitudinal joint in any 1 course shall be offset from the course immediately below by  
21 not more than 6-inches nor less than 2-inches. All longitudinal joints constructed in the  
22 wearing course shall be located at a lane line or an edge line of the Traveled Way.

23  
24 On one-lane ramps a longitudinal joint may be constructed at the center of the traffic lane,  
25 subject to approval by the Project Engineer, if:

- 26
- 27 1. The ramp must remain open to traffic, or
  - 28 2. The ramp is closed to traffic and a hot-lap joint is constructed.
- 29
- 30 a. If a hot-lap joint is allowed at the center of the traffic lane, 2 paving machines
  - 31 shall be used; a minimum compacted density in accordance with Section 5-
  - 32 04.3(10)B shall be achieved throughout the traffic lane; and construction
  - 33 equipment other than rollers shall not operate on any uncompacted mix.
  - 34
  - 35

36 The reference to Standard Plan A-1 in the third paragraph is revised to read "Standard Plan  
37 A40.10-00."

38  
39 **5-04.3(16) Weather Limitations**

40 The chart for **Surface Temperature Limitation** is revised to read:

41

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

42

1  
2 **5-04.3(21) Asphalt Binder Revision**

3 This section is revised to read:

4  
5 When the Contracting Agency provides a source of aggregate, the expected percentage  
6 content of asphalt binder in the resulting mix will be identified in the Contract documents.  
7

8 Should the percentage of asphalt binder shown in the job mix formula for Hot Mix Asphalt  
9 produced with Agency-provided aggregate vary by more than plus or minus 0.3-percent  
10 from the amount shown in the Contract documents, an adjustment in payment will be  
11 made. The adjustment in payment (plus or minus) will be based on the invoice unit cost,  
12 including shipping cost, without any markups. The quantity subject to an adjustment shall  
13 be the difference between the JMF asphalt binder percentage and the contract document  
14 asphalt binder percentage except that the first 0.3% of this difference shall not apply. No  
15 adjustment will be made when the Contractor elects not to use a Contracting Agency-  
16 provided source, or when no source is made available by the Contracting Agency.  
17

18 **SECTION 6-02, CONCRETE STRUCTURES**

19 **April 6, 2009**

20 **6-02.2 Materials**

21 This section is supplemented with the following:

22  
23 Pigmented Sealer Materials for Coating of Concrete Surfaces 9-08.2(1)  
24

25 **6-02.3(2)A Contractor Mix Design**

26 The third sentence in the fourth paragraph is revised to read:

27  
28 The nominal maximum size aggregate for Class 4000P shall be 3/8-inch.  
29

30 The fourth sentence in the fourth paragraph is revised to read:

31  
32 The nominal maximum size aggregate for Class 4000D shall be 1-inch.  
33

34 **6-02.3(2)B Commercial Concrete**

35 The second paragraph is revised to read:

36  
37 Where concrete Class 3000 is specified for items such as, culvert headwalls, plugging  
38 culverts, concrete pipe collars, pipe anchors, monument cases, light standard foundations,  
39 pedestals, cabinet bases, guardrail anchors, sign post foundations, fence post footings,  
40 sidewalks, curbs, and gutters, the Contractor may use commercial concrete. If commercial  
41 concrete is used for sidewalks, curbs, and gutters, it shall have a minimum cementitious  
42 material content of 564-pounds per cubic yard of concrete, shall be air entrained, and the  
43 tolerances of Section 6-02.3(5)C shall apply. Commercial concrete shall not be used for  
44 items such as, bridges, retaining walls, box culverts, or foundations for high mast  
45 luminaires, mast arm traffic signals, cantilever signs, and sign bridges. The Engineer may  
46 approve the use of commercial concrete for other applications not listed above.  
47

48 **6-02.3(6)D Protection Against Vibration**

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

1 These requirements for the protection of freshly placed concrete against vibration shall not  
2 apply for plant cast concrete, nor shall they apply to the vibrations caused by the traveling  
3 public.  
4

5 The third sentence in the second paragraph is deleted.  
6

7 Item (2) under the third paragraph is revised to read:  
8

- 9 (2) Equipment Class L (Low Vibration) shall include tracked dozers under 85,000-pounds,  
10 track vehicles, trucks (unless excluded above), hand operated jack hammers, cranes,  
11 auger drill rig, caisson drilling, vibratory roller compactors under 30,000-pounds, and  
12 grab-hammers.  
13

14 Item (3) under the third paragraph is revised to read:  
15

- 16 (3) Equipment Class H (High Vibration) shall include pile drivers, vibratory hammers,  
17 machine operated impact tools, pavement breakers, and other large pieces of  
18 equipment.  
19

### 20 **6-02.3(10) Roadway Slabs and Bridge Approach Slabs**

21 This section's content is deleted. This section's title is revised to read:  
22

### 23 **6-02.3(10) Bridge Decks and Bridge Approach Slabs**

24 This section is supplemented with the following new sub-sections:  
25

#### 26 **6-02.3(10)A Preconstruction Meeting**

27 A pre-concreting conference shall be held 5 to 10-working days before placing concrete to  
28 discuss construction procedures, personnel, and equipment to be used. Those attending  
29 shall include:  
30

- 31
- 32 1. (representing the Contractor) The superintendent and all foremen in charge of  
33 placing the concrete, finishing it; and  
34
  - 35 2. (representing the State) The Project Engineer, key inspection assistants, and the  
36 State Construction Office.  
37

38 If the project includes more than 1 deck or slab, and if the Contractor's key personnel  
39 change between concreting operations, or at request of the Engineer, an additional  
40 conference shall be held just before each deck or slab is placed.  
41

42 The Contractor shall not place bridge decks until the Engineer agrees that:  
43

- 44 1. Concrete producing and placement rates will be high enough to meet placing and  
45 finishing deadlines;  
46
- 47 2. Finishers with enough experience have been employed;  
48
- 49 3. Adequate finishing tools and equipment are at the site, and  
50
- 51 4. Curing procedures consistent with the Specification requirements are employed.  
52

1 **6-02.3(10)B Screed Rail Supports**

2 The Contractor shall place screed rails outside the finishing area. When screed rails  
3 cannot be placed outside the finishing area as determined by the Engineer, they shall rest  
4 on adjustable supports that can be removed with the least possible disturbance to the  
5 screeded concrete. The supports shall rest on structural members or on forms rigid enough  
6 to resist deflection. Supports shall be removable to at least 2-inches below the finished  
7 surface. For staged constructed bridge decks, the finishing machine screed rails shall not  
8 be supported on the completed portion of deck and shall deflect with the portion of structure  
9 under construction.

10  
11 Screed rails (with their supports) shall be strong enough and stiff enough to permit the  
12 finishing machine to operate effectively on them. All screed rails shall be placed and  
13 secured for the full length of the deck/slab before the concreting begins. If the Engineer  
14 approves in advance, the Contractor may move rails ahead onto previously set supports  
15 while concreting progresses. But such movable rails and their supports shall not change  
16 the set elevation of the screed.

17  
18 On steel truss and girder spans, screed rails and bulkheads may be placed directly on  
19 transverse steel floorbeams, with the strike-board moving at right angles to the centerline of  
20 the Roadway.

21  
22 **6-02.3(10)C Finishing Equipment**

23 The finishing machine shall be self-propelled and be capable of forward and reverse  
24 movement under positive control. The finishing machine shall be equipped with a rotating  
25 cylindrical single or double drum screed not exceeding 60-inches in length. The finishing  
26 machine shall have the necessary adjustments to produce the required cross-section, line,  
27 and grade. Provisions shall be made for the raising and lowering of all screeds under  
28 positive control. The upper vertical limit of screed travel shall permit the screed to clear the  
29 finished concrete surface.

30  
31 For bridge deck widening of 20-feet or less, and for bridge approach slabs, or where jobsite  
32 conditions do not allow the use of conventional configuration finishing machines described  
33 above, the Contractor may propose the use of a hand operated motorized power screed  
34 such as a "Texas" or "Bunyan" screed. This screed shall be capable of finishing the bridge  
35 deck and bridge approach slab to the same standards as the finishing machine. The  
36 Contractor shall not begin placing bridge deck or bridge approach slab concrete until  
37 receiving the Engineer's approval of this screed and the placing procedures.

38  
39 On bridge decks the Contractor may use hand-operated strike-boards only when the  
40 Engineer approves for special conditions where self propelled or motorized hand operated  
41 screeds cannot be employed. These boards shall be sturdy and able to strike off the full  
42 placement width without intermediate supports. Strike-boards, screed rails, and any  
43 specially made auxiliary equipment shall receive the Engineer's approval before use. All  
44 finishing requirements in these Specifications apply to hand-operated finishing equipment.

45  
46 **6-02.3(10)D Concrete Placement, Finishing, and Texturing**

47 Before any concrete is placed, the finishing machine shall be operated over the entire  
48 length of the deck/slab to check screed deflection. Concrete placement may begin only if  
49 the Engineer approves after this test.

50  
51 Immediately before placing concrete, the Contractor shall check (and adjust if necessary)  
52 all falsework and wedges to minimize settlement and deflection from the added mass of the

1 concrete deck/slab. The Contractor shall also install devices, such as telltales, by which the  
2 Engineer can readily measure settlement and deflection.

3  
4 The Contractor shall schedule the concrete placement so that it can be completely finished  
5 during daylight. After dark finishing is permitted if the Engineer approves and if the  
6 Contractor provides adequate lighting.

7  
8 The placement operation shall cover the full width of the Roadway or the full width between  
9 construction joints. The Contractor shall locate any construction joint over a beam or web  
10 that can support the deck/slab on either side of the joint. The joint shall not occur over a  
11 pier unless the Plans permit. Each joint shall be formed vertically and in true alignment. The  
12 Contractor shall not release falsework or wedges supporting pours on either side of a joint  
13 until each side has aged as these Specifications require.

14  
15 Placement of concrete for bridge decks and bridge approach slabs shall comply with  
16 Section 6-02.3(6). The Engineer shall approve the placement method. In placing the  
17 concrete, the Contractor shall:

- 18  
19 1. Place it (without segregation) against concrete placed earlier, as near as possible  
20 to its final position, approximately to grade, and in shallow, closely spaced piles;
- 21  
22 2. Consolidate it around reinforcing steel by using vibrators before strike-off by the  
23 finishing machine;
- 24  
25 3. Not use vibrators to move concrete;
- 26  
27 4. Not revibrate any concrete surface areas where workers have stopped prior to  
28 screeding;
- 29  
30 5. Remove any concrete splashed onto reinforcing steel in adjacent segments before  
31 concreting them;
- 32  
33 6. Tamp and strike off the concrete with a template or strike board moving slowly  
34 forward at an even speed;
- 35  
36 7. Maintain a slight excess of concrete in front of the cutting edge across the entire  
37 width of the placement operation;
- 38  
39 8. Make enough passes with the strike-board (without overfinishing and bringing  
40 excessive amounts of mortar to the surface) to create a surface that is true and  
41 ready for final finish; and
- 42  
43 9. Leave a thin, even film of mortar on the concrete surface after the last pass of the  
44 strike-board.

45  
46 Workers shall complete all post screeding operations without walking on the concrete. This  
47 may require work bridges spanning the full width of the slab.

48  
49 After removing the screed supports, the Contractor shall fill the voids with concrete (not  
50 mortar).

51  
52 If necessary, as determined by the Engineer, the Contractor shall float the surface left by  
53 the finishing machine to remove roughness, minor irregularities, and seal the surface of the  
54 concrete. Floating shall leave a smooth and even surface. Float finishing shall be kept to a

1 minimum number of passes so air bubbles in the concrete are not released. The floats  
2 shall be at least 4-feet long. Each transverse pass of the float shall overlap the previous  
3 pass by at least half the length of the float. The first floating shall be at right angles to the  
4 strike-off. The second floating shall be at right angles to the centerline of the span. A  
5 smooth riding surface shall be maintained across construction joints.  
6

7 Expansion joints shall be finished with a  $\frac{1}{2}$ -inch radius edger.  
8

9 After floating, but while the concrete remains plastic, the Contractor shall test the entire  
10 deck/slab for flatness (allowing for crown, camber, and vertical curvature). The testing shall  
11 be done with a 10-foot straightedge held on the surface. The straightedge shall be  
12 advanced in successive positions parallel to the centerline, moving not more than  $\frac{1}{2}$  the  
13 length of the straightedge each time it advances. This procedure shall be repeated with the  
14 straightedge held perpendicular to the centerline. An acceptable surface shall be one free  
15 from deviations of more than  $\frac{1}{8}$ -inch under the 10-foot straightedge.  
16

17 If the test reveals depressions, the Contractor shall fill them with freshly mixed concrete,  
18 strike off, consolidate, and refinish them. High areas shall be cut down and refinished.  
19 Retesting and refinishing shall continue until an acceptable, deviation free surface is  
20 produced. The hardened concrete shall meet all smoothness requirements of these  
21 Specifications even though the tests require corrective Work.  
22

23 The Contractor shall texture the bridge deck and bridge approach slab by combing the final  
24 surface perpendicular to the centerline. Made of a single row of metal tines, the comb shall  
25 leave striations in the fresh concrete approximately  $\frac{3}{16}$ -inch deep by  $\frac{1}{8}$ -inch wide and  
26 spaced approximately  $\frac{1}{2}$ -inch apart. The Engineer will decide actual depths at the site. (If  
27 the comb has not been approved, the Contractor shall obtain the Engineer's approval by  
28 demonstrating it on a test section.)  
29

30 The Contractor may operate the combs manually or mechanically, either singly or with  
31 several placed end to end. The timing and method used shall produce the required texture  
32 without displacing larger particles of aggregate. Texturing shall end 2-feet from curb lines.  
33 This 2-foot untextured strip shall be hand finished with a steel trowel.  
34

35 If the Plans call for an overlay (to be constructed under the same Contract), such as hot  
36 mix asphalt, latex modified concrete, epoxy concrete, or similar, the Contractor shall  
37 produce the final finish by dragging a strip of damp, seamless burlap lengthwise over the  
38 full width of the deck/slab or by brooming it lightly. A burlap drag shall equal the deck/slab in  
39 width. Approximately 3-feet of the drag shall contact the surface, with the least possible  
40 bow in its leading edge. It shall be kept wet and free of hardened lumps of concrete. When  
41 it fails to produce the required finish, the Contractor shall replace it. When not in use, it  
42 shall be lifted clear of the slab.  
43

44 After the deck/slab has cured, the surface shall not vary more than  $\frac{1}{8}$ -inch under a 10-foot  
45 straightedge placed parallel and perpendicular to the centerline.  
46

47 The Contractor shall cut high spots down with a diamond faced, saw-type cutting machine.  
48 This machine shall cut through mortar and aggregate without breaking or dislodging the  
49 aggregate or causing spalls.  
50

51 Low spots shall be built up utilizing a grout or concrete with a strength equal to or greater  
52 than the required 28-day strength of the deck/slab. The method of build-up shall be  
53 submitted to the Engineer for approval.

1  
2 The surface texture on any area cut down or built up shall match closely that of the  
3 surrounding bridge deck or bridge approach slab area. The entire bridge deck and bridge  
4 approach slab shall provide a smooth riding surface.  
5

#### 6 **6-02.3(10)E Sidewalk**

7 Concrete for sidewalk shall be well compacted, struck off with a strike-board, and floated  
8 with a wooden float to achieve a surface that does not vary more than 1/8-inch under a 10-  
9 foot straightedge. An edging tool shall be used to finish all sidewalk edges and expansion  
10 joints. The final surface shall have a granular texture that will not turn slick when wet.  
11

#### 12 **6-02.3(10)F Bridge Approach Slab Orientation and Anchors**

13 Bridge approach slabs shall be constructed full bridge deck width from outside usable  
14 Shoulder to outside usable Shoulder at an elevation to match the Structure. The bridge  
15 approach slabs shall be modified as shown in the Plans to accommodate the grate inlets at  
16 the bridge ends if the grate inlets are required.  
17

18 Bridge approach slab anchors shall be installed as detailed in the Plans and the anchor  
19 rods, couplers, and nuts shall conform to Section 9-06.5(1). The steel plates shall conform  
20 to ASTM A 36. All metal parts shall receive 1 coat of formula A-11-99 paint meeting the  
21 requirements of Section 9-08.2. The pipe shall be any non-perforated PE or PVC pipe of  
22 the diameter specified in the Plans. Polystyrene shall conform to Section 9-04.6. The  
23 anchors shall be installed parallel both to profile grade and center line of Roadway. The  
24 Contractor shall secure the anchors to ensure that they will not be misaligned during  
25 concrete placement. For Method B anchors installations, the epoxy bonding agent used to  
26 install the anchors shall be Type IV conforming to Section 9-26.1. The compression seal  
27 shall be as noted in the Contract documents. Dowel bars shall be installed in the bridge  
28 approach slabs in accordance with the requirements of the Standard Plans and Section 5-  
29 05.3(10).  
30

31 After curing bridge approach slabs in accordance with Section 6-02.3(11), the bridge  
32 approach slabs may be opened to traffic when a minimum compressive strength of 2,500  
33 psi is achieved.  
34

#### 35 **6-02.3(12) Construction Joints**

36 The third sentence in the second paragraph is deleted.  
37

#### 38 **6-02.3(14) Finishing Concrete Surfaces**

39 The following new sub-section is inserted after Section 6-02.3(14)B:  
40

#### 41 **6-02.3(14)C Pigmented Sealer for Concrete Surfaces**

42 All surfaces specified in the Plans to receive pigmented sealer shall receive a Class 2  
43 surface finish, (except that concrete barrier surfaces shall be finished in accordance with  
44 Section 6-02.3(11)A) and shall receive a light brush sandblasting in order that complete  
45 neutralization of the surface and subsequent penetration of the pigmented sealer is  
46 achieved. All curing agents and form release agents shall be removed. The surface shall  
47 be dry, clean and prepared in accordance with the manufacturer's written instructions. The  
48 Contractor shall submit four copies of the manufacturer's written instructions.  
49

50 The Contractor shall not apply pigmented sealer from a batch greater than twelve months  
51 past the initial date of color sample approval of that batch by the Engineer.

52 The pigmented sealer color or colors for specific concrete surfaces shall be as specified in  
53 the Special Provisions.

1  
2 The pigmented sealer shall be spray applied in accordance with the manufacturer's written  
3 instructions for application, air temperature required for sealer application and curing,  
4 qualification of applicator, rate of application, and number of coats to apply. Pigmented  
5 sealer shall not be applied until the concrete has cured for at least 28 days. Pigmented  
6 sealer shall not be applied upon damp surfaces, nor shall it be applied when the air is misty,  
7 or otherwise unsatisfactory for the work, in the opinion of the manufacturer or the Engineer.  
8 The final appearance shall have an even and uniform color acceptable to the Engineer.  
9

10 For concrete surfaces such as columns, retaining walls, pier walls, abutments, concrete  
11 fascia panels, and noise barrier wall panels, the pigmented sealer shall extend to one foot  
12 below the finish ground line, unless otherwise shown in the Plans.  
13

#### 14 **6-02.3(17)N Removal of Falsework and Forms**

15 The fifth paragraph, beginning with "The Contractor may remove side forms, traffic barrier form,  
16 and pedestrian barrier forms" etc, is deleted.  
17

#### 18 **6-02.3(17)O Early Concrete Test Cylinder Breaks**

19 The third paragraph is revised to read:  
20

21 The cylinders shall be cured in accordance with WSDOT FOP for AASHTO T 23.  
22

#### 23 **6-02.3(20) Grout for Anchor Bolts and Bridge Bearings**

24 This section's title is revised to read:  
25

#### 26 **6-02.3(20) Grout for Anchor Bolts and Bridge Bearings**

#### 27 **6-02.3(25) Prestressed Concrete Girders**

28 In the fourth paragraph, the second sentence in Prestressed Concrete Wide Flange I Girder is  
29 revised to read:  
30

31 WSDOT standard girders in this category include Series WF42G, WF50G, WF58G,  
32 WF66G, WF74G, WF83G, WF95G and WF100G.  
33

34 In the fourth paragraph, the seventh sentence in Spliced Prestressed Concrete Girder is revised  
35 to read:  
36

37 WSDOT standard girders in this category include Series WF66PTG, WF74PTG,  
38 WF83PTG, WF95PTG and WF100PTG.  
39

#### 40 **6-02.3(25)B Casting**

41 The reference to Section 9-23.7 in the second sentence of the third paragraph is deleted.  
42  
43

#### 44 **6-02.3(25)C Prestressing**

45 The fifth paragraph is revised to read:  
46

47 From manufacture to encasement in concrete, prestressing strand shall be protected  
48 against dirt, oil, grease, damage, and all corrosives. Strand shall be stored in a dry  
49 covered area and shall be kept in the manufacturer's original packaging until placement in  
50 the forms. If prestressing strand has been damaged or pitted, it will be rejected.  
51 Prestressing strand with rust shall be spot cleaned with a non-metallic pad to inspect for  
52 any sign of pitting or section loss.

1  
2 **6-02.3(25)J Horizontal Alignment**

3 The first paragraph is revised to read:

4  
5 The Contractor shall check and record the horizontal alignment of the top and bottom  
6 flanges of each girder at the following times:

- 7  
8 1. Initial - upon removal of the girder from the casting bed;
- 9  
10 2. Final - within 2-weeks, but not less than 3-days prior to shipment; and
- 11  
12 3. Storage - between 115 to 125-days after casting, if the girder remains in storage  
13 for a period exceeding 120-days.

14  
15 Each check shall be made by measuring the distance between each flange and a chord  
16 that extends the full length of the girder. The Contractor shall perform and record each  
17 check at a time when the alignment of the girder is not influenced by temporary differences  
18 in surface temperature. Records for the Initial check shall be included in the Contractor's  
19 Prestressed Concrete Certificate of Compliance. Records for the Final and Storage checks  
20 shall be provided to the Engineer for approval.

21  
22 The first sentence in the fifth paragraph is deleted.

23  
24 **6-02.3(25)K Girder Deflection**

25 The first paragraph is revised to read:

26  
27 The Contractor shall check and record the vertical deflection (camber) of each girder at the  
28 following times:

- 29  
30 1. Initial - upon removal of the girder from the casting bed; and
- 31  
32 2. Storage - within 2-weeks, but not less than 3-days prior to shipment, if the girder  
33 remains in storage for a period exceeding 120-days.

34  
35 The Contractor shall perform and record each check at a time when the alignment of the  
36 girder is not influenced by temporary differences in surface temperature. These records  
37 shall be available for the Engineer's inspection, and in the case of girders older than 120-  
38 days, shall be transmitted to the Engineer as soon as practical for evaluation of the effect of  
39 long-term storage on the "D" dimension. Records for the Initial check shall be included in  
40 the Contractor's Prestressed Concrete Certificate of Compliance. Records for the Storage  
41 check shall be provided to the Engineer for approval.

42  
43 **6-02.3(25)L Handling and Storage**

44 The fifth sentence in the third paragraph is deleted.

45  
46 **6-02.3(25)N Prestressed Concrete Girder Erection**

47 The fourth paragraph is revised to read:

48  
49 When prestressed girders arrive on the project, the Project Engineer will confirm that they  
50 are stamped "Approved for Shipment", that the final horizontal alignment and deflection  
51 (camber) check records have been approved, and that they have not been damaged in  
52 shipment, before accepting them.

1 **6-02.3(26)E Ducts**

2 The first six paragraphs under the heading **Ducts for Internal Embedded Installation** are  
3 revised to read:

4  
5 Ducts, including their splices, shall be semi-rigid, air and mortar tight, corrugated plastic  
6 ducts of virgin polyethylene or polypropylene materials, free of water soluble chlorides or  
7 other chemicals reactive with concrete or post-tensioning reinforcement. Ducts, including  
8 their splices, shall either have a white coating on the outside or shall be of a white material  
9 with ultraviolet stabilizers added. Ducts, including their splices, shall be capable of  
10 withstanding concrete pressures without deforming or permitting the intrusion of cement  
11 paste during placement of concrete. All fasteners shall be appropriate for use with plastic  
12 ducts, and all clamps shall be of an approved plastic material.

13  
14 Polyethylene ducts shall conform to ASTM D 3350 with a cell classification of 345464A.  
15 Polypropylene ducts shall conform to ASTM D 4101 with a cell classification of either  
16 PP0340B14541 or PP0340B67884. Resins used for duct fabrication shall have a minimum  
17 oxidation induction time of 20 minutes, in accordance with ASTM D 3895, based on tests  
18 performed by the duct fabricator on samples taken from the lot of finished product. The duct  
19 thickness shall be as specified in Section 10.8.3 of the AASHTO LRFD Bridge Construction  
20 Specifications, latest edition and current interims.

21  
22 Each duct shall maintain the required profile within a placement tolerance of plus or minus  
23  $\frac{1}{4}$ -inch for longitudinal tendons and plus or minus  $\frac{1}{8}$ -inch for transverse slab tendons  
24 during all phases of the work. The minimum acceptable radius of curvature shall be as  
25 recommended by the duct manufacturer and as supported by documented industry  
26 standard testing. The ducts shall be completely sealed to keep out all mortar.

27  
28 Each duct shall be located to place the tendon at the center of gravity alignment shown in  
29 the Plans. To keep friction losses to a minimum, the Contractor shall install ducts to the  
30 exact lines and grades shown in the Plans. Once in place, the ducts shall be tied firmly in  
31 position before they are covered with concrete. During concrete placement, the Contractor  
32 shall not displace or damage the ducts.

33  
34 The ends of the ducts shall:

- 35  
36 1. Permit free movement of anchorage devices, and  
37 2. Remain covered after installation in the forms to keep out all water or debris.

38  
39 Immediately after any concrete placement, the Contractor shall force blasts of oil-free,  
40 compressed air through the ducts to break up and remove any mortar inside before it  
41 hardens. Before deck concrete is placed, the Contractor shall satisfy the Engineer that  
42 ducts are unobstructed and contain nothing that could interfere with tendon installation,  
43 tensioning, or grouting. If the tendons are in place, the Contractor shall show that they are  
44 free in the duct.

45  
46 Ducts shall be capped and sealed at all times until the completion of grouting to prevent the  
47 intrusion of water.

48  
49 The last paragraph under the heading **Ducts for Internal Embedded Installation** is revised to  
50 read:

51  
52 When the duct must be curved in a tight radius, more flexible duct may be used, subject to  
53 the Engineer's approval.

1 The first paragraph under the heading **Ducts for External Exposed Installation** is revised to  
2 read:

3  
4 Duct shall be high-density polyethylene (HDPE) conforming to ASTM D 3350. The cell  
5 classification for each property listed in Table 1 shall be as follows:  
6

7 This section is supplemented with the following:  
8

### 9 **Vents, Grout Injection Ports, Drains and Caps**

10 The Contractor shall install vents at high points and drains at low points of the tendon  
11 profile (and at other places if the Plans require). Vents at high points shall consist of a set of  
12 three vents - one to be installed at the high point of the duct, and flanking vents to be  
13 installed on either side of the high point vent at locations where the duct profile is 8 to 12  
14 inches below the elevation of the high point vent. Vents shall include grout injection ports.  
15

16 Vents and drains shall have a minimum inside diameter of 3/4 inches, and shall be of either  
17 stainless steel, nylon, or polyolefin materials, free of water soluble chlorides or other  
18 chemicals reactive with concrete or post-tensioning reinforcement. Stainless steel vents  
19 and drains shall conform to ASTM A 240 Type 316. Nylon vents and drains shall conform to  
20 cell classification S-PA0141 (weather resistant). Polyolefin vents and drains shall contain an  
21 antioxidant with a minimum oxidation induction time of 20 minutes in accordance with  
22 ASTM D 3895. Polyolefin vents and drains shall also have a stress crack resistance of  
23 three hours minimum when tested at an applied stress of 350 psi in accordance with ASTM  
24 F 2136.  
25

26 All fasteners shall be appropriate for use with plastic ducts, and all clamps shall be of an  
27 approved plastic material. Taping of connections is not allowed. Valves shall be positive  
28 mechanical shut-off valves. Valves, and associated caps, shall have a minimum pressure  
29 rating of 100 psi.  
30

31 Vents shall point upward and remain closed until grouting begins. Drains shall point  
32 downward and remain open until grouting begins. Ends of stainless steel vents and drains  
33 shall be removed 1-inch inside the concrete surface after grouting has been completed.  
34 Ends of nylon or polyolefin vents and drains may be left flush to the surface unless  
35 otherwise specified by the Engineer. Vents, except for grout injection, are not required for  
36 transverse post-tensioning ducts in the roadway slab unless specified in the Plans.  
37

38 Caps shall be made of either stainless steel or fiber reinforced polymer (FRP). Stainless  
39 steel caps shall conform to ASTM A 240 Type 316L. The resin for FRP caps shall be either  
40 nylon, polyester, or acrylonitrile butadiene styrene (ABS). Nylon shall conform to cell  
41 classification S-PA0141 (weather resistant). Caps shall be sealed with "O" ring seals or  
42 precision fitted flat gaskets placed against the bearing plate. Caps shall be fastened to the  
43 anchorage with stainless steel bolts conforming to ASTM A 240 Type 316L.  
44

### 45 **Leak Tightness Testing**

46 The Contractor shall test each completed duct assembly for leak tightness, prior to casting  
47 concrete and placing post-tensioning reinforcement. The Contractor shall submit the  
48 equipment used to conduct the leak tightness testing and to monitor and record the  
49 pressure maintained in and lost from the closed assembly, and the process to be followed  
50 in conducting the leak tightness testing, to the Engineer for approval along with the post-  
51 tensioning system shop drawings in accordance with Section 6-02.3(26)A.  
52

53 Prior to testing, all vents, grout injection ports, and drains shall either be capped or have  
54 their shut-off valves closed. The Contractor shall pressurize the completed duct assembly

1 to an initial air pressure of 50 psi. This pressure shall be held for five minutes to allow for  
2 internal adjustments within the assembly. After five minutes, the air supply valve shall be  
3 closed. The Contractor shall monitor and measure the pressure maintained within the  
4 closed assembly, and any subsequent loss of pressure, over a period of one minute  
5 following the closure of the air supply valve. Locations of leakage shall be identified,  
6 repaired or reconstructed, and the repaired reassembled duct system retested. The cycle of  
7 testing, repair and retesting of each completed duct assembly shall continue until the  
8 completed duct assembly completes a test with pressure loss within the specified amount.  
9 The maximum pressure loss for duct assemblies equal to or less than 150 feet in length  
10 shall be 25 psig. The maximum pressure loss for duct assemblies greater than 150 feet in  
11 length shall be 15 psig.

### 12 13 **6-02.3(26)F Prestressing Reinforcement**

14 The fourth paragraph is revised to read:

15  
16 From manufacture to encasement in concrete or grout, prestressing strand shall be  
17 protected against dirt, oil, grease, damage, and all corrosives. Strand shall be stored in a  
18 dry covered area and shall be kept in the manufacturer's original packaging. If prestressing  
19 strand has been damaged or pitted, it will be rejected. Prestressing strand with rust shall  
20 be spot cleaned with a non-metallic pad to inspect for any sign of pitting or section loss. If  
21 the prestressing reinforcement will not be stressed and grouted for more than seven  
22 calendar days after it is placed in the ducts, the Contractor shall place an approved  
23 corrosion inhibitor conforming to Federal Specification MIL-P-3420F-87 in the ducts.

### 24 25 **6-02.3(26)H Grouting**

26 The following is inserted in front of the first paragraph of this section:

27  
28 Grout for post-tensioning reinforcement shall be a Class C pre-packaged, pumpable, non-  
29 segregating, non-shrink, high-strength grout conforming to the requirements specified in  
30 Section 10.9.3 of the AASHTO LRFD Bridge Construction Specifications, latest edition and  
31 current interims. Pre-packaged components of the grout mix shall be used within six  
32 months or less from date of manufacture to date of usage. Grout for post-tensioning  
33 reinforcement will be accepted based on manufacturer's certificate of compliance in  
34 accordance with Section 1-06.3, except that the water-cementitious material ratio of 0.45  
35 maximum shall be field verified.

36  
37 All grout produced for any single structure shall be furnished by one supplier.

38  
39 All grouting operations shall be conducted by ASBI certified grout technicians.

40  
41 The Contractor shall submit a grouting operation plan to the Engineer for approval in  
42 accordance with Section 6-01.9. The grouting operation plan shall include, but not be  
43 limited to, the following:

- 44  
45 1. Names of the grout technicians, accompanied by documentation of their ASBI  
46 certification.  
47  
48 2. Type, quantity and brand of materials used in the grouting operations, including all  
49 manufacturer's certificates of compliance.  
50  
51 3. Type of equipment to be used, including meters and measuring devices used to  
52 positively measure the quantity of materials used to mix the post-tensioning grout,  
53 the equipment capacity in relation to demand and working conditions, and all  
54 back-up equipment and spare parts.

4. General grouting procedure.
5. Duct leak tightness testing and repair procedures as specified in Section 6-02.3(26)E.
6. Methods used to control the rate of grout flow within the ducts.
7. Theoretical grout volume calculations, and target flow rates recommended by the grout manufacturer as a function of the mixer equipment and the expected range of ambient temperatures.
8. Grout mixing and pumping procedures.
9. Direction of grouting.
10. Sequence of use of the grout injection ports, vents and drains.
11. Procedures for handling blockages.
12. Procedures for post-grouting repairs.

The Contractor shall not begin grouting operations until receiving the Engineer's approval of the grouting operation plan.

Post-tensioning grout shall be mixed in accordance with the pre-packaged grout manufacturer's recommendations using high-shear colloidal mixers. Mechanical paddle mixers will not be allowed. The grout produced for filling post-tensioning ducts shall be free of lumps and undispersed cement. All equipment used to mix each batch of post-tensioning grout shall be equipped with appropriate meters and measuring devices to positively measure all quantities of all materials used to produce the mixed grout. The field test for water-cementitious materials ratio shall be performed prior to beginning the grout injection process. Grouting shall not begin until the material properties of each batch of grout have been confirmed as acceptable.

The fourth paragraph is deleted.

The fifth paragraph is deleted.

The sixth paragraph is deleted

#### **6-02.5 Payment**

The bid item "Commercial Concrete" and the associated paragraph is supplemented with the following:

All costs in connection with furnishing and applying pigmented sealer to concrete surfaces as specified shall be included in the unit contract price per cubic yard for "Conc. Class \_\_\_\_". If the concrete is to be paid for other than by class of concrete then the costs shall be included in the applicable adjacent item of work.

1 **SECTION 6-03, STEEL STRUCTURES**  
2 **April 6, 2009**

3 **6-03.3(33) Bolted Connections**

4 The second paragraph is revised to read:

5  
6 All bolted connections are slip critical. Painted structures require either Type 1 or Type 3  
7 bolts. Unpainted structures require Type 3 bolts. AASHTO M 253 bolts shall not be  
8 galvanized or be used in contact with galvanized metal.  
9

10 **6-03.3(33)A Pre-Erection Testing**

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

12  
13 High strength bolt assemblies (bolt, nut, and washer), black and galvanized, shall be  
14 subjected to a field rotational capacity test, as outlined below, prior to any erection activity.  
15

16 **6-03.3(38) Placing Superstructure**

17 This section is revised to read:

18  
19 The concrete in piers and crossbeams shall reach at least 80-percent of design strength  
20 before girders are placed on them.  
21

22 **6-03.4 Measurement**

23 The second paragraph is revised to read:

24  
25 Cast or forged metal (kind) shown in the Plans will be measured by the pound or will be  
26 paid for on a lump sum basis, whichever is shown on the Proposal.  
27

28 **SECTION 6-05, PILING**  
29 **December 1, 2008**

30 **6-05.3(11)A Tolerances**

31 The first sentence is revised to read:

32  
33 For elevated pier caps, the tops of piles at cut-off elevation shall be within 2-inches of the  
34 horizontal locations indicated in the Contract.  
35

36 **SECTION 6-07, PAINTING**  
37 **April 6, 2009**

38 **6-07.3(1) Painting New Steel Structures**

39 The third paragraph is revised to read:

40  
41 The primer coat, the second coat and the third coat shall all be selected from the same  
42 manufacturer and shall be from one of the approved paint systems listed in the Qualified  
43 Products List. Once a paint system has been selected, that system shall be used  
44 throughout the Structure.  
45

46 The ninth paragraph is deleted.  
47

1 **6-07.3(2)G Painting Steel Surfaces**

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

3  
4 The coating system for all steel surfaces shall incorporate 3 single component moisture-  
5 cured polyurethane coats from the same manufacturer and shall be from one of the  
6 approved paint systems listed in the Qualified Products List.

7  
8 **6-07.3(4) Painting Galvanized Surfaces**

9 This section is revised and renumbered as follows:

10  
11 **6-07.3(4)A Painting of Galvanized Surfaces**

12 All galvanized surfaces receiving paint shall be prepared for painting in accordance with the  
13 ASTM D 6386. The method of preparation shall be as agreed upon by the paint  
14 manufacturer and the galvanizer. The Contractor shall not begin painting until receiving the  
15 Engineer’s approval of the prepared galvanized surface.

16  
17 **Environmental Conditions**

18 Steel surfaces shall be:

- 19  
20 • Greater than 35°F and  
21 • Less than 115°F  
22 or in accordance with the manufacturer’s recommendations, whichever is more  
23 stringent.

24  
25 The Contractor shall paint the dry surface as follows.

26

	Paint Formulas	Type
First Coat	MIL-P-24441	Epoxy polyamide
Second Coat	C-11-99	Moisture Cured Aliphatic Polyurethane

27  
28  
29 Each coat shall be dry before the next coat is applied. All coats applied in the shop shall be  
30 dried hard before shipment.

31  
32 The following new section is inserted before Section 6-07.3(4)A:

33  
34 **6-07.3(4) Painting or Powder Coating of Galvanized Surfaces**

35 Galvanized surfaces specified to be coated after galvanizing shall receive either paint in  
36 accordance with Section 6-07.3(4)A or powder coating in accordance with Section 6-  
37 07.3(4)B. The color of the finish coat shall be as specified in the Special Provisions.

38  
39 The following new sub-section is inserted after Section 6-07.3(4)A:

40  
41 **6-07.3(4)B Powder Coating of Galvanized Surfaces**

42 Powder coating of galvanized surfaces shall conform to the following requirements:

43  
44 **Submittals**

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

- 46  
47 1. The name, location, and contact information (mail address, phone, and e-  
48 mail) for the firm performing the powder coating operation.

- 1 2. Quality control (QC) programs established and followed by the firm  
2 performing the powder coating operation. Forms to document inspection  
3 and testing of coatings as part of the QC program shall be included in the  
4 submittal.
- 5
- 6 3. Project specific powder coating plan, including identification of the  
7 powder coating materials used (and manufacturer), and specific cleaning,  
8 surface preparation, pre-heating, powder coating application, curing,  
9 shop and field coating repair, handling, and storage processes to be  
10 taken for the assemblies being coated for this project.
- 11
- 12 4. Product data and MSDS sheets for all powder coating and coating repair  
13 materials.
- 14

### 15 **Galvanizing**

16 Prior to the galvanizing operation, the Contractor shall identify to the galvanizer the  
17 specific assemblies and surfaces receiving the powder coating after galvanizing, to  
18 ensure that the galvanizing method used on these assemblies is compatible with  
19 subsequent application of a powder coating system. Specifically, such assemblies  
20 shall neither be water-quenched, nor receive a chromate conversion coating, as part of  
21 the galvanizing operation.

### 22 **Galvanized Surface Cleaning and Preparation**

23 Galvanized surfaces receiving the powder coating shall be cleaned and prepared for  
24 coating in accordance with ASTM D 6386, and the project specific powder coating plan  
25 as approved by the Engineer.

26

27 Assemblies conforming to the ASTM D 6386 definition for newly galvanized steel shall  
28 receive surface smoothing and surface cleaning in accordance with ASTM D 6386  
29 Section 5, and surface preparation in accordance with ASTM D 6386 Section 5.4.1.

30

31 Assemblies conforming to the ASTM D 6386 definition for partially weathered  
32 galvanized steel shall be checked and prepared in accordance with ASTM D 6386  
33 Section 6, before then receiving surface smoothing and surface cleaning in  
34 accordance with ASTM D 6386 Section 5, and surface preparation in accordance with  
35 ASTM D 6386 Section 5.4.1.

36

37 Assemblies conforming to the ASTM D 6386 definition for weathered galvanized steel  
38 shall be prepared in accordance with ASTM D 6386 Section 7, before then receiving  
39 surface smoothing and surface cleaning in accordance with ASTM D 6386 Section 5  
40 and surface preparation in accordance with ASTM D 6386 Section 5.4.1.

41 The Contractor shall notify the Engineer of all surface cleaning and preparation  
42 activities, and shall provide the Engineer opportunity to perform quality assurance  
43 inspection, in accordance with Section 1-05.6, at the completion of surface cleaning  
44 and preparation activities prior to beginning powder coating application.

### 45 **Powder Coating Application and Curing**

46 After surface preparation, the two component powder coating shall be applied in  
47 accordance with the powder coating manufacturer's recommendations, the project  
48 specific powder coating plan as approved by the Engineer, and as follows:

- 49 1. Pre-heat. The pre-heat shall be sufficient to prevent pin holes from forming in  
50 the finished coating system.
- 51
- 52
- 53
- 54

2. Apply the epoxy primer coat, followed by a partial cure.
3. Apply the polyester finish coat, followed by the finish cure.

### Testing

The firm performing the powder coating operation shall conduct, or make arrangements for, QC testing on all assemblies receiving powder coating for this project, in accordance with the powder coating firm's QC program as documented in item 2 of the Submittal subsection above. Testing may be performed on coated surfaces of production fabricated items, or on a representative test panel coated alongside the production fabricated items being coated. There shall be a minimum of one set of tests representing each cycle of production fabricated items coated and cured. Additional tests shall be performed at the request of the Engineer. Repair of damaged coatings on production fabricated items shall be the responsibility of the firm applying the powder coating, and shall be in accordance with the project specific powder coating plan as approved by the Engineer. At a minimum, the QC testing shall test for the following requirements:

1. Visual inspection for the presence of coating holidays, and other unacceptable surface imperfections.
2. Coating thickness measurement in accordance with Section 6-07.3(5). The minimum thickness of the epoxy primer coating and polyester finish coating shall be 3 mils each.
3. Hardness testing in accordance with ASTM D 3363, with the finish coat providing a minimum hardness value of H.
4. Adhesion testing in accordance with ASTM D 4541 for 400 psi minimum adhesion for the complete two component coating system.
5. Powder Coating Institute (PCI) #8 recommended procedure for solvent cure test.

The results of the QC testing shall be documented in a QC report, and submitted to the Engineer for approval.

The Engineer shall be provided notice and access to all assemblies at the powder coating facility for the purposes of Contracting Agency acceptance inspection, including notice and access to witness all hardness and adhesion testing performed by the firm conducting the QC testing, in accordance with Section 1-05.6.

Assemblies not meeting the above requirements will be subject to rejection by the Engineer. Rejected assemblies shall be repaired or re-coated by the Contractor, at no additional expense to the Contracting Agency, in accordance with the project specific powder coating plan as approved by the Engineer until the assemblies satisfy the acceptance testing requirements.

Assemblies shall not be shipped from the powder coating firm's facility to the project site until the Contractor receives the Engineer's approval of the QC Report and assembly inspection performed by the Engineer.

1           **Coating Protection For Shipping, Storage, and Field Erection**

2           After curing and acceptance, the Contractor shall protect the coated assemblies with  
3           multiple layers of bubble wrap, or other protective wrapping materials specified in the  
4           project specific powder coating plan as approved by the Engineer.

5  
6           During storage and shipping, each assembly shall be separated from other assemblies  
7           by expanded polystyrene spacers and other spacing materials specified in the project  
8           specific powder coating plan as approved by the Engineer.

9  
10          After erection, all coating damage due to the Contractor's shipping, storage, handling,  
11          and erection operations shall be repaired by the Contractor, at no additional expense  
12          to the Contracting Agency, in accordance with the project specific powder coating plan  
13          as approved by the Engineer. The Contractor shall provide the Engineer access to all  
14          locations of all powder coated members for verification of coating conditions prior to  
15          and following all coating repairs.

16  
17          **6-07.3(5) Paint - Film Thickness**

18          The second sentence in the first paragraph is deleted and replaced with the following:

19  
20                 The dry film thickness of the primer coat on faying surfaces shall not be less than 2.5 mils  
21                 nor greater than the paint manufacturer's maximum recommended thickness. The primer  
22                 coat shall meet the coefficient of friction requirements of Section 6-07.3(1) and 6-07.3(2)E  
23                 Item 2. Top flange surfaces to be embedded in concrete shall receive a mist coat. Welded  
24                 shear connectors, if installed in the shop, shall not receive paint except for incidental  
25                 overspray.

26  
27          **SECTION 6-11, REINFORCED CONCRETE WALLS**

28          **August 4, 2008**

29          **6-11.3(3) Precast Concrete Wall Stem Panels**

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

31  
32                 The Contractor may fabricate precast concrete wall stem panels for construction of  
33                 Standard Plan Retaining Walls.

34  
35          The first sentence in the second paragraph is revised to read:

36  
37                 The precast concrete wall stem panels shall be designed in accordance with the following  
38                 codes:

39  
40          The first sentence in number 1. in the second paragraph is revised to read:

- 41  
42                 1. For all loads except as otherwise noted - AASHTO LRFD Bridge Design Specifications,  
43                 latest edition and current interims.

44  
45          **6-11.3(5) Backfill, Weepholes and Gutters**

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

1 Unless the Plans specify otherwise, backfill and weepholes shall be placed in accordance  
2 with the Standard Plans and Section 6-02.3(22).  
3

4 **SECTION 8-11, GUARDRAIL**  
5 **December 1, 2008**

6 **8-11.3(4) Removing Guardrail and Guardrail Anchor**

7 The following is inserted after the third sentence in the first paragraph:  
8

9 The embedded anchors attaching guardrail posts and guardrail terminal sections specified  
10 for removal to existing concrete Structures shall be removed a minimum of one inch  
11 beneath the existing concrete surface. The void left by removal of the embedded anchors  
12 shall be coated with epoxy bonding agent and filled with grout. The epoxy bonding agent  
13 shall be Type II conforming to Section 9-26.1 with the grade and class as recommended by  
14 the epoxy bonding agent manufacturer and as approved by the Engineer. The grout shall  
15 consist of cement and fine aggregate mixed in the proportions to match the color of the  
16 existing concrete surface as near as practicable.  
17

18 **SECTION 8-21, PERMANENT SIGNING**  
19 **December 1, 2008**

20 **8-21.3(4) Sign Removal**

21 The following two new paragraphs are inserted after the first sentence in the first paragraph:  
22

23 Sign Structures shall include sign bridges, cantilever sign Structures, bridge mounted sign  
24 brackets, and any other sign mounting structure shown in the Plans to be removed by the  
25 Contractor.  
26

27 The embedded anchors attaching signs and sign Structures specified for removal to  
28 existing concrete Structures shall be removed a minimum of one inch beneath the existing  
29 concrete surface. The void left by removal of the embedded anchors shall be coated with  
30 epoxy bonding agent and filled with grout. The epoxy bonding agent shall be Type II  
31 conforming to Section 9-26.1 with the grade and class as recommended by the epoxy  
32 bonding agent manufacturer and as approved by the Engineer. The grout shall consist of  
33 cement and fine aggregate mixed in the proportions to match the color of the existing  
34 concrete surface as near as practicable.  
35

36 **8-21.3(9)F Bases**

37 This section including title is revised to read:  
38

39 **8-21.3(9)F Foundations**

40 The excavation and backfill shall be in conformance with the requirements of Section 2-  
41 09.3(1)E. Where obstructions prevent construction of planned foundations, the Contractor  
42 shall construct an effective foundation satisfactory to the Engineer.  
43

44 The bottom of concrete foundations shall rest on firm ground. If the portion of the  
45 foundation beneath the existing ground line is formed or cased instead of being cast  
46 against the existing soil forming the sides of the excavation, then all gaps between the  
47 existing soil and the completed foundation shall be backfilled and compacted in accordance  
48 with Section 2-09.3(1)E.

1  
2 Foundations shall be cast in one operation where practicable. The exposed portions shall  
3 be formed to present a neat appearance. Class 2 surface finish shall be applied to  
4 exposed surfaces of concrete in accordance with the requirements of Section 6-02.3(14)B.  
5

6 Where soil conditions are poor, the Engineer may order the Contractor to extend the  
7 foundations shown in the Plans to provide additional depth. Such additional work will be  
8 paid for according to Section 1-04.4.  
9

10 Forms shall be true to line and grade. Tops of foundations for roadside sign structures shall  
11 be finished to ground line, unless otherwise shown in the Plans or directed by the Engineer.  
12 Tops of foundations for sign bridges and cantilever sign structures shall be finished to the  
13 elevation shown in the Plans.  
14

15 Both forms and ground which will be in contact with the concrete shall be thoroughly  
16 moistened before placing concrete; however, excess water in the foundation excavation will  
17 not be permitted. Forms shall not be removed until the concrete has set at least three  
18 days. All forms shall be removed, except when the Plans or Special Provisions specifically  
19 allow or require the forms or casing to remain.  
20

21 Foundation concrete shall conform to the requirements for the specified class, be cast-in-  
22 place concrete and be constructed in accordance with Section 6-02.2 and 6-02.3.  
23

24 Sign structures shall not be erected on concrete foundations until foundations have attained  
25 a compressive strength of 2,400 psi.  
26

27 In addition to the basic requirements, sign bridges and cantilever sign structures shall be  
28 installed in accordance with the following:  
29

- 30 1. Tops of foundations for sign bridges and cantilever sign structures shall be  
31 finished to the elevation shown in the Plans.  
32
- 33 2. Steel reinforcing bars shall conform to Section 9-07.  
34
- 35 3. Concrete shall be Class 4000, except as otherwise specified. Where water is  
36 present in the shaft excavations for Type 1 foundations for sign bridges and  
37 cantilever sign structures, the shaft concrete shall be Class 4000P placed in  
38 accordance with Section 6-02.3(6)B.  
39
- 40 4. All bolts and anchor bolts shall be installed so that two class full threads extend  
41 beyond the top of the top heavy-hex nut. Anchor bolts shall be installed plumb,  
42 plus or minus 1 degree.  
43
- 44 5. Plumbing of sign bridges and cantilever sign structures shall be accomplished by  
45 adjusting leveling nuts. Shims or other similar devices for plumbing or raking will  
46 not be permitted.  
47
- 48 6. The top heavy-hex nuts of sign bridges and cantilever sign structures shall be  
49 tightened in accordance with Section 6-03.3(33), and by the Turn-Of-Nut Method  
50 to a minimum rotation of 1/4 turn and a maximum of 1/3 turn past snug tight.  
51 Permanent marks shall be set on the base plate and nuts to indicate nut rotation  
52 past snug tight.  
53

1 In addition to the basic requirements, roadside sign structures shall be installed in  
2 accordance with the following:

- 3
- 4 1. Tops of foundations shall be finished to final ground line, unless otherwise shown  
5 in the Plans or staked by the Engineer.
- 6
- 7 2. Spiral reinforcing shall conform to AASHTO M32. All other steel reinforcement  
8 shall conform to the requirements of Section 9-07.
- 9
- 10 3. Concrete shall be Class 3000.
- 11
- 12 4. The assembly and installation of all Type TP – A or B bases for roadside sign  
13 structures shall be supervised at all times by either a manufacturer's  
14 representative or an installer who has been trained and certified by the  
15 manufacturer of the system. If the supervision is provided by a trained installer, a  
16 copy of the installer certification shall be provided to the Engineer prior to  
17 installation.
- 18
- 19 5. For all Type – A or B bases the Contractor shall attach four female anchors to a  
20 flat rigid template following the manufacturer's recommendations. The Contractor  
21 shall lower the anchor assembly into fresh concrete foundation and vibrate into  
22 position such that the tops of the anchor washers are flush with the finished top  
23 surface of the foundation. The Contractor shall support the template such that all  
24 anchors are level and in their proper position.
- 25

26 Slip base and hinge connection nuts of roadside sign structures shall be tightened using a  
27 torque wrench to the torque, and following the procedure, specified in the Standard Plans.

### 28

### 29 **8-21.3(10) Vacant**

30 This section is revised to read:

### 31

### 32 **8-21.3(10) Sign Attachment**

33 Sign panels consisting of sheet aluminum or fiberglass reinforced plastic shall be attached  
34 or mounted to sign posts or sign structures as shown in the Standard Plans.

35

36 Signs not conforming to the above, including all variable message sign (VMS) assemblies  
37 and other message board type assemblies, shall be attached or mounted to sign posts or  
38 sign structures by means of positive connections - defined as through-bolted connections.  
39 The use of clips or clamps to accomplish the attachment or mounting of such signs and  
40 assemblies is prohibited.

### 41

### 42 **8-21.3(12) Steel Sign Posts**

43 This section is revised to read:

44

45 For roadside sign structures on Type – A or B bases, the Contractor shall use the following  
46 procedures and manufacturer's recommendations:

- 47
- 48 1. The couplings, special bolts, bracket bolts, and hinge connection nuts on all Type  
49 – A or B bases shall be tightened using the Turn-Of-Nut Tightening Method to a  
50 maximum rotation of 1/2 turn past snug tight.
- 51

- 1           2. The Contractor shall shim as necessary to plumb the steel sign posts.  
2

3 For roadside sign structures on all Type PL and SB slip bases, the Contractor shall use the  
4 following procedures:

- 5  
6           1. The Contractor shall assemble the steel sign post to stub post with bolts and flat  
7 washers as shown in the Standard Plans.  
8  
9           2. Each bolt be tightened using a torque wrench to the torque, and following the  
10 procedures specified in the Standard Plans.  
11

## 12 **SECTION 8-22, PAVEMENT MARKING**

13 **April 6, 2009**

### 14 **8-22.3(2) Preparation of Roadway Surfaces**

15 This section is revised to read:

16  
17 All surfaces shall be dry, free of any loose debris and within the proper temperature range  
18 prior to striping. When required by the pavement marking manufacturer's installation  
19 instructions, remove pavement markings from pavement surfaces that will adversely affect  
20 the bond of new pavement marking material to the roadway surface according to Section 8-  
21 22.3(6).  
22

23 Remove all other contaminants from pavement surfaces that may adversely affect the  
24 installation of new pavement markings by sandblasting, shot-blasting, or sweeping. Air  
25 blast the pavement with a high-pressure system to remove extraneous or loose material.  
26

27 Apply materials to new HMA that is sufficiently cured according to the manufacturer's  
28 recommendations. Typically, Type D material applied to new HMA pavement requires a  
29 pavement cure period of 21 days. This cure period may be reduced if the manufacturer  
30 performs a successful bond test and approves the reduction of the pavement cure period.  
31

32 For new Portland Cement Concrete surfaces remove curing compounds and laitance by an  
33 approved mechanical means. Air blast the pavement with a high-pressure system to  
34 remove extraneous or loose material. Apply materials to concrete that has reached a  
35 minimum compressive strength of 2,500 psi and that is sufficiently cured according to the  
36 manufacturer's recommendations. Typically, Type D material applied to Portland cement  
37 concrete pavement requires a pavement cure period of 28 days. This cure period may be  
38 reduced if the manufacturer performs a successful bond test and approves the reduction of  
39 the pavement cure period.  
40

41 After the pavement surface is clean and dry, apply primer as recommended by the  
42 manufacturer to the area receiving the pavement markings. Apply the primer in a  
43 continuous, solid film according to the recommendations of the primer manufacturer and  
44 the pavement markings manufacturer.  
45

### 46 **8-22.3(3) Marking Application**

47 The content of this section is deleted. This section is supplemented with the following new sub-  
48 sections:  
49

1 **8-22.3(3)A Marking Colors**

2 Lane line and right edge line shall be white in color. Center line and left edge line shall be  
3 yellow in color. Transverse markings shall be white, except as otherwise noted in the  
4 Standard Plans.

5  
6 **8-22.3(3)B Line Patterns**

7 Solid line – a continuous line without gaps.

8  
9 Broken line – a line consisting of solid line segments separated by gaps.

10  
11 Dotted line – a broken line with noticeably shorter line segments separated by noticeably  
12 shorter gaps.

13  
14 **8-22.3(3)C Line Surfaces**

15 Flat Lines – Pavement marking lines with a flat surface.

16  
17 Profiled Marking – A profiled pavement marking is a marking that consists of a base line  
18 thickness and a profiled thickness which is a portion of the pavement marking line that is  
19 applied at a greater thickness than the base line thickness. Profiles shall be applied using  
20 the extruded method in the same application as the base line. The profiles may be slightly  
21 rounded provided the minimum profile thickness is provided for the length of the profile.  
22 See the Standard Plans for the construction details.

23  
24 Embossed Plastic Line – Embossed plastic lines consist of a flat line with transverse  
25 grooves. An embossed plastic line may also have profiles. See the Standard Plans for the  
26 construction details.

27  
28 **8-22.3(3)D Line Applications**

29 Surface line – a line constructed by applying pavement marking material directly to the  
30 pavement surface or existing pavement marking.

31  
32 Grooved line – A line constructed by grinding or saw cutting a groove into the pavement  
33 surface and spraying, extruding or gluing pavement marking material into the groove.  
34 Groove depth is measured vertically from the bottom of a 2-foot or longer straight edge  
35 placed on the roadway surface to the ground surface. The groove depth is dependent upon  
36 the material used, the pavement surface and location. See these Standard Specifications,  
37 the project Plans and Special Provisions.

38  
39 **8-22.3(3)E Installation**

40 Apply pavement marking materials to clean dry pavement surfaces and according to the  
41 following:

- 42  
43 1. Place material according to the manufacture's recommendations;  
44 2. Place parallel double lines in one pass;  
45 3. The top of pavement marking shall be smooth and uniform;  
46 4. Line ends shall be square and clean;  
47 5. Place pavement marking lines parallel and true to line; and,  
48 6. Place markings in proper alignment with existing markings.

49  
50 When applying paint, Type A or Type C material, ensure that both the pavement surface  
51 and the air temperature at the time of application are not less than 50°F and rising. When  
52 applying Type B or Type D material, ensure that both the pavement surface and the air  
53 temperature at the time of application are not less than 40°F and rising.

1  
2 Ensure that the Type A thermoplastic material meets the manufacturers temperature  
3 specifications when it contacts the pavement surface.  
4

5 Two applications of paint will be required to complete all paint markings. The second  
6 application of paint shall be squarely on top of the first pass. The time period between  
7 paint applications will vary depending on the type of pavement and paint (low VOC  
8 waterborne, high VOC solvent, or low VOC solvent) as follows:  
9

Pavement Type	Paint Type	Time Period
Bituminous Surface Treatment	Low VOC Waterborne	4-hours min., 48-hours max.
Hot Mix Asphalt Pavement	Low VOC Waterborne	4-hours min., 30-days max.
Cement Concrete Pavement	Low VOC Waterborne	4-hours min., 30-days max.
Bituminous Surface Treatment	High and Low VOC Solvent	40 min. min., 48 hrs. max.
Hot Mix Asphalt Pavement	High and Low VOC Solvent	40 min. min., 30-days max.
Cement Concrete Pavement	High and Low VOC Solvent	40 min. min., 30-days max.

10  
11  
12 Centerlines on 2-lane Highways with broken line patterns, paint or plastic, shall be applied  
13 in the increasing mile post direction so they are in cycle with existing broken line patterns at  
14 the beginning of the project. Broken line patterns applied to multi-lane or divided  
15 Roadways shall be applied in cycle in the direction of travel.  
16

17 Where paint is applied on centerline on two-way roads with bituminous surface treatment or  
18 centerline rumble strips, the second paint application shall be applied in the opposite  
19 (decreasing mile post) direction as the first application (increasing mile post) direction. This  
20 will require minor broken line pattern corrections for curves on the second application.  
21

22 **8-22.3(3)F Application Thickness**

23 Pavement markings shall be applied at the following base line thickness measured above the  
24 pavement surface or above the groove bottom for grooved markings in thousandths of an inch  
25 (mils):  
26

Marking Material Application		HMA	PCC	BST	Groove Depth
Paint-first coat	spray	10	10	10	
Paint- second coat	spray	15	15	15	
Type A - flat/transverse & symbols	extruded	125	125	125	
Type A - flat/long line & symbols	spray	90	90	120	
Type A - with profiles	extruded	90	90	120	
Type A - embossed	extruded	160	160	160	
Type A - embossed with profiles	extruded	160	160	160	
Type A – grooved/flat/long line	extruded	230	230	230	250

Type B - flat/transverse & symbols	heat fused	125	125	125	
Type C-2 - flat/transverse & symbols	adhesive	90	90	NA	
Type C-1 & 2 - flat/long line	adhesive	60	60	NA	
Type C-1 - grooved/flat/long line	adhesive	60	60	NA	100
Type D - flat/transverse & symbols	spray	120	120	120	
Type D - flat/transverse & symbols	extruded	120	120	120	
Type D - flat/long line	spray	90	90	120	
Type D - flat/long line	extruded	90	90	120	
Type D - profiled/long line	extruded	90	90	120	
Type D – grooved/flat/long line	extruded	230	230	230	250

1  
2  
3  
4  
5

Liquid pavement marking material yield per gallon depending on thickness shall not exceed the following:

Mils thickness	Feet of 4" line/gallon	Square feet/gallon
10	483	161
15	322	108
18	268	89
20	242	80
22	220	73
24	202	67
30	161	54
40	122	41
45	107	36
60	81	27
90	54	18
90 with profiles	30	10
120	40	13
120 with profiles	26	9
230	21	7

6  
7  
8  
9  
10

Solid pavement marking material (Type A) yield per 50-pound bag shall not exceed the following:

Mils thickness	Feet of 4" line/50# bag	Square feet/50# bag
30 - flat	358	120
45 - flat	240	80
60 - flat	179	60
90 - flat	120	40
90 - flat with profiles	67	23

120 - flat	90	30
120 - flat with profiles	58	20
125 - embossed	86	29
125 - embossed with profiles	58	20
230- flat grooved	47	15

All grooved lines shall be applied into a groove cut or ground into the pavement. For Type A or Type D material the groove shall be cut or ground with equipment to produce a smooth square groove 4-inches wide. For Type C-1 material the groove shall be cut with equipment to produce a smooth bottom square groove with a width in accordance with the material manufacturer's recommendation. After grinding, clean the groove by shot blasting or a method approved by Engineer. Immediately before placing the marking material clean the groove with high pressure air.

**8-22.3(3)A Glass beads**

This section is renumbered as follows:

**8-22.3(3)G Glass Beads**

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

For plastic pavement markings, glass bead type and application rate shall be as recommended by the marking material manufacturer.

**8-22.3(4) Tolerances for Lines**

This section is revised to read:

Allowable tolerances for lines are as follows:

Length of Line – The longitudinal accumulative error within a 40-foot length of broken line shall not exceed plus or minus 1-inch. The broken line segment shall not be less than 10 feet.

Width of Line – The width of the line shall not be less than the specified line width or greater than the specified line width plus ¼-inch

Lane Width – the lane width, which is defined as the lateral width from the edge of pavement to the center of the lane line or between the centers of successive lane lines, shall not vary from the widths shown in the Contract by more than plus or minus 4-inches.

Thickness – a thickness tolerance not exceeding plus 10-percent will be allowed for thickness or yield in paint and plastic material application.

Parallel Lines – the gap tolerance between parallel lines is plus or minus ½-inch.

**8-22.3(5) Plastic Installation Instructions**

This section's title is revised to read:

1           **8-22.3(5) Installation Instructions**

2  
3           The following new sentences are inserted to follow the first sentence:

4  
5           The instructions shall include equipment requirements, approved work methods and  
6           procedures, material application temperature range, air and pavement surface temperature  
7           requirements, weather limitations, precautions, and all other requirements for successful  
8           application and material performance. Do not use materials with incomplete or missing  
9           instructions.  
10

11           **SECTION 8-23, TEMPORARY PAVEMENT MARKINGS**  
12           **April 6, 2009**

13  
14           **8-23.3(2) Beading and Tolerances**

15           This section's content is deleted. This section's title is revised to read:

16  
17           **8-23.3(2) Marking Application**

18  
19           This section is supplemented with the following new sub-sections:

20  
21           **8-23.3(2)A Temporary Pavement Marking Paint**

22           Paint used for temporary pavement markings shall be applied in one application at a  
23           thickness of 15-mils or 108-square feet per gallon. Glass beads shall be in accordance  
24           with Section 8-22.3(3)G.  
25

26           **8-23.3(2)B Temporary Pavement Marking Tape**

27           Surface preparation and application of temporary pavement marking tape shall be in  
28           conformance with the manufacturer's recommendations.  
29

30           **8-23.3(2)C Temporary Raised Pavement Markers**

31           Surface preparation and application of temporary flexible raised pavement markers shall be  
32           in conformance with the manufacturer's recommendations. When temporary flexible raised  
33           pavement markers are used for bituminous surface treatment operations, the markers shall  
34           be installed with the protective cover in place. The cover shall be removed after spraying  
35           asphaltic material.  
36

37           Application of temporary raised pavement markers (other than temporary flexible raised  
38           pavement markers) shall conform to the requirements of Section 8-09.3.  
39

40           **8-23.3(2)D Tolerance for Lines**

41           Tolerance for lines shall conform to Section 8-22.3(4)  
42

43           **SECTION 9-02, BITUMINOUS MATERIALS**  
44           **April 6, 2009**

45           **9-02.1 Asphalt Material, General**

46           This section is supplemented with the following:  
47

48           The Asphalt Supplier of Performance Graded Asphalt Binder (PGAB) and Cationic  
49           Emulsified Asphalt shall have a Quality Control Plan (QCP) in accordance with WSDOT QC  
50           2 "Standard Practice for Asphalt Suppliers That Certify Performance Graded and Emulsified

1 Asphalts.” The Asphalt Supplier’s QCP shall be submitted and approved by the WSDOT  
2 State Materials Laboratory. Any change to the QCP will require a new QCP to be submitted.  
3 The Asphalt Supplier of PGAB and Cationic Emulsified Asphalt shall certify through the Bill  
4 of Lading that the PGAB or Cationic Emulsified Asphalt meets the Specification  
5 requirements of the Contract.  
6

#### 7 **9-02.1(4)A Quality Control Plan**

8 This section including title is revised to read:  
9

#### 10 **9-02.1(4)A Vacant** 11

### 12 **SECTION 9-03, AGGREGATES**

13 **April 6, 2009**

#### 14 **9-03.1(1) General Requirements**

15 The reference to ASTM C-1260 in the third, fifth, and sixth paragraphs is deleted.  
16

17 The following new paragraph is inserted after the sixth paragraph:  
18

19 The use of fly ash that does not meet the requirements of Table 2 of AASHTO M295 may  
20 be approved for use for aggregates with expansions greater than or equal to 0.21 percent.  
21 The Contractor shall submit test results according to ASTM C 1567 through the Project  
22 Engineer to the State Materials Laboratory that demonstrate that the proposed fly ash when  
23 used with the proposed aggregates and portland cement will control the potential  
24 expansion to 0.20 percent or less before the fly ash and aggregate sources may be used in  
25 concrete. The Contracting Agency may test the proposed ASR mitigation measure to verify  
26 its effectiveness. In the event of a dispute, the Contracting Agency’s results will prevail.  
27

#### 28 **9-03.8(7) HMA Tolerances and Adjustments**

29 The third sentence in the second paragraph under (1.), (Beginning with: The tolerance limits on  
30 sieves...) is deleted.  
31

#### 32 **9-03.17 Foundation Material Class A and Class B**

33 This section is revised to read:  
34

35 Foundation material Class A and Class B shall conform to the following gradations:  
36

Sieve Size	Percent Passing	
	Class A	Class B
2½" square	98-100	95-100
2" square	92-100	75-100
1½" square	72-87	30-60
¾" square	27-47	0-5
⅜" square	3-14	---
U.S. No. 4	0-5	---

37 All percentages are by mass.  
38

1 **SECTION 9-04, JOINT AND CRACK SEALING MATERIALS**

2 **December 1, 2008**

3 **9-04.1(2) Premolded Joint Filler for Expansion Joints**

4 This section is revised to read:

5  
6 Premolded joint filler for use in expansion (through) joints shall conform to either AASHTO  
7 M 213 Specifications for "Preformed Expansion Joint Fillers for Concrete Paving and  
8 Structural Construction" except the requirement for water absorption is deleted, or ASTM D  
9 7174 Specifications for "Preformed Closed-Cell Polyolefin Expansion Joint Fillers for  
10 Concrete Paving and Structural Construction."  
11

12 **9-04.2(1) Hot Poured Joint Sealants**

13 This section is revised to read:

14  
15 Hot poured joint sealants shall meet the requirements of AASHTO M 324 Type IV except  
16 that the Cone Penetration at 25°C shall be 130 max. Hot poured joint sealants shall be  
17 sampled in accordance with ASTM D 5167 and tested in accordance with ASTM D 5329.  
18 The Hot poured joint sealant shall have a minimum Cleveland Open Cup Flash Point of  
19 205°C in accordance with AASHTO T 48  
20

21 **SECTION 9-06, STRUCTURAL STEEL AND RELATED MATERIALS**

22 **April 6, 2009**

23 **9-06.5(3) High Strength Bolts**

24 Paragraphs one through four are revised to read as follows:

25  
26 High-strength bolts for structural steel joints shall conform to either AASHTO M 164 Type 1  
27 or 3, or AASHTO M 253 Type 1 or 3, as specified in the Plans or Special Provisions.  
28

29 Galvanized AASHTO M 164 Type 1 bolts with an ultimate tensile strength above 145 ksi  
30 shall be tested for embrittlement. Embrittlement testing shall be conducted after  
31 galvanization in accordance with ASTM F 606, Section 7. The Manufacturer's Certificate of  
32 Compliance for the lot provided shall show the ultimate tensile strength test results.  
33

34 Bolts conforming to AASHTO M 253 shall not be galvanized. AASHTO M 253 Type 1 bolts  
35 shall be painted with two coats of zinc rich paint, formula A-9-73, consisting of a minimum  
36 dry film thickness of 2 mils per coat, when specified in the Plans or Special Provisions.  
37

38 Bolts for unpainted and nongalvanized structures shall conform to either AASHTO M 164  
39 Type 3 or AASHTO M 253 Type 3, as specified in the Plans or Special Provisions.  
40

41 Nuts for high strength bolts shall meet the following requirements:

42		
43	AASHTO M 164 Bolts	
44	Black Type 1	AASHTO M 291 Grade C, C3, DH and DH3
45		AASHTO M 292 Grade 2H
46	Black weathering Type 3	AASHTO M 291 Grade C3 and DH3
47	Galvanized Type 1	AASHTO M 291 Grade DH
48		AASHTO M 292 Grade 2H
49		

50 AASHTO M 253 Bolts

1	Black Type 1	AASHTO M 291 Grade DH, DH3
2		AASHTO M 292 Grade 2H
3	Black weathering Type 3	AASHTO M 291 Grade DH3
4		

5 **9-06.13 Copper Seals**

6 This section including title is revised to read:

7

8 **9-06.13 Vacant**

9

10 **9-06.16 Roadside Sign Structures**

11 This section is revised to read:

12

13 All bolts, nuts, washers, cap screws, and coupling bolts shall conform to AASHTO M 164  
14 and Section 9-06.5(3). All connecting hardware shall be galvanized after fabrication in  
15 accordance with AASHTO M 232.

16

17 Posts for single post sign structures shall meet the requirements of ASTM A 500 Grade B or  
18 ASTM A 53 Grade B, Type E or S.

19

20 Posts for perforated square steel posts shall meet the requirements of ASTM A 653 Grade  
21 50. Perforated square steel posts shall be finished in accordance ASTM A 653 G90  
22 Structural Quality Grade 50 or ASTM A 653 G140.

23

24 Slip bases (SB1, SB2, and SB3) for perforated square steel posts shall conform to the  
25 following:

26

27	Plates	ASTM A 572
28	Casting (SB3)	ASTM A 536 Grade 65-45-12 and ASTM A 153
29	Tubing	ASTM A 500 Grade B
30	Angle Iron (SB1)	ASTM A 36

31

32 Except as noted otherwise, the slip bases (SB1, SB2, and SB3) for perforated square steel  
33 posts shall be hot dipped galvanized.

34

35 The heavy duty anchor used for perforated square steel posts (ST-4) shall meet the  
36 requirements of ASTM A 500 Grade B and shall be hot dipped galvanized.

37

38 Wide flange steel or solid square steel posts for multiple post sign structures shall conform  
39 to either ASTM A 36 or ASTM A 992. Posts conforming to either ASTM A 588 or ASTM A  
40 572 Grade 50 may be used as an acceptable alternate to the ASTM A 36 and ASTM A 992  
41 posts. All steel not otherwise specified shall conform to either ASTM A 36 or ASTM A 992.

42

43 Except as noted otherwise all steel, including posts, base plates, and base stiffeners, shall  
44 be galvanized after fabrication in accordance with AASHTO M111.

45

46 Base connectors for multiple directional steel breakaway posts shall conform to the  
47 following:

48

49	Brackets	Aluminum Alloy 6061 T-6
50	Bosses for Type TPB Brackets	ASTM A 582
51	Anchor Ferrules	Type 304 stainless steel for threaded portion.

1 AISI 1045 steel rod and AISI 1008 coil for  
2 cage portion.  
3

4 Anchor couplings for multiple directional steel breakaway posts shall conform to AMS  
5 6378D with a tensile breaking strength range as follows:  
6

7 Type TPA	17,000 to 21,000 lb.
8 Type TPB	47,000 to 57,000 lb.

9  
10 For multi-directional breakaway base connectors, shims shall conform to ASTM A 653, SS  
11 Grade 33, Coating Designation G 165.  
12

## 13 **SECTION 9-07, REINFORCING STEEL**

14 **April 6, 2009**

### 15 **9-07.3 Epoxy Coated Steel Reinforcing Bars**

16 The reference to ASTM A 06 in number 1. of the first paragraph is revised to ASTM A 706.  
17

### 18 **9-07.10 Prestressing Reinforcement Strand**

19 The first sentence in the fourth paragraph is revised to read:  
20

21 For every 5 reels furnished, one sample, not less than 5½-feet long, shall be sent to the  
22 Engineer for testing.  
23

### 24 **9-07.11 Prestressing Reinforcement Bar**

25 The fifth and sixth paragraphs are revised to read:  
26

27 The Contractor shall supply a Manufacturer's Certificate of Compliance in accordance with  
28 Section 1-06.3 for each bar. The Contractor shall supply a Manufacturer's Certificate of  
29 Compliance in accordance with Section 1-06.3 for all nuts and couplers confirming  
30 compliance with the specified strength requirement.  
31

32 For each heat of steel for high-strength steel bar, the Contractor shall submit two samples,  
33 each not less than 5½ -feet long, to the Engineer for testing.  
34

## 35 **SECTION 9-08, PAINTS**

36 **April 6, 2009**

### 37 **9-08.2 Paint Formulas – General**

38 The following new sub-sections are inserted after this section.  
39

#### 40 **9-08.2(1) Pigmented Sealer Materials for Coating of Concrete Surfaces**

41 The pigmented sealer shall be a semi-opaque colored toner containing only methyl  
42 methacrylate-ethyl acrylate copolymer resins, toning pigments suspended in solution at all  
43 times by a chemical suspension agent, and solvent. Toning pigments shall be laminar  
44 silicates, titanium dioxide and inorganic oxides only. There shall be no settling or color  
45 variation. Use of vegetable or marine oils, paraffin materials, stearates or organic pigments  
46 in any part of coating formulation will not be permitted. The Contractor shall submit a one-  
47 quart wet sample, a draw down color sample and spectrophotometer or colorimeter  
48 readings, taken in accordance with ASTM D 2244, for each batch. The calculated Delta E

1 shall not exceed 1.0 deviation from the Commission Internationale de l'Eclairage color  
2 measurement analysis method (CIELAB) for each pigmented sealer color.

3  
4 For the respective color, pigmented sealer shall conform to the following CIELAB analysis:

Color	III/Obs	L*	a*	b*
Washington Gray	D65/10, degrees	62.59	0.98	5.23
	A/10, degrees	63.06	1.80	5.70
	CWF/10, degrees	63.02	0.73	6.08
Cascade Green	D65/10, degrees	36.62	-0.53	-0.89
	A/10, degrees	35.82	-7.15	-2.53
	CWF/10, degrees	36.34	-5.09	-1.18
Mt. Baker Gray	D65/10, degrees	45.94	1.38	4.46
	A/10, degrees	46.40	1.70	5.05
	CWF/10, degrees	46.46	1.07	5.48
Mt. St. Helens Gray	D65/10, degrees	56.07	2.15	6.68
	A/10, degrees	56.76	3.08	7.52
	CWF/10, degrees	56.67	1.64	7.85

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22  
23 The one-quart wet sample shall be submitted in the manufacturer's labeled container with  
24 product number, batch number and size of batch. The companion draw down color sample  
25 shall be labeled with the product number, batch number and size of batch. The Contractor  
26 shall submit the specified samples and readings to the Engineer at least 14 calendar days  
27 prior to the scheduled application of the sealer. The Contractor shall not begin applying  
28 pigmented sealer until receiving the Engineer's approval of the pigmented sealer color  
29 samples.

### 30 31 **9-08.2(2) Powder Coating Materials for Coating Galvanized Surfaces**

32 The powder coating system shall consist of two components, an epoxy primer coat and a  
33 polyester finish coat. The epoxy primer coat and the polyester finish coat materials shall be  
34 from the same manufacturer.

35  
36 The epoxy primer coat shall be an epoxy powder primer conforming to the following  
37 requirements:

Property	Specification	Performance Requirement
Adhesion	ASTM D 3359 Method B	5B (no failure)
Flexibility	ASTM D 522 Method B	Pass 1/8" mandrel bend
Pencil Hardness	ASTM D 3363	H Plus
Specific Gravity	ASTM D 792	1.25 minimum

38  
39  
40  
41  
42  
43  
44  
45 The polyester finish coat shall conform to American Architectural Manufacturers Association  
46 (AAMA) Specification 2604.

47  
48 Degassing additives may be added as necessary to prevent pin holes in the finish coat.  
49 The degassing additives shall be added in accordance with manufacturer's  
50 recommendations.

1 The color of the powder coating system polyester finish coat shall be as specified in the  
2 Plans or Special Provisions.

3  
4 Repair materials shall be selected from one of the approved products listed in the current  
5 Qualified Products List and specified in the Contractor's powder coating plan as approved  
6 by the Engineer.  
7

## 8 **SECTION 9-09, TIMBER AND LUMBER** 9 **January 7, 2008**

### 10 **9-09.1 General Requirements**

11 This section is revised to read:

12  
13 All timber and lumber shall be sized as indicated in the Plans.

14  
15 All timber and lumber to be painted shall be surfaced on all sides. All timber and lumber to  
16 be painted shall be thoroughly air or kiln dried to an equilibrium moisture content and shall  
17 be stored in such a manner as to remain in a thoroughly dry condition until placed into the  
18 work.

### 19 20 **9-09.2 Grade Requirements**

21 This section is revised to read:

22  
23 Timber and lumber shall conform to the grades and usage listed below.

24  
25 Timber and lumber shall be marked with a certified lumber grade stamp provided by one of  
26 the following agencies:

27  
28 West Coast Lumber Inspection Bureau (WCLIB)

29 Western Wood Products Association (WWPA)

30 Pacific Lumber Inspection Bureau (PLIB)

31 Any lumber grading bureau certified by the American Lumber Standards Committee  
32

33 For structures, all material delivered to the project shall bear a grade stamp and have a  
34 grading certificate. The grade stamp and grading certificate will not constitute final  
35 acceptance of the material. The Engineer may reject any or all of the timber or lumber that  
36 does not comply with the specifications or has been damaged during shipping or upon  
37 delivery. The grading certificate shall be issued by either the grading bureau whose stamp  
38 is shown on the material, or by the lumber mill, which shall be under the supervision of one  
39 of the grading bureaus listed above. The certificate shall include the following:

40  
41 Name of the mill performing the grading

42 The grading rules being used

43 Name of the person doing the grading with current certification

44 Signature of a responsible mill official

45 Date the lumber was graded at the mill

46 Grade, dimensions, and quantity of the timber or lumber  
47

48 For Guardrail Posts and Blocks, Sign Posts, Mileposts, Sawed Fence Posts, and Mailbox  
49 Posts, the material delivered to the project shall either bear a grade stamp on each piece or  
50 have a grading certificate as defined above. The grade stamp or grading certificate shall not  
51 constitute final acceptance of the material. The Engineer may reject any or all of the timber

1 or lumber that does not comply with the specifications or has been damaged during  
2 shipping or upon delivery.

3  
4 **9-09.2(1) Surfacing and Seasoning**

5 This section including title is revised to read:

6  
7 **9-09.2(1) Structures**

8 All timber and lumber for structures shall be Douglas Fir-Larch unless specified otherwise in  
9 the contract, and shall conform to the following:

Materials 2" to 4" nominal thick, 5" nominal and wider (Structural Joists and Planks)	No. 1 and better, grade (Section 123-b of WCLIB) or (Section 62.11 of WWPA)
Materials 5" nominal and thicker (Beams and Stringers)	No. 1 and better, grade (Section 130-b of WCLIB) or (Section 70.11 of WWPA)

11  
12 Timber lagging for soldier pile walls shall be Douglas Fir-Larch, grade No. 2 or better or  
13 Hem-Fir No. 1.

14  
15 When the material is delivered to the project, the Engineer will check the order for the  
16 appropriate grade stamp. The invoice and grading certificate accompanying the order must  
17 be accurate and complete with the information listed above. The grading certificate and  
18 grade markings shall not constitute final acceptance of the material. The Engineer may  
19 reject any or all of the timber or lumber that does not comply with the specifications or has  
20 been damaged during shipping or upon delivery.

21  
22 **9-09.2(2) Vacant**

23 This section including title is revised to read:

24  
25 **9-09.2(2) Guardrail Posts and Blocks**

26 Timber and lumber for guardrail posts and blocks (classified as Posts and Timbers) shall  
27 conform to the species and grades listed below.

Douglas Fir	No. 1 and better, grade (Section 131-b WCLIB) or (Section 80.11 WWPA)
Hem Fir	Select Structural, grade (Section 131-a WCLIB) or (Section 80.10 WWPA)
Southern Yellow Pine	No. 1 and better, grade (Southern Pine Inspection Bureau)

28  
29  
30 When the material is delivered to the project, the Engineer will check the order for the  
31 appropriate grade stamp. The grade markings shall not constitute final acceptance of the  
32 material. The Engineer may reject any or all of the timber or lumber that does not comply  
33 with the specifications or has been damaged during shipping or upon delivery.

34  
35 **9-09.2(3) Inspection**

36 This section including title is revised to read:

1 **9-09.2(3) Sign Posts, Mileposts, Sawn Fence Posts, and Mailbox Posts**

2 The allowable species of timber and lumber for signposts, and mileposts shall be Douglas  
3 Fir-Larch or Hem Fir. Timber and lumber for sawed fence posts and mailbox posts shall be  
4 Western Red Cedar, Douglas Fir-Larch, or Hem Fir.

5  
6 Sign posts, mileposts, sawed fence posts, and mailbox posts shall conform to the grades  
7 shown below.  
8

4" x 4"	Construction grade (Light Framing, Section 122-b WCLIB) or (Section 40.11 WWPA)
4" x 6"	No. 1 and better, grade (Structural Joists and Planks, Section 123-b WCLIB) or (Section 62.11 WWPA)
6" x 6", 6" x 8", 8" x 10"	No. 1 and better, grade (Posts and Timbers, Section 131-b WCLIB) or (Section 80.11 WWPA)
6" x 10", 6" x 12"	No. 1 and better, grade (Beams and Stringers, Section 130-b WCLIB) or (Section 70.11 WWPA)

9  
10  
11 **SECTION 9-16, FENCE AND GUARDRAIL**

12 **December 1, 2008**

13 **9-16.1(1)A Post Material for Chain Link Fence**

14 The first paragraph is supplemented with the following:

- 15
- 16 • **Round Post Material**  
17 Round post material shall be Grade 1 or 2.
- 18
- 19 • **Roll Form Material**  
20 Roll-formed post material shall be Grade 1.  
21 Roll-formed end, corner, and pull posts shall have integral fastening loops to connect  
22 to the fabric for the full length of each post. Top rails and brace rails shall be open  
23 rectangular sections with internal flanges as shown in ASTM F1043.  
24

25 The **Round Post Material** and **Roll Form Material** information following the third paragraph is  
26 deleted.  
27

28 **9-16.1(1)B Chain Link Fence Fabric**

29 The first paragraph is revised to read:

30  
31 Chain link fabric shall consist of 11 gage wire for chain link fence Types 3, 4, and 6, and 9  
32 gage wire for chain link fence Type 1. The fabric shall be zinc-coated steel wire conforming  
33 to AASHTO M 181, Class C. Zinc 5-percent Aluminum-Mischmetal alloy meeting the  
34 requirements of ASTM B 750 may be substituted for zinc coating (hot-dipped) at the  
35 application rate specified by ASSHTO M 181 for hot-dip zinc coating. Coating for chain link  
36 fence fabric shall meet the requirements of ASTM A 817 with minimum weight of coating of  
37 uncoated wire surface 1.0 oz/sq ft (305 g/m2).  
38

39 **9-16.1(1)C Tension Wire**

40 This section including title is revised to read:

1  
2 **9-16.1(1)C Tension Wire and Tension Cable**

3 Tension wire shall meet the requirements of AASHTO M 181. Tension wire galvanizing  
4 shall be Class 1.

5  
6 Tension cable shall meet the requirements of Section 9-16.6(5).  
7

8 **9-16.1(1)D Fittings and Hardware**

9 This section is supplemented with the following:

10  
11 Fabric bands and stretcher bars shall meet the requirements of Section 9-16.6(9).  
12

13 Thimbles, wire rope clips, anchor shackles, and seizing shall meet the requirements of  
14 Section 9-16.6(6).  
15

16 **9-16.1(1)E Chain Link Gates**

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

18  
19 Gate frames shall be constructed of not less than 1 1/2-inch (I.D.) galvanized pipe  
20 conforming to AASHTO M 181 Type I, Grade 1 or 2 as specified in Section 9-16.1(1)A.  
21

22 The fourth sentence in the first paragraph is revised to read:

23  
24 All welds shall be ground smooth and painted with an A-9-73 galvanizing repair paint or A-  
25 11-99 primer meeting the requirements of Section 9-08.2.  
26

27 **9-16.2(1)A Steel Post Material**

28 The paragraph under **Angle Post Material** is revised to read:

29  
30 All angle post material shall be galvanized in accordance with the requirements of  
31 AASHTO M 111 except the anchor plate on fence post material shall be grade 55.  
32 Angle post used for end, corner, gate and pull post and brace shall have a minimum  
33 weight of 3.1 lb/ft.  
34

35 The first sentence in the third paragraph is revised to read:

36  
37 Posts shall not be less than 7-feet in length.  
38

39 The last sentence in the third paragraph is revised to read:

40  
41 The anchor plate shall be securely attached and have a surface area of  $20 \pm 2$  in<sup>2</sup>, and a  
42 minimum weight of 0.67 pounds.  
43

44 **9-16.3(2) Posts and Blocks**

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

46  
47 Timber posts and blocks shall conform to the grade specified in Section 9-09.2(2).  
48

49 **9-16.3(3) Galvanizing**

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

51  
52 W-beam or thrie beam rail elements and terminal sections shall be galvanized in  
53 accordance with AASHTO M-180, Class A, Type 2, except that the rail shall be galvanized

1 after fabrication, with fabrication to include forming, cutting, shearing, punching, drilling,  
2 bending, welding, and riveting.  
3

#### 4 **9-16.3(4) Hardware**

5 This section is revised to read:

6  
7 Unfinished Bolts (ordinary machine bolts), nuts, and washers for High Unfinished Bolts,  
8 shall conform to 9-06.5(1). High Strength bolts, nuts, and washers for High Strength Bolts  
9 shall conform to 9-06.5(3).

10  
11 Unfinished bolts will be accepted by field verification and documentation that bolt heads are  
12 stamped 307A. The Contractor shall submit a manufacturer's certificate of compliance per  
13 1-06.3 for high strength bolts, nuts, and washers prior to installing any of the hardware.  
14

#### 15 **9-16.3(5) Anchors**

16 The reference to "hot dip galvanized" in the tenth paragraph is revised to "galvanized".  
17

#### 18 **9-16.4(2) Wire Mesh**

19 The reference to "hot dip galvanized" in the second sentence in the third paragraph is revised to  
20 "galvanized".  
21

#### 22 **9-16.6(2) Glare Screen Fabric**

23 The reference to "A 491" in the second sentence in the first paragraph is revised to "ASTM A  
24 491".  
25

#### 26 **9-16.6(3) Posts**

27 The first paragraph is revised to read:  
28

29 Line posts for Type 1 glare screen shall be 1 1/2-inches by 1 7/8-inches galvanized steel H  
30 column with a minimum weight of 2.8 pounds per linear foot. Line posts for Type 2 glare  
31 screen shall be 1 5/8-inches by 2 1/4-inches galvanized steel H column with a minimum  
32 weight of 4.0 pounds per linear foot, or 2-inch inside diameter galvanized steel pipe with a  
33 nominal weight of 3.65 pounds per linear foot provided only one type shall be used on any  
34 one project.  
35

36 The first paragraph is supplemented with the following:  
37

38 End, corner, brace, and pull posts for Type 1 Design A shall be 1 1/2-inches by 1 7/8-inches  
39 steel H column with a minimum weight of 2.8 pounds per linear foot.  
40

41 The first sentence in the second paragraph is revised to read:  
42

43 End, corner, brace, and pull posts for Type 1 Design B and Type 2 shall be 2-inch inside  
44 diameter galvanized steel pipe with nominal weight of 3.65 pounds per linear foot.  
45

46 The reference to "hot dip galvanized" in the third sentence in the second paragraph is revised to  
47 "galvanized".  
48

49 The first two sentences in the fifth paragraph are revised to read:  
50

1 All posts shall be galvanized in accordance with AASHTO M 181, Section 32. The  
2 minimum average zinc coating is per square foot of surface area.  
3

#### 4 **9-16.6(5) Cable**

5 The reference to “hot dip galvanized” is revised to “galvanized”.  
6

#### 7 **9-16.6(6) Cable and Tension Wire Attachments**

8 The reference to “hot dip galvanized” in the first sentence in the first paragraph is revised to  
9 “galvanized”.  
10

11 The third sentence in the first paragraph is deleted.  
12

#### 13 **9-16.6(9) Fabric Bands and Stretcher Bars**

14 The reference to “hot dip galvanized” is revised to “galvanized”.  
15

#### 16 **9-16.6(10) Tie Wire**

17 This section including title is revised to read:  
18

##### 19 **9-16.6(10) Tie Wire and Hog Rings**

20 Tie wire shall be 9 gage aluminum wire complying with the ASTM B 211 for alloy 1100 H14  
21 or 9 gage galvanized wire meeting the requirements of AASHTO M 279. Galvanizing shall  
22 be Class 1.  
23

24 Hog rings shall be 12 gage galvanized steel wire.  
25

#### 26 **9-16.8(1) Rail and Hardware**

27 The word “**Composition**” following the first paragraph is deleted.  
28

### 29 **SECTION 9-19, PRESTRESSED CONCRETE GIRDERS**

30 **April 6, 2009**

#### 31 **9-19.1 Aggregates and Proportioning**

32 The first paragraph is revised to read:  
33

34 The concrete for prestressed girders shall have the minimum compressive strengths as  
35 specified in the Plans. Aggregates used in the mix shall conform to the following:  
36

37 Coarse aggregate shall be in accordance with Section 9-03.1(4).  
38

39 Fine aggregate shall be in accordance with Section 9-03.1(2), Class 1 or Class 2.  
40

41 The manufacturer may revise the grading of the coarse aggregate provided that the  
42 concrete mix design is qualified with the modified gradation. An alternative combined  
43 gradation conforming to Section 9-03.1(5) may also be used.  
44

45 The reference to Section 9-23.7 in the sixth paragraph is revised to Section 9-23.6.  
46

1 **SECTION 9-23, CONCRETE CURING MATERIALS AND ADMIXTURES**

2 **April 6, 2009**

3 **9-23.6 Admixture for Concrete**

4 This section including title is revised to read:

5  
6 **9-23.6 Chemical Admixtures for Concrete**

7 Acceptance of chemical admixtures will be based on Manufacturer's Certificate of  
8 Compliance. If required by the Engineer, admixtures shall be sampled and tested before  
9 they are used. A one-pint (500 milliliter) sample of the admixture shall be submitted to the  
10 WSDOT Headquarters Materials Laboratory for testing 10 days prior to use. Chemical  
11 Admixtures shall contain less than one percent chloride ion (Cl-) by weight of admixture.  
12

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

14  
15 **9-23.6(1) Air Entraining Admixtures**

16 Air Entraining Admixtures shall meet the requirements of AASHTO M 154 or ASTM C 260.  
17

18 **9-23.6(2) Type A Water-Reducing Admixtures**

19 Type A Water-Reducing admixtures shall conform to the requirements of AASHTO M 194  
20 Type A or ASTM C 494 Type A.  
21

22 **9-23.6(3) Type B Retarding Admixtures**

23 Type B Retarding admixtures shall conform to the requirements of AASHTO M 194 Type B  
24 or ASTM C 494 Type B.  
25

26 **9-23.6(4) Type C Accelerating Admixtures**

27 Type C Accelerating admixtures shall conform to the requirements of AASHTO M 194 Type  
28 C or ASTM C 494 Type C and only non-chloride accelerating admixtures shall be used.  
29

30 **9-23.6(5) Type D Water-Reducing and Retarding Admixtures**

31 Type D Water-Reducing and Retarding admixtures shall conform to the requirements of  
32 AASHTO M 194 Type D or ASTM C 494 Type D.  
33

34 **9-23.6(6) Type E Water-Reducing and Accelerating Admixtures**

35 Type E Water-Reducing and Accelerating admixtures shall conform to the requirements of  
36 AASHTO M 194 Type E or ASTM C 494 Type E and only non-chloride accelerating  
37 admixtures shall be used.  
38

39 **9-23.6(7) Type F Water-Reducing, High Range Admixtures**

40 Type F Water-Reducing, High Range admixtures shall conform to the requirements of  
41 AASHTO M 194 Type F or ASTM C 494 Type F.  
42

1 **9-23.6(8) Type G Water-Reducing, High Range and Retarding Admixtures**

2 Type G Water-Reducing, High Range and Retarding admixtures shall conform to the  
3 requirements of AASHTO M 194 Type G or ASTM C 494 Type G.  
4

5 **9-23.6(9) Type S Specific Performance Admixtures**

6 Type S Specific Performance Admixtures shall conform to the requirements of ASTM C 494  
7 Type S. When a Type S admixture is used a report on the performance characteristics of  
8 the Type S admixture shall be submitted along with the WSDOT concrete mix design  
9 (WSDOT Form 350-040). The report shall describe the performance characteristics and  
10 provide data substantiating the specific characteristics of the Type S admixture in  
11 accordance with ASTM C 494.  
12

13 **9-23.7 Air Entraining and Chemical Admixtures for Precast Prestressed Concrete**

14 This section including title is revised to read:  
15

16 **9-23.7 Vacant**  
17

18 **9-23.9 Fly Ash**

19 This section is supplemented with the following:  
20

21 Fly ash that exceeds the available alkalis limits set in AASHTO M 295 Table 2 may be  
22 used if they meet the tests requirements of Section 9-03.1(1). The optional chemical limits  
23 in AASHTO M 295 Table 2 do not apply to fly ash used in Controlled Density Fill.  
24

25 **SECTION 9-25, WATER**

26 **April 6, 2009**

27 **9-25.1 Water for Concrete**

28 The first paragraph is revised to read:  
29

30 Water for concrete, grout, and mortar shall be clear, apparently clean, and suitable for  
31 human consumption (potable). If the water contains substances that cause discoloration,  
32 unusual smell or taste, or other suspicious content, the Engineer may require the  
33 Contractor to provide test results documenting that the water meets the physical test  
34 requirements and chemical limits described in ASTM C1602 for non-potable water.  
35

36 **SECTION 9-28, SIGNING MATERIALS AND FABRICATION**

37 **April 6, 2009**

38 **9-28.8 Sheet Aluminum Signs**

39 The second paragraph (excluding chart) is revised to read:  
40

41 After the sheeting has been fabricated, the surface of each panel shall be protected from  
42 corrosion. The corrosion protection shall meet the requirements of ASTM B-449 class II  
43 Specification for Chromates on Aluminum. Aluminum signs over 12-feet wide by 5-feet high  
44 shall be comprised of vertical panels in increments of 2, 3, or 4-feet wide. No more than

1 one 2-foot and/or 3-foot panel may be used per sign. The Contractor shall use the widest  
2 panels possible. All parts necessary for assembly shall be constructed of aluminum,  
3 galvanized, or stainless steel in accordance with the plans. Sheet thickness shall be as  
4 follows:  
5

### 6 **9-28.9(1) Mechanical Properties**

7 The chart in this section is revised to read:  
8

9 <b>Mechanical Property</b>	<b>Ave. Min. Requirement</b>	<b>ASTM Test</b>
10 Tensile Strength	10.0 psi x 10 <sup>3</sup>	D638
11 Tensile Modulus	1.2 psi x 10 <sup>6</sup>	D638
12 Flexural Strength	20.0 psi x 10 <sup>3</sup>	D790
13 Flexural Modulus	1.2 psi x 10 <sup>6</sup>	D790
14 Compression Strength	32.0 psi x 10 <sup>3</sup>	D695
15 Compression Modulus	1.4 psi x 10 <sup>6</sup>	D695
16 Punch Shear	12.0 psi x 10 <sup>3</sup>	D732

17

### 18 **9-28.14(2) Steel Structures and Posts**

19 The first sentence in the fifth paragraph is supplemented with the following:  
20

21 Steel used for slip bases (SB-1, SB-2, SB-3) and heavy duty anchors shall have a  
22 controlled silicon maximum of 0.40-percent.  
23

## 24

## 25 **SECTION 9-34, PAVEMENT MARKING MATERIAL**

### 26 **April 6, 2009**

### 27 **9-34.2(4) Temporary Pavement Marking Paint**

28 This section is revised to read:  
29

30 Paint used for temporary pavement marking shall conform to the requirements of Section 9-  
31 34.2.  
32

### 33 **9-34.5 Temporary Pavement Marking Tape**

34 The third sentence is deleted.  
35

### 36 **9-34.6 Temporary Raised Pavement Markers**

37 The eighth and ninth sentences in the first paragraph are deleted.  
38

## 39 **SECTION 9-35, TEMPORARY TRAFFIC CONTROL MATERIALS**

### 40 **December 1, 2008**

### 41 **9-35.2 Construction Signs**

42 The fourth paragraph is revised to read:  
43

44 The use of plywood, fiberglass reinforced plastic, fabric rollup signs, and any other  
45 previously approved sign materials except aluminum or aluminum composite is prohibited.  
46

### 47 **9-35.14 Portable Temporary Traffic Control Signal**

48 The third sentence in the eighth paragraph is revised to read:

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19

A highly retroreflective yellow strip, 3-in wide, shall be placed around the perimeter of the face of all vehicle signal backplates to project a rectangular image at night towards oncoming traffic.

FOR INFORMATIONAL COPY ONLY

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 2008 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  
42 **DIVISION 1 GENERAL REQUIREMENTS**

43  
44 **DEFINITIONS AND TERMS**

45  
46 **1-01.3 Definitions**

47 This Section is supplemented with the following:

- 48
- 49 (\*\*\*\*\*)
- 50 The venue of all causes of action arising from the advertisement, award, execution, and
- 51 performance of the contract shall be in the Superior Court of Grant County, Washington.
- 52

1 All references to "State" or "State of Washington" are changed to "Grant County,  
2 Washington".

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

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

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

## 13 14 **DESCRIPTION OF WORK**

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

17 This contract provides for the realignment of an county road in Grant County, WA, and includes  
18 removal of structures and obstructions, rotomilling, roadway excavation, embankment  
19 compaction, crushed surfacing base course, maintenance rock, hot mix asphalt, curb and  
20 gutter, concrete sidewalk, paint lines, permanent signing, project temporary traffic control and  
21 other work all in accordance with the attached Contract Plans, these Contract Provisions and  
22 the Standard Specifications.

## 23 24 **BID PROCEDURES AND CONDITIONS**

### 25 26 **1-02.1 Prequalification of Bidders**

27 Delete this Section and replace it with the following:

#### 28 29 1-02.1 Qualifications of Bidder

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

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

33  
34 Before award of a public works contractor, a bidder must meet the following  
35 responsibility criteria to be considered a responsible bidder and qualified to be awarded  
36 a public works project. The bidder must:

37  
38 (a) At the time of bid submittal, have a certificate of registration in compliance with  
39 chapter 18.27 RCW;

40 (b) Have a current state unified business identifier number;

41 (c) If applicable, have industrial insurance coverage for the bidder's employees working  
42 in Washington as required in Title 51 RCW; an employment security department  
43 number as required in Title 50 RCW; and a state excise tax registration number as  
44 required in Title 82 RCW; and

45 (d) Not be disqualified from bidding on any public works contract under RCW 39.06.010  
46 or 39.12.065(3).

47 (e) Bidders shall be qualified by experience, financing, equipment, and organization to  
48 do the work called for in the Contract Documents. The Contracting Agency reserves  
49 the right to take whatever action it deems necessary to ascertain the ability of the  
50 bidder to perform the work satisfactorily. The Contracting Agency's actions may  
51 include a pre-qualification procedure prior to the bidder being furnished a proposal  
52 form on any contract, or a pre-award survey of the bidder's qualifications prior to  
53 award.

1  
2 **Public Opening Of Proposal**

3 Section 1-02.12 is supplemented with the following:  
4

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

6 *Date Of Opening Bids*

7 Sealed bids are to be received at the following location prior to the time specified:  
8

9 The Office of the Board of County Commissioners, Grant County Courthouse, Room  
10 207, 35 C St. NW, P.O. Box 37, Ephrata, WA 98823  
11

12 The

13 bid opening date for this project is **July 28, 2009**. Bids received will be publicly opened  
14 and read after **1:30 P.M.** on this date.  
15

16 **1-02.13 Irregular Proposals**

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

18  
19 Revise item 1 to read:  
20

- 21 1. A proposal will be considered irregular and will be rejected if:  
22 a. The bidder is not prequalified when so required;  
23 b. The authorized proposal form furnished by the Contracting Agency is not  
24 used or is altered;  
25 c. The completed proposal form contains any unauthorized additions,  
26 deletions, alternate bids, or conditions;  
27 d. The bidder adds provisions reserving the right to reject or accept the  
28 award, or enter into the contract;  
29 e. A price per unit cannot be determined from the bid proposal;  
30 f. The proposal form is not properly executed;  
31 g. The bidder fails to submit or properly complete a subcontractor list, if  
32 applicable, as required in Section 1 02.6.  
33 h. The bidder fails to submit or properly complete a Disadvantaged, Minority  
34 or Women's Business Enterprise Certification, if applicable, as required in  
35 Section 1-02.6; or  
36 i. The bid proposal does not constitute a definite and unqualified offer to  
37 meet the material terms of the bid invitation.  
38 j. More than one proposal is submitted for the same project from a Bidder  
39 under the same or different names.  
40

41 **1-02.14 Disqualification of Bidders**

42 (*March 25, 2009 APWA GSP, Option B*)  
43

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

46 A Bidder will be deemed not responsible if:

- 47 1. the Bidder does not meet the mandatory bidder responsibility criteria in  
48 RCW 39.04.350(1), as amended; or  
49 2. evidence of collusion exists with any other Bidder or potential Bidder.  
50 Participants in collusion will be restricted from submitting further bids; or  
51 3. the Bidder, in the opinion of the Contracting Agency, is not qualified for  
52 the work or to the full extent of the bid, or to the extent that the bid

- 1 exceeds the authorized prequalification amount as may have been
- 2 determined by a prequalification of the Bidder; or
- 3 4. an unsatisfactory performance record exists based on past or current
- 4 Contracting Agency work or for work done for others, as judged from the
- 5 standpoint of conduct of the work; workmanship; or progress; affirmative
- 6 action; equal employment opportunity practices; termination for cause; or
- 7 Disadvantaged Business Enterprise, Minority Business Enterprise, or
- 8 Women's Business Enterprise utilization; or
- 9 5. there is uncompleted work (Contracting Agency or otherwise), which in
- 10 the opinion of the Contracting Agency might hinder or prevent the prompt
- 11 completion of the work bid upon; or
- 12 6. the Bidder failed to settle bills for labor or materials on past or current
- 13 contracts, unless there are extenuating circumstances acceptable to the
- 14 Contracting Agency; or
- 15 7. the Bidder has failed to complete a written public contract or has been
- 16 convicted of a crime arising from a previous public contract, unless there
- 17 are extenuating circumstances acceptable to the Contracting Agency; or
- 18 8. the Bidder is unable, financially or otherwise, to perform the work, in the
- 19 opinion of the Contracting Agency; or
- 20 9. there are any other reasons deemed proper by the Contracting Agency.
- 21

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

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

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

## 50 **AWARD AND EXECUTION OF CONTRACT**

### 51 **Award of Contract**

52 Section 1-03.2 is supplemented with the following:  
53

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

3 The contract will be awarded on the basis of the total of all bid items (Contract Total).  
4 After the award, the Contracting Agency has the option of deleting all or part of work  
5 associated with the construction of \*\*\* Extra Fairgrounds Roads / County Fair Funds \*\*\*.  
6 This work is represented by the bid items found in the column(s) headed GROUP(S) \*\*\*  
7 4 \*\*\* on the Summary of Quantities, Plan Sheet #2 & #3. The deletion of this work will  
8 be documented by a change order. The change order will not be subject to protest or  
9 negotiation. The amount of the change order price reduction shall be the sum of the  
10 amounts bid for all items within the GROUP(S).

11  
12 Should the Contracting Agency exercise the option to delete the work in one or more of  
13 the GROUPS listed above and shown on the Summary of Quantities, then Section 1-  
14 04.6 will not apply to the items that are deleted.

15  
16  
17 **CONTROL OF WORK**

18  
19 **1-05.13 Superintendents, Labor and Equipment of Contractor**

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

21  
22 Revise the seventh paragraph to read:

23  
24 Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to  
25 Section 1-02.1, it will take these performance reports into account.

26  
27 **(March 13, 1995)**

28 **Cooperation With Other Contractors**

29 Section 1-05.14 is supplemented with the following:

30  
31 *Other Contracts Or Other Work*

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

- 35  
36 1. Utility relocations and/or normal maintenance work by telephone and  
37 power companies.  
38 2. Normal maintenance work by Grant County Road crews.  
39 3. Normal maintenance work by irrigation district crews.

40  
41 **CONTROL OF MATERIAL**

42  
43 **Buy America**

44 Section 1-06 is supplemented with the following:

45  
46 (August 6, 2007)

47 The major quantities of steel and iron construction material that is permanently  
48 incorporated into the project shall consist of American-made materials only. Buy  
49 America does not apply to temporary steel items, e.g., temporary sheet piling, temporary  
50 bridges, steel scaffolding and falsework.

1 The Contractor may utilize minor amounts of foreign steel and iron in this project  
2 provided the cost of the foreign material used does not exceed one-tenth of one percent  
3 of the total contract cost or \$2,500.00, whichever is greater.  
4

5 American-made material is defined as material having all manufacturing processes  
6 occurring domestically. To further define the coverage, a domestic product is a  
7 manufactured steel material that was produced in one of the 50 States, the District of  
8 Columbia, Puerto Rico, or in the territories and possessions of the United States.  
9

10 If domestically produced steel billets or iron ingots are exported outside of the area of  
11 coverage, as defined above, for any manufacturing process then the resulting product  
12 does not conform to the Buy America requirements. Additionally, products  
13 manufactured domestically from foreign source steel billets or iron ingots do not conform  
14 to the Buy America requirements because the initial melting and mixing of alloys to  
15 create the material occurred in a foreign country.  
16

17 Manufacturing begins with the initial melting and mixing, and continues through the  
18 coating stage. Any process which modifies the chemical content, the physical size or  
19 shape, or the final finish is considered a manufacturing process. The processes include  
20 rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action  
21 of applying a coating to steel or iron is deemed a manufacturing process. Coating  
22 includes epoxy coating, galvanizing, aluminizing, painting, and any other coating that  
23 protects or enhances the value of steel or iron. Any process from the original reduction  
24 from ore to the finished product constitutes a manufacturing process for iron.  
25

26 Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and  
27 alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced  
28 iron ore.  
29

30 The following are considered to be steel manufacturing processes:

- 31
- 32 1. Production of steel by any of the following processes:
    - 33 a. Open hearth furnace.
    - 34 b. Basic oxygen.
    - 35 c. Electric furnace.
    - 36 d. Direct reduction.
  - 37 2. Rolling, heat treating, and any other similar processing.
  - 38 3. Fabrication of the products.
    - 39 a. Spinning wire into cable or strand.
    - 40 b. Corrugating and rolling into culverts.
    - 41 c. Shop fabrication.
- 42  
43  
44  
45  
46  
47  
48  
49  
50  
51

52 A certification of materials origin will be required for any items comprised of, or  
53 containing, steel or iron construction materials prior to such items being incorporated into  
54 the permanent work. The certification shall be on DOT Form 350-109EF provided by the

1 Engineer, or such other form the Contractor chooses, provided it contains the same  
2 information as DOT Form 350-109EF.

## 3 4 **LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

### 5 6 **Laws To Be Observed**

7 Section 1-07.1 is supplemented with the following:

8  
9 **(March 25, 2009)**

#### 10 **American Recovery and Reinvestment Act of 2009 (ARRA) Employment Report**

11 The Contractor shall submit monthly reports of the number of employees actively  
12 working on this project for the Contractor and all Subcontractors of every tier. The  
13 reports shall include all employees actively working on this project at the jobsite, in the  
14 project office, in the home office, or teleworking from a home or other alternative office  
15 location; and all engineering personnel, inspectors, sampling and testing technicians,  
16 and lab technicians actively performing work directly in support of this project (excluding  
17 suppliers) during the reporting month.

18  
19 The report shall be prepared using Form FHWA-1589 and submitted monthly to the  
20 Project Engineer. The initial report shall be submitted to the Project Engineer within 30-  
21 days of execution. Subsequent reports shall be submitted to the Project Engineer no  
22 later than 10 days after the end of each respective reporting period.

23  
24 Failure by the Contractor to submit ARRA Employment Reports for the Contractor and  
25 all Subcontractors of every tier shall be reason for withholding all progress payments  
26 until reports are received. The cost of preparing and submitting ARRA Employment  
27 Reports is incidental to the Contract. The Contractor shall include all related costs in the  
28 unit Bid prices of the Contract.

### 29 30 **State Taxes**

31 Section 1-07.2 is supplemented with the following:

32  
33 **(March 13, 1995)**

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

### 36 37 **Permits and Licenses**

38 Section 1-07.6 is supplemented with the following:

39  
40 **(March 13, 1995)**

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

### 44 45 **Load Limits**

46 Section 1-07.7 is supplemented with the following:

47  
48 **(March 13, 1995)**

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

1  
2 **Wages**

3  
4 **General**

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

6  
7 (February 11, 2008)

8 The Federal wage rates incorporated in this contract have been established by the  
9 Secretary of Labor under United States Department of Labor General Decision No.  
10 WA080001.

11  
12 **Requirements for Nondiscrimination**

13 Section 1-07.11 is supplemented with the following:

14  
15 (March 6, 2000)

16 Requirement For Affirmative Action to Ensure Equal Employment Opportunity (Executive  
17 Order 11246)

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

27  
28 Women - Statewide

29  
30 

<u>Timetable</u>	<u>Goal</u>
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31  
32 

Until further notice	6.9%
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33 Minorities - by Standard Metropolitan Statistical Area (SMSA)

34  
35 Spokane, WA:

36 SMSA Counties:

37 Spokane, WA 2.8

38 WA Spokane.

39 Non-SMSA Counties 3.0

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

43  
44 Richland, WA

45 SMSA Counties:

46 Richland Kennewick, WA 5.4

47 WA Benton; WA Franklin.

48 Non-SMSA Counties 3.6

49 WA Walla Walla.

50  
51 Yakima, WA:

52 SMSA Counties:

53 Yakima, WA 9.7

54 WA Yakima.

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

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

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

3. The Contractor shall provide written notification to the Engineer within 10 working days of award of any construction subcontract in excess of \$10,000 or more that are Federally funded, at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed.
4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is as designated herein.

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

- 3
- 4 1. As used in these specifications:
- 5
- 6 a. Covered Area means the geographical area described in the solicitation
- 7 from which this contract resulted;
- 8
- 9 b. Director means Director, Office of Federal Contract Compliance
- 10 Programs, United States Department of Labor, or any person to whom
- 11 the Director delegates authority;
- 12
- 13 c. Employer Identification Number means the Federal Social Security
- 14 number used on the Employer's Quarterly Federal Tax Return, U. S.
- 15 Treasury Department Form 941;
- 16
- 17 d. Minority includes:
- 18
- 19 (1) Black, a person having origins in any of the Black Racial
- 20 Groups of Africa.
- 21
- 22 (2) Hispanic, a fluent Spanish speaking, Spanish surnamed
- 23 person of Mexican, Puerto Rican, Cuban, Central
- 24 American, South American, or other Spanish origin.
- 25
- 26 (3) Asian or Pacific Islander, a person having origins in any
- 27 of the original peoples of the Pacific rim or the Pacific
- 28 Islands, the Hawaiian Islands and Samoa.
- 29
- 30 (4) American Indian or Alaskan Native, a person having
- 31 origins in any of the original peoples of North America, and
- 32 who maintain cultural identification through tribal affiliation
- 33 or community recognition.
- 34
- 35 2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a
- 36 portion of the work involving any construction trade, it shall physically include in
- 37 each subcontract in excess of \$10,000 the provisions of these specifications and
- 38 the Notice which contains the applicable goals for minority and female
- 39 participation and which is set forth in the solicitations from which this contract
- 40 resulted.
- 41
- 42 3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan
- 43 approved by the U.S. Department of Labor in the covered area either individually
- 44 or through an association, its affirmative action obligations on all work in the Plan
- 45 area (including goals and timetables) shall be in accordance with that Plan for
- 46 those trades which have unions participating in the Plan. Contractors must be
- 47 able to demonstrate their participation in and compliance with the provisions of
- 48 any such Hometown Plan. Each Contractor or Subcontractor participating in an
- 49 approved Plan is individually required to comply with its obligations under the
- 50 EEO clause, and to make a good faith effort to achieve each goal under the Plan
- 51 in each trade in which it has employees. The overall good faith performance by
- 52 other Contractors or Subcontractors toward a goal in an approved Plan does not
- 53 excuse any covered Contractor's or Subcontractor's failure to take good faith
- 54 effort to achieve the Plan goals and timetables.

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4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
  5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
  6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
  7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its action. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
    - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
    - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
    - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not

1 referred back to the Contractor by the union or, if referred, not employed  
2 by the Contractor, this shall be documented in the file with the reason  
3 therefor, along with whatever additional actions the Contractor may have  
4 taken.

- 5  
6 d. Provide immediate written notification to the Director when the union or  
7 unions with which the Contractor has a collective bargaining agreement  
8 has not referred to the Contractor a minority person or woman sent by the  
9 Contractor, or when the Contractor has other information that the union  
10 referral process has impeded the Contractor's efforts to meet its  
11 obligations.  
12
- 13 e. Develop on-the-job training opportunity and/or participate in training  
14 programs for the area which expressly include minorities and women,  
15 including upgrading programs and apprenticeship and trainee programs  
16 relevant to the Contractor's employment needs, especially those  
17 programs funded or approved by the U.S. Department of Labor. The  
18 Contractor shall provide notice of these programs to the sources compiled  
19 under 7b above.  
20
- 21 f. Disseminate the Contractor's EEO policy by providing notice of the policy  
22 to unions and training programs and requesting their cooperation in  
23 assisting the Contractor in meeting its EEO obligations; by including it in  
24 any policy manual and collective bargaining agreement; by publicizing it  
25 in the company newspaper, annual report, etc.; by specific review of the  
26 policy with all management personnel and with all minority and female  
27 employees at least once a year; and by posting the company EEO policy  
28 on bulletin boards accessible to all employees at each location where  
29 construction work is performed.  
30
- 31 g. Review, at least annually, the company's EEO policy and affirmative  
32 action obligations under these specifications with all employees having  
33 any responsibility for hiring, assignment, layoff, termination or other  
34 employment decisions including specific review of these items with on-  
35 site supervisory personnel such as Superintendents, General Foremen,  
36 etc., prior to the initiation of construction work at any job site. A written  
37 record shall be made and maintained identifying the time and place of  
38 these meetings, persons attending, subject matter discussed, and  
39 disposition of the subject matter.  
40
- 41 h. Disseminate the Contractor's EEO policy externally by including it in any  
42 advertising in the news media, specifically including minority and female  
43 news media, and providing written notification to and discussing the  
44 Contractor's EEO policy with other Contractors and Subcontractors with  
45 whom the Contractor does or anticipates doing business.  
46
- 47 i. Direct its recruitment efforts, both oral and written to minority, female and  
48 community organizations, to schools with minority and female students  
49 and to minority and female recruitment and training organizations serving  
50 the Contractor's recruitment area and employment needs. Not later than  
51 one month prior to the date for the acceptance of applications for  
52 apprenticeship or other training by any recruitment source, the Contractor  
53 shall send written notification to organizations such as the above,

1 describing the openings, screening procedures, and tests to be used in  
2 the selection process.

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

36 8. Contractors are encouraged to participate in voluntary associations which assist  
37 in fulfilling one or more of their affirmative action obligations (7a through 7p). The  
38 efforts of a contractor association, joint contractor-union, contractor-community,  
39 or other similar group of which the Contractor is a member and participant, may  
40 be asserted as fulfilling any one or more of the obligations under 7a through 7p of  
41 this Special Provision provided that the Contractor actively participates in the  
42 group, makes every effort to assure that the group has a positive impact on the  
43 employment of minorities and women in the industry, ensure that the concrete  
44 benefits of the program are reflected in the Contractor's minority and female  
45 work-force participation, makes a good faith effort to meet its individual goals and  
46 timetables, and can provide access to documentation which demonstrate the  
47 effectiveness of actions taken on behalf of the Contractor. The obligation to  
48 comply, however, is the Contractor's and failure of such a group to fulfill an  
49 obligation shall not be a defense for the Contractor's noncompliance.  
50

51 9. A single goal for minorities and a separate single goal for women have been  
52 established. The Contractor, however, is required to provide equal employment  
53 opportunity and to take affirmative action for all minority groups, both male and  
54 female, and all women, both minority and non-minority. Consequently, the

1 Contractor may be in violation of the Executive Order if a particular group is  
2 employed in substantially disparate manner (for example, even though the  
3 Contractor has achieved its goals for women generally, the Contractor may be in  
4 violation of the Executive Order if a specific minority group of women is  
5 underutilized).

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

49 **(September 17, 2007)**

50 **Disadvantaged Business Enterprise Participation**

51 The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR part 26 apply to  
52 this contract. The requirements of this contract are to encourage DBE participation,  
53 supply a bidder's list, and to report race neutral accomplishments quarterly as described  
54 in this special provision. No preference will be included in the evaluation of

1 bids/proposals, no minimum level of DBE participation shall be required as a condition  
2 for receiving an award and bids/proposals will not be rejected or considered non-  
3 responsive on that basis.  
4

#### 5 **DBE Goals**

6 No DBE goals have been assigned as a part of this contract.  
7

#### 8 **Affirmative Efforts to Solicit DBE Participation**

9 DBE firms shall have equal opportunity to compete for and perform subcontracts which  
10 the Contractor enters into pursuant to this contract. Contractors are encouraged to:  
11

- 12 1. Advertise opportunities for Subcontractors or suppliers in a manner  
13 reasonably designed to provide DBEs capable of performing the work  
14 with timely notice of such opportunities. All advertisements should include  
15 a provision encouraging participation by DBE firms and may be done  
16 through general advertisements (e.g. newspapers, journals, etc.) or by  
17 soliciting bids/proposals directly from DBEs.  
18
- 19 2. Utilize the services of available minority community-based organizations,  
20 minority contractor groups, local minority assistance offices and  
21 organizations that provide assistance in the recruitment and placement of  
22 DBEs and other small businesses.  
23

24 In addition, the Office of Minority and Women's Business Enterprises has  
25 two DBE Supportive Services Offices available to assist you as follows:  
26

27 Seattle: (206) 553-7356

28 Tacoma: (253) 680-7393  
29

- 30 3. Establish delivery schedules, where requirements of the contract allow,  
31 that encourage participation by DBEs and other small businesses.  
32
- 33 4. Achieve attainment through joint ventures.  
34

35 In the absence of a mandatory goal, all DBE participation that is attained on this  
36 project will be considered as "race neutral" participation and will be reported as such.  
37

#### 38 **DBE Eligibility (for reporting purposes only)**

##### 39 **Selection of DBEs:**

40 DBEs utilized on the contract will be eligible to be counted as race neutral participation  
41 only if the firm is identified as a DBE on the current list of firms certified by the Office  
42 of Minority and Women's Business Enterprises (OMWBE), the DBE firm is certified in  
43 the corresponding NAICS code(s) for the type of work to be performed, and the DBE  
44 firm performs a commercially useful function. A list of firms certified by OMWBE,  
45 including the NAICS codes for which they are certified, is available from that office and  
46 on line through their website ([www.omwbe.wa.gov/directory/directory.htm](http://www.omwbe.wa.gov/directory/directory.htm)) or by  
47 telephone at (360) 704-1181.  
48

#### 49 **Counting DBE Participation For Reporting Race Neutral Accomplishments**

50 When a DBE firm participates in a contract, only the value of the work actually  
51 performed by the DBE will be counted as race-neutral participation.  
52

- 53 1. Count the entire amount of the portion of the contract that is performed by  
54 the DBE's own forces. Include the cost of supplies and materials

1 obtained by the DBE for the work of the contract, including supplies  
2 purchased or equipment leased by the DBE (except supplies, materials,  
3 and equipment the DBE Subcontractor purchases or leases from the  
4 Prime Contractor or its affiliate, unless the Prime Contractor is also a  
5 DBE). Work performed by a DBE, utilizing resources of the Prime  
6 Contractor or its affiliates will not be counted as race-neutral participation.  
7 In very rare situations, a DBE firm may utilize equipment and/or personnel  
8 from a non-DBE firm other than the Prime Contractor or its affiliates.  
9 Should this situation arise, the arrangement must be short-term and have  
10 prior written approval from the Contracting Agency. The arrangement  
11 must not erode a DBE firm's ability to perform a Commercially Useful  
12 Function (See discussion of CUF, below).  
13

- 14 2. Count the entire amount of fees or commissions charged by a DBE firm  
15 for providing a bona fide service, such as professional, technical,  
16 consultant, or managerial services, or for providing bonds or insurance.  
17
- 18 3. When a DBE subcontracts part of the work of its contract to another firm,  
19 the value of the subcontracted work may be counted as race neutral  
20 participation only if the DBE's lower tier Subcontractor is also a DBE.  
21 Work that a DBE Subcontracts to a non-DBE firm does not count as race  
22 neutral participation.  
23
- 24 4. When a non-DBE subcontractor further subcontracts to a lower-tier  
25 subcontractor or supplier who is a certified DBE, then that portion of the  
26 work further subcontracted may be counted toward the DBE goal, so long  
27 as it is a distinct clearly defined portion of the work of the subcontract that  
28 the DBE is performing with its own forces in a commercially useful  
29 function.  
30

#### 31 **DBE Prime Contractor**

32 A DBE prime Contractor may only count the work performed with its own forces and  
33 the work performed by DBE Subcontractors and DBE suppliers.  
34

#### 35 **Joint Venture**

36 When a DBE performs as a participant in a joint venture, only that portion of the total  
37 dollar value of the contract equal to the distinct, clearly defined portion of the work that  
38 the DBE performs with its own forces will count as race neutral participation.  
39

#### 40 **Commercially Useful Function**

41 Payments to a DBE firm will count as race neutral participation only if the DBE is  
42 performing a commercially useful function on the contract.  
43

- 44 1. A DBE performs a commercially useful function when it is responsible for  
45 execution of the work of the contract and is carrying out its responsibilities  
46 by actually performing, managing, and supervising the work involved. To  
47 perform a commercially useful function, the DBE must also be  
48 responsible, with respect to materials and supplies used on the contract,  
49 for negotiating price, determining quality and quantity, ordering the  
50 material, installing (if applicable) and paying for the material itself. Two  
51 party checks are not allowed.  
52
- 53 2. A DBE does not perform a commercially useful function if its role is limited  
54 to that of an extra participant in a transaction, contract, or project through

1 which funds are passed in order to obtain the appearance of DBE  
2 participation.  
3

#### 4 **Trucking**

5 Use the following factors in determining whether a DBE trucking company is  
6 performing a commercially useful function:  
7

- 8 1. The DBE must be responsible for the management and supervision of the  
9 entire trucking operation for which it is listed on a particular contract.
- 10 2. The DBE must itself own and, with its own workforce, operate at least one  
11 fully licensed, insured, and operational truck used on the contract.
- 12 3. The DBE receives credit only for the total value of the transportation  
13 services it provides on the contract using trucks it owns or leases,  
14 licenses, insures, and operates with drivers it employs.
- 15 4. For purposes of this paragraph a lease must indicate that the DBE has  
16 exclusive use of and control over the truck. This does not preclude the  
17 leased truck from working for others during the term of the lease with the  
18 consent of the DBE, so long as the lease gives the DBE absolute priority  
19 for use of the leased truck. Leased trucks must display the name and  
20 identification number of the DBE.
- 21 5. The DBE may lease trucks from another DBE firm, including an owner-  
22 operator who is certified as a DBE. The DBE who leases trucks from  
23 another DBE may report race-neutral participation for the total value of  
24 the transportation services the lessee DBE provides on the contract.
- 25 6. The DBE may also lease trucks from a non-DBE firm and may enter an  
26 agreement with an owner-operator who is a non-DBE. The DBE who  
27 leases trucks from a non-DBE or employs a non-DBE owner-operator is  
28 entitled to count race-neutral participation only for the fee or commission  
29 it receives as a result of the lease arrangement. The DBE may not count  
30 the total value of the transportation services provided by the lessee, since  
31 these services are not provided by a DBE.
- 32 7. In any lease or owner-operator situation, as described in paragraphs 5 &  
33 6 above, the following rules shall apply:
  - 34 a A written lease/rental agreement on all trucks leased or  
35 rented, showing the true ownership and the terms of the  
36 rental must be submitted and approved by the Contracting  
37 Agency prior to the beginning of the work. The agreement  
38 must show the lessor's name, trucks to be leased, and  
39 agreed upon amount or method of payment (hour, ton, or  
40 per load). All lease agreements shall be for a long-term  
41 relationship, rather than for the individual project. Does not  
42 apply to owner-operator arrangements.
  - 43 b Only the vehicle, (not the operator) is leased or rented.  
44 Does not apply to owner-operator arrangements.

- 1 8. In order for payments to be counted as race-neutral participation, DBE  
2 trucking firms must be covered by a subcontract or a written agreement  
3 approved by WSDOT prior to performing their portion of the work.  
4

5 **Expenditures paid to other DBEs**

6 Expenditures paid to other DBEs for materials or supplies may be counted toward race  
7 neutral participation as provided in the following:  
8

9 **Manufacturer**

10 1. Counting

11 If the materials or supplies are obtained from a DBE manufacturer, count  
12 100 percent of the cost of the materials or supplies toward race neutral  
13 participation.  
14

15 2. Definition

16 To be a manufacturer, the firm operates or maintains a factory or  
17 establishment that produces, on the premises, the materials, supplies,  
18 articles, or equipment required under the contract and of the general  
19 character described by the specifications.  
20

- 21 3. In order to receive credit as a DBE manufacturer, the firm must have  
22 received an “on-site” review and been approved by WSDOT-OEO to  
23 operate as a DBE Manufacturing firm. To schedule a review, the  
24 manufacturing firm must submit a written request to WSDOT/OEO and  
25 may not receive race neutral credit, until the completion of the review.  
26 Once a firm’s manufacturing process has been approved in writing, it is  
27 not necessary to resubmit the firm for approval unless the manufacturing  
28 process has substantially changed. Information on approved  
29 manufacturers may be obtained from WSDOT-OEO.  
30

31 **Regular Dealer**

32 1. Counting

33 If the materials or supplies are purchased from a DBE regular dealer, 60  
34 percent of the cost of the materials or supplies will count toward race  
35 neutral participation.  
36

37 2. Definition

38 a) To be a regular dealer, the firm must own, operate or  
39 maintain a store, warehouse, or other establishment in  
40 which the materials, supplies, articles or equipment of the  
41 general character described by the specifications and  
42 required under the contract are bought, kept in stock, and  
43 regularly sold or leased to the public in the usual course of  
44 business. It must also be an established, regular business  
45 that engages, as its principal business and under its own  
46 name, in the purchase and sale or lease of the products in  
47 question.  
48

49 b) A person may be a regular dealer in such bulk items as  
50 petroleum products, steel, cement, gravel, stone, or  
51 asphalt without owning, operating, or maintaining a place  
52 of business, as provided elsewhere in this specification, if  
53 the person both owns and operates distribution equipment  
54 for the products. Any supplementing of regular dealers’

1 own distribution equipment shall be by a long-term lease  
2 agreement and not on an ad hoc or contract-by-contract  
3 basis.  
4

5 c) Packagers, brokers, manufacturers' representatives, or  
6 other persons who arrange or expedite transactions are  
7 not regular dealers.  
8

- 9 3. Regular dealer status is granted on a contract-by-contract basis. To  
10 obtain regular dealer status, a formal written request must be made by  
11 the interested supplier (potential regular dealer) to WSDOT/OEO.  
12 Included in the request shall be a full description of the project, type of  
13 business operated by the DBE, and the manner the DBE will operate as a  
14 regular dealer on the specific contract. Rules applicable to regular dealer  
15 status are contained in 49 CFR Part 26.55.e.2. Once the request is  
16 reviewed by WSDOT-OEO, the DBE supplier requesting it will be notified  
17 in writing whether regular dealer status was approved.  
18

### 19 **Materials or Supplies Purchased from a DBE**

20 With respect to materials or supplies purchased from a DBE who is neither a  
21 manufacturer nor a regular dealer, the entire amount of fees or commissions charged  
22 for assistance in the procurement of the materials and supplies or fees or  
23 transportation charges for the delivery of materials or supplies required on a job site  
24 may be counted as race neutral participation. No part of the cost of the materials and  
25 supplies themselves may be applied as race neutral participation.  
26

### 27 **Procedures Between Award and Execution**

28 After award of the contract, the successful bidder shall provide the additional  
29 information described below. A failure to comply shall result in the forfeiture of the  
30 bidder's proposal bond or deposit.  
31

32 A list of all firms who submitted a bid or quote in an attempt to participate in this project  
33 whether they were successful or not. Include the correct business name, federal  
34 employer identification number (optional) and a mailing address.  
35

36 The firms identified by the Contractor may be contacted to solicit general information  
37 as follows:  
38

- 39 1. age of the firm
- 40 2. average of its gross annual receipts over the past three-years  
41  
42

### 43 **Procedures After Execution**

#### 44 **Reporting**

45 The Contractor shall submit a "Quarterly Report of Amounts Credited as DBE  
46 Participation" (actual payments) on a quarterly basis for any calendar quarter  
47 in which DBE work is accomplished or upon completion of the project, as  
48 appropriate. The quarterly reports are due on January 20th, April 20th, July  
49 20th, and October 20th of each year. The dollars reported will be in  
50 accordance with the "Counting DBE Participation For Reporting Race Neutral  
51 Participation" section of this specification.  
52

53 In the event that the payments to a DBE have been made by an entity other  
54 than the Prime Contractor (as in the case of a lower-tier subcontractor or

1 supplier), then the Prime Contractor shall obtain the quarterly report,  
2 including the signed affidavit, from the paying entity and submit the report to  
3 the Contracting Agency.  
4

5 **Payment**

6 Compensation for all costs involved with complying with the conditions of this  
7 specification and any associated DBE requirements is included in payment for the  
8 associated contract items of work.  
9

10 (March 13, 1995)

11 **Federal Agency Inspection**

12 Section 1-07.12 is supplemented with the following:  
13

14 **Required Federal Aid Provisions**

15 The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273)  
16 and the amendments thereto supersede any conflicting provisions of the Standard  
17 Specifications and are made a part of this contract; provided, however, that if any of  
18 the provisions of FHWA 1273, as amended, are less restrictive than Washington State  
19 Law, then the Washington State Law shall prevail.  
20

21 The provisions of FHWA 1273, as amended, included in this contract require that the  
22 Contractor insert the FHWA 1273 and amendments thereto in each subcontract,  
23 together with the wage rates which are part of the FHWA 1273, as amended. Also, a  
24 clause shall be included in each subcontract requiring the subcontractors to insert the  
25 FHWA 1273 and amendments thereto in any lower tier subcontracts, together with the  
26 wage rates. The Contractor shall also ensure that this section, REQUIRED FEDERAL  
27 AID PROVISIONS, is inserted in each subcontract for subcontractors and lower tier  
28 subcontractors. For this purpose, upon request to the Project Engineer, the Contractor  
29 will be provided with extra copies of the FHWA 1273, the amendments thereto, the  
30 applicable wage rates, and this Special Provision.  
31

32 **Contractor's Responsibility for Work**

33  
34 (August 6, 2001)

35 ***Repair of Damage***

36 Section 1-07.13(4) is revised to read:  
37

38 The Contractor shall promptly repair all damage to either temporary or permanent work  
39 as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1),  
40 1-07.13(2), or 1-07.13(3), payment will be made in accordance with Section 1-04.4.  
41 Payment will be limited to repair of damaged work only. No payment will be made for  
42 delay or disruption of work.  
43

44 **Protection and Restoration of Property**

45 Section 1-07.16 is supplemented with the following:  
46

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

48 ***Notification***

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

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

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

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

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

**Payment**

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

**Utilities And Similar Facilities**

Section 1-07.17 is supplemented with the following:

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

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

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

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

10 The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating to  
11 underground utilities. Any cost to the Contractor incurred as a result of this law shall be  
12 at the Contractor's expense.  
13

14 No excavation shall begin until all known facilities, in the vicinity of the excavation area,  
15 have been located and marked.  
16

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

- 20 • Grant County PUD, 30 C Street SW,  
21 Ephrata, WA 98823, (509) 7543451
- 22 • Qwest, 418 N. Clover,  
23 Moses Lake, WA 98837, (509) 765-2614

## 24 **Public Convenience and Safety**

### 25 ***Construction Under Traffic***

26 Section 1-07.23(1) is supplemented with the following:  
27

28 (April 2, 2007)

#### 29 **Work Zone Clear Zone**

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

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

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

47 The Contractor's nonessential vehicles and employees private vehicles shall not  
48 be permitted to park within the WZCZ at any time unless protected as described  
49 above.  
50  
51  
52

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

4  
5 Minimum WZCZ distances are measured from the edge of traveled way and will  
6 be determined as follows:

7  
8 Minimum Work Zone Clear Zone Distance

9  
10

<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

11  
12  
13  
14  
15

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

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

19 **Payment**

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

23  
24 **PROSECUTION AND PROGRESS**

25  
26 **Subcontracting**

27 Section 1-08.1 is supplemented with the following:

28  
29 (October 12, 1998)

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

36  
37 A subcontractor or lower tier subcontractor will not be permitted to perform any work  
38 under the contract until the following documents have been completed and submitted to  
39 the Engineer:

- 40  
41 1. Request to Sublet Work (Form 421-012), and  
42 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification  
43 for Federal-aid Projects (Form 420-004).  
44

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

52  
53 **Prosecution Of Work**  
54

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

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

4 The Contractor shall begin work no earlier than August 24, 2009, unless  
5 otherwise approved by the Engineer.  
6

7  
8 The Contractor shall complete the following items of work as shown in the Plans  
9 in the following order:

- 10  
11 1. All work to the point where the new alignment of Airway Drive, Sta. 11+35  
12 to 35+00, is considered substantially complete.  
13 2. Rotomilling Existing Airway Drive except for the tie in locations of the new  
14 Airway Drive alignment.  
15 3. All other required work, as shown in the Plans.  
16

### 17 **Time For Completion**

18  
19 The third paragraph of Section 1-08.5 is revised to read:

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

22 Contract time shall begin on the first working day. The first working day shall be  
23 August 24, 2009, unless otherwise approved by the Engineer.  
24

25 Section 1-08.5 is supplemented with the following:

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

28 This project shall be physically completed within **55** working days.  
29

30 Should the Contractor desire to perform work on any Saturday, Sunday, or Holiday  
31 during the life of this contract, he shall request written permission from the Engineer after  
32 submitting a new work schedule specifying the exact dates on which the work is to be  
33 performed.  
34

35 Should the Contractor desire to begin work before 6:30 am, or desire to work two  
36 separate or overlapping shifts during a single 24 hour day, or desire to work a shift  
37 longer than 10 hours in a single 24 hour day, he shall request written permission from  
38 the Engineer after submitting a new work schedule specifying the exact dates on which  
39 the requested work shifts are to be performed.  
40

41 The Engineer will consider the Contractor's request and may either approve or deny any  
42 or all working dates or shifts contained in the new progress schedule.  
43

44 No additional compensation will be given the Contractor for any delays and costs  
45 incurred because of this provision. All costs incurred shall be considered incidental to  
46 and included in other applicable contract items.  
47

## 48 **MEASUREMENT AND PAYMENT**

49 (March 13, 1995)

### 50 **Payments**

51 Section 1-09.9 is supplemented with the following:  
52

53  
54 The quantity of the following items to be paid for on this project shall be the quantity

1 shown in the Proposal, unless changes are made in accordance with Section 1-04.4  
2 which affect this quantity. The quantity shown in the Proposal will be adjusted by the  
3 amount of the change and will be paid for as specified in Section 1-04.4.  
4

- 5 1. Roadway Excavation incl. Haul
- 6 2. Embankment Compaction
- 7

8 The quantities in the Proposal are listed only for the convenience of the Contractor in  
9 determining the volume of work involved and are not guaranteed to be accurate. The  
10 prospective bidders shall verify these quantities before submitting a bid. No adjustments  
11 other than for approved changes will be made in the quantity even though the actual  
12 quantities required may deviate from those listed.  
13

14 The unit contract price for these items shall be full pay to construct and complete this  
15 portion of the work.  
16

## 17 **TEMPORARY TRAFFIC CONTROL**

### 18 **Traffic Control Management**

#### 19 **General**

20  
21  
22  
23 (December 1, 2008)

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

25  
26 Only training with WSDOT TCS card and WSDOT training curriculum is  
27 recognized in the State of Washington. The Traffic Control Supervisor shall be  
28 certified by one of the following:  
29

30 The Northwest Laborers-Employers Training Trust  
31 27055 Ohio Ave.  
32 Kingston, WA 98346  
33 (360) 297-3035  
34

35 Evergreen Safety Council  
36 401 Pontius Ave. N.  
37 Seattle, WA 98109  
38 1-800-521-0778 or (206) 382-4090  
39

40 The American Traffic Safety Services Association  
41 15 Riverside Parkway, Suite 100  
42 Fredericksburg, Virginia 22406-1022  
43 Training Dept. Toll Free (877) 642-4637  
44 Phone: (540) 368-1701  
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 and the applicable Standard "K"  
52 plan(s) for this project and said plan(s) are included in these specifications and is made  
53 part of this contract.  
54

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 Airway Drive within the project limits. One  
8 way traffic must be kept open during working hours and two-way traffic shall be restored  
9 at the end of each working day. Access to County Road intersection, local farms and  
10 residences shall be kept open at all times.  
11

## 12 **Traffic Control Labor, Procedures and Devices**

### 13 **Traffic Control Devices**

#### 14 **Construction Signs**

15 Section 1-10.3(3)A is supplemented with the following:  
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 1-10.3(3)A will be  
28 deducted from payment due or to become due the Contractor.  
29  
30

#### 31 **Wood Sign Posts**

32 Use the charts below to determine post size for Class A construction signs.  
33

#### 34 **One Post Installation**

<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
4x4	-	16.0
4x6	17.0	20.0
6x6	21.0	25.0
6x8	26.0	31.0

#### 35 **Two Post Installation** 36 (For signs 5 feet or greater in width)

<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
4x4	-	16.0
4x6	17.0	36.0
6x6	37.0	46.0
6x8	47.0	75.0 *

37 \* The Engineer will determine the post size for signs greater than 75  
38 square feet.  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54

1       **Barricades**

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

3  
4       (\*\*\*\*\*)

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

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

11  
12       **Measurement**

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

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

16  
17       (August 2, 2004)

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

20  
21       **Payment**

22       Section 1-10.5(1) is supplemented with the following:

23  
24       (\*\*\*\*\*)

25       The lump sum contract price for "Project Temporary Traffic Control" shall include all  
26       costs incurred by the Contractor in placing and maintaining traffic control signs furnished  
27       by the County and in furnishing, placing, and maintaining traffic control vehicles, traffic  
28       control supervisor, traffic control labor including flaggers, two-way radios, eight (8) foot  
29       wide Type III barricades, flashers, posts for signs and other equipment and materials in  
30       accordance with the Traffic Control Plan and Section 1-10 of the Standard  
31       Specifications. Progress payment for the lump sum item "Project Temporary Traffic  
32       Control" will be made as follows:

- 33  
34               1. When the initial temporary traffic control devices are set up, fifty (50) percent  
35               of the amount bid for the item will be paid.  
36               2. Payment for the remaining fifty (50) percent of the amount bid for the item will  
37               be paid on a prorated basis in accordance with the total job progress as  
38               determined by progress payments.  
39  
40

41                               **DIVISION 2   EARTHWORK**

42  
43       **CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

44  
45       **Description**

46       Section 2-01.1 is supplemented with the following:

47  
48       (March 13, 1995)

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

50  
51       Airway Drive - Sta. 11+35 to 35+00

52       Existing Parking Lot Area  
53

1 **REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

2  
3 **Construction Requirements**

4  
5 ***Removal of Pavement, Sidewalks, and Curbs***

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

7  
8 (\*\*\*\*\*)

9 ***Rotomilling Bituminous Pavement***

10 The Contractor shall rotomill all existing bituminous pavements. The Contractor  
11 shall provide equipment capable of producing planings 2 inches in diameter or  
12 smaller. All sections planed on any given day shall be uniformly spread,  
13 watered, and re-compacted to a non-yielding surface over the existing subgrade  
14 by the end of the work day and re-graded, if necessary, to the staked line and  
15 grade before placement of crushed surfacing materials.

16  
17 The equipment used to rotomill existing bituminous pavements shall be capable  
18 of rotomilling a minimum of 72” in a single pass, capable of working at a mixing  
19 depth of at least 6” without producing skips and work at a traveling speed of 2  
20 mph or more.

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

23 ***Removal of Miscellaneous Items***

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

- 25  
26 Existing Sidewalk – approximately 750 S. Y.  
27 Existing Curb – approximately 300 L.F.  
28 Existing Catch Basins – approximately 2 Each  
29 Existing Pedestrian Underpass and Concrete/Rock Walls – 1 Each  
30

31 The following miscellaneous items shall be removed and stockpiled at the Grant  
32 County Fair Grounds as directed by the Engineer:

- 33  
34 Existing Guardrail – approximately 400 L.F.  
35 Existing Fence and Posts – approximately 1,920 L.F.  
36 Existing Precast Concrete Parking Wheel Stops – approximately 100 Each  
37 Existing Light Poles – 14 Each  
38

39 **Payment**

40 Section 2-02.5 is supplemented with the following:

41  
42 “Rotomilling Bituminous Pavement”, per square yard.

43  
44 “Removal of Structure and Obstruction”, per lump sum

45 This pay item shall include removal, disposal or stockpile of all miscellaneous  
46 items found within the project limits.  
47

48 **ROADWAY EXCAVATION AND EMBANKMENT**

49  
50 **Construction Requirements**

51  
52 ***Disposal Of Surplus Material***

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

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

3 A waste site for the excess Roadway Excavation material is provided as shown in the  
4 plans, Sheet #9 and placed per Detail shown on Sheet #13.  
5  
6

## 7 **DIVISION 4 BASES**

### 8 9 **BALLAST AND CRUSHED SURFACING**

#### 10 11 **Construction Requirements**

##### 12 13 ***Equipment***

14 The first sentence of Section 4-04.3(1) is revised to read:  
15

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

17 All equipment necessary for the satisfactory performance of this construction  
18 shall be on the project and approved by the Engineer prior to beginning work.  
19 The Contractor will be required to demonstrate that equipment of sufficient size,  
20 number, and reliability has been provided to meet the project schedule submitted  
21 by the Contractor, if requested by the Engineer.  
22

##### 23 ***Placing and Spreading***

24 The third paragraph of Section 4-04.3(4) is supplemented with the following:  
25

26 (\*\*\*\*\*)

27 The Contractor will be required to fill each hauling vehicle with the same quantity  
28 of crushed aggregate. This is necessary in order to provide consistent spreads  
29 within the limits of the specific section determined by the Engineer.  
30

31 The Contractor will place the material in such a way as to minimize the impact of  
32 the hauling vehicles. Hauling over any of the surfacing materials prior to  
33 processing shall not be permitted.  
34

##### 35 ***Miscellaneous Requirement***

36 The second sentence of the first paragraph of Section 4-04.3(7) is revised to  
37 read:  
38

39 (\*\*\*\*\*)

40 Each course of surfacing material shall be placed in its entirety before placing the  
41 succeeding course unless otherwise authorized by the Engineer. The Contractor  
42 shall repair any segregated areas by reprocessing the effected section of each  
43 course before placing any additional material.  
44  
45

## 46 **DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS**

### 47 48 **HOT MIX ASPHALT**

#### 49 50 **Construction Requirements**

##### 51 52 **5-04.3(7)A Mix Design**

53 Section is deleted and replaced with:

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

- 3 1. **General.** Prior to the production of HMA, the Contractor shall determine a design  
4 aggregate structure and asphalt binder content in accordance with WSDOT Standard  
5 Operating Procedure 732. Once the design aggregate structure and asphalt binder  
6 content have been determined, the Contractor shall submit the HMA mix design on  
7 DOT form 350-042 demonstrating the design meets the requirements of Sections 9-  
8 03.8(2) and 9-03.8(6). Verification of the mix design by the Contracting Agency is not  
9 needed. The Project Engineer will determine anti-strip requirements for the HMA.

10  
11 The mix design will be the initial Job Mix Formula (JMF) for the class of mix. Any  
12 additional adjustments to the JMF will require the approval of the Project Engineer  
13 and may be made per Section 9-03.8(7).  
14

- 15 2. **Non Statistical Evaluation.** Non statistical acceptance will apply to all HMA not  
16 designated as Commercial HMA in the contract documents. Non statistical  
17 acceptance testing will be conducted as outlined in 5-04.3(8)A.  
18  
19 3. **Commercial Evaluation.** Where Commercial HMA is allowed it can be accepted by  
20 a Manufacturer's Certificate of Compliance stating the material meets the  
21 requirements in the contract. Where HMA Commercial is used for the traveled way,  
22 a minimum of one acceptance test to verify gradation, fracture, sand equivalent, and  
23 oil content is required in addition to the Manufacturer's Certificate of Compliance.  
24

25 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**

26 Items 1 & 2 are deleted and replaced with:

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

- 29 1. **General.** Acceptance of HMA shall be as provided under nonstatistical or  
30 commercial evaluation.  
31

32 Sampling of HMA for nonstatistical evaluation will be as discussed in WSDOT  
33 Standard Specifications for Road, Bridge, and Municipal Construction, 2008 edition,  
34 section 5-04.3(8)A, sections 3 through 6.  
35

36 Commercial evaluation will be used for Commercial HMA and other classes of HMA  
37 as allowed by the contract. Commercial HMA may be used for amounts of HMA less  
38 than 2500 tons in any application. Testing beyond that specified in 5-04.3(7)A, item  
39 3 for Commercial HMA will be at the discretion of the engineer. Anti-strip additive,  
40 where required, will be verified and documented by the engineer.  
41

- 42 2. **Aggregates.** The acceptance criteria for aggregate properties of sand equivalent,  
43 voids in mineral aggregate (VMA), fracture and gradation will be their conformance to  
44 the requirements of Section 9-03.8(2) the Standard Specification, 2008 edition.  
45

46 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**

47 Item 4, second paragraph is deleted.  
48

49 **5-04.3(8)A, Acceptance Sampling and Testing – HMA Mixture**

50 Item 7 is deleted.  
51

52 ***Longitudinal Joints***

53 Section 5-04.3(12)B is supplemented with the following:  
54

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

### HMA Paving Step Wedge Requirement

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

The Contractor shall construct a step wedge joint along all longitudinal joints.

The step wedge shall be constructed by providing a 0.08-foot vertical edge, then down on a 4:1 slope.

## Payment

### 5-04.5(1)A Price Adjustments for Quality of HMA Mixture

Section is deleted and replaced with:

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

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

**Table of Price Adjustment Factors**

Constituent	Factor "f"
All aggregate passing: 1 1/2", 1", 3/4", 1/2", 3/8" and No. 4 sieves	2
All aggregate passing No. 8	15
All aggregate passing No. 200 sieve	20
Asphalt binder	52

Items 1-3 are deleted and replaced with:

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

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

1 For each lot of HMA produced under Nonstatistical or Commercial Evaluation when the  
2 calculated CPF is less than 1.00, a Nonconforming Mix factor (NCMF) will be  
3 determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by  
4 60 percent. The Job Mix Compliance Price Adjustment will be calculated as the product  
5 of the NCMF, the quantity of HMA in the lot in tons, and the unit contract price per ton of  
6 the mix.

7  
8 If a constituent is not measured in accordance with these Specifications, its individual  
9 pay factor will be considered 1.00 in calculating the composite pay factor.

10  
11 **5-04.5(1)B Price Adjustments for Quality of HMA Compaction**

12 Section is deleted and replaced with:

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

14  
15 The maximum CPF of a compaction lot is 1.00

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

22  
23 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

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

25 **Existing 65' Long Concrete Piles**

26  
27 **Construction Requirements**

28  
29 The Contractor shall move the existing 65' long concrete piles out of the way during  
30 construction and then reset the existing 65' long concrete piles as shown in the plans.

31  
32 **Payment**

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

35 The unit contract price bid per each for "Move and Reset Existing 65' Long Concrete  
36 Piles" shall be full compensation for performing the work outlined herein and in  
37 accordance with the plans and specifications.

38  
39 **MONUMENT**

40  
41 **Construction Requirements**

42  
43 (\*\*\*\*\*)

44 Section 8-13.3 is supplemented with the following:

45  
46 All work shall be performed by a licensed surveyor.

47  
48 The Contractor shall be required to set or reset monuments and monument covers at  
49 right of way points of intersection, curvature, and tangency within the project limits and  
50 as shown on the plans. Pursuant to RCW 58.24.040(8), a permit to remove or destroy a  
51 survey monument shall be acquired from the Washington State Dept. of Natural  
52 Resources for all existing survey monuments and markers.

1 The Contractor shall leave all existing monuments in place unless the road profile  
2 requires removal. When the new road profile requires the existing monument to be reset  
3 the Contractor shall reuse and reset existing monument and record a new elevation on  
4 the brass disc or provide a supplementary brass inset with new elevation stamped on  
5 the monument. The Contractor shall give the Engineer a certified report from the  
6 Surveyor regarding the final disposition and condition of all monuments discovered  
7 within the project limits.  
8

## 9 **Payment**

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

12 The unit contract price bid per each for "Monuments" shall be full compensation for  
13 performing the work outlined herein and in accordance with the plans and specifications.  
14

## 15 **CEMENT CONCRETE SIDEWALKS**

### 16 17 **Construction Requirements**

18  
19 (\*\*\*\*\*)

20 Section 8-14 is supplemented with the following:  
21

#### 22 **Detectable Warning on Walking Surfaces**

23 Detectable warnings shall consist of raised truncated domes with a diameter of  
24 nominal 0.9 in (23mm), a height of nominal 0.2 in (5mm) and a center to center  
25 spacing of nominal 2.35 in (60mm) and shall contrast visually with adjoining  
26 surfaces as shown in the Standard Plans.  
27

28 Cast-in-place stamped designs, pre-cast concrete designs and surface-applied  
29 materials will not be acceptable. The Contractor shall use ADA pavers rustic in  
30 color.  
31

#### 32 **County Furnished ADA Pavers**

33 The County has truncated dome pavers available for the Contractor to purchase.  
34 The pavers comply with ADA requirements.  
35

36 The cost of the 4" x 8" x 2-1/4" ADA pavers to the Contractor is \$1.33 per paver.  
37

38 The cost of the pavers will be deducted from the Contractor's monthly progress  
39 pay estimates.  
40

#### 41 **Payment**

42 Payment will be made in accordance with Section 1-04.1, for the following bid  
43 items when included in the proposal:  
44

45 "Cement Conc. Sidewalk Ramp Type\_incl. Detectable Warning Area" per each.

46 "HMA Sidewalk Ramp Type\_incl. Detectable Warning Area" per each.

47 "Detectable Warning Area" per each.  
48  
49

## 50 **ILLUMINATION, TRAFFIC SIGNAL SYSTEMS and ELECTRICAL**

51  
52 (\*\*\*\*\*)

### 53 **Materials**

1 Section 8-20.2 is supplemented with the following:  
2

3 The Conduit, heavy wall rigid PVC schedule 40 shall meet the requirements of the Public  
4 Utility District #2 of Grant County as stated on the included standard plans.  
5

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

7 **Construction Requirements**

8 Section 8-20.3 is supplemented with the following:  
9

10 The Conduit shall have a minimum depth of 30 inches and shall extend past the edge of  
11 pavement approximately 5 feet on each side as shown in the contact plans.  
12

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

14 **Payment**

15 Section 8-20.5 is supplemented with the following:  
16

17 The unit contract price per linear foot for "Conduit, Heavy Wall Rigid PVC Schedule 40,  
18 2" Diam. Including Excavation and Bedding" shall be full pay for labor, equipment,  
19 materials, and tools necessary to complete the Work as specified.  
20  
21  
22

23 **PERMANENT SIGNING**

24  
25 **Construction Requirements**

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

28 Section 8-21.3 is supplemented with the following:  
29

30 All existing signs, posts and hardware within the project limits shall be removed and  
31 salvaged to the Grant County Sign Shop, 124 Enterprise St. S.E., Ephrata, WA, Monday  
32 thru Friday, 7:00 A.M. to 3:00 P.M.  
33

34 All locations for new sign installations within or near the project limits shall be staked in  
35 the field by the Engineer.  
36

37 All sign post lengths shall be determined by the Contractor and approved by the  
38 Engineer prior to installation.  
39

40 The Permanent Signing Appendix lists the signs that shall be furnished and installed by  
41 the Contractor.  
42

43 **PAVEMENT MARKING**

44  
45 **Materials**

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

48 The first sentence of Section 8-22.2 is replaced with the following:  
49

50 Materials for pavement marking shall be acetone-based paint and conform to WSDOT  
51 paint formulas HWVY2 for yellow lines and HWVW1 for white lines. Water-based paints  
52 will not be acceptable.  
53

1 (\*\*\*\*\*)  
2 Section 8-22.2 is supplemented with the following:

3  
4 Plastic pavement marking shall conform to the following:

5  
6 Long Line Markings:

7  
8 Surface Mount - Type B-Preformed Fused Thermoplastic (heat  
9 fused)

10  
11 Transverse and Symbol Markings:

12  
13 Surface Mount - Type B-Preformed Fused Thermoplastic (heat  
14 fused)

## 15 16 **Construction Requirements**

### 17 18 ***Preliminary Spotting***

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

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

22 The Contractor shall use established control points to assist in the preliminary  
23 spotting of the lines to be marked. Where control points are unavailable the  
24 Contractor shall establish such control as necessary to provide accurate  
25 preliminary spotting for pavement marking. The Engineer shall provide control  
26 points for no-pass zones.

### 27 28 ***Marking Application***

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

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

32 This contract contains new striping work and will require two applications of paint  
33 on a thoroughly swept pavement surface. 10 mils on the first pass and 15 mils  
34 on the second pass in the opposite direction. Glass beads for retro-reflective  
35 applications shall be applied at the rate of 7 pounds per gallon of paint.

36  
37 The Contractor shall use a three gun paint spray system for all striping on this  
38 contract.

## 39 40 41 **DIVISION 9 MATERIALS**

### 42 43 **AGGREGATES**

#### 44 45 ***HMA Test Requirements***

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

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

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

#### 51 52 ***HMA Tolerances and Adjustments***

53 Section 9-03.8(7) Item 1 is deleted and replaced with:  
54

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

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

	<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%

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

## **STRUCTURAL STEEL AND RELATED MATERIALS**

### **Roadside Sign Structures**

Section 9-06.16 is supplemented with the following:

(August 2, 2004)

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

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

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

#### **System Acceptance**

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

## **SIGNING MATERIALS AND FABRICATION**

### **Sign Support Structures**

Section 9-28.14 is supplemented with the following:

(April 10, 2006)

#### ***Manufactures for Steel Sign Supports***

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

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

**STANDARD PLANS**  
***August 4, 2008***

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 08-001, effective August 4, 2008 is made a part of this contract.

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1  
2  
3  
4

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**PROPOSAL**

To: Board of County Commissioners  
Grant County, Washington

Date: \_\_\_\_\_, 2009

This certifies that the undersigned has examined the location of **Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14, 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.

**Airway Drive Realignment and Fairgrounds Path (TE)**

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

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
----------	---------------	------------------	------------------------------------	---------------------------------

**PREPARATION**

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	.
---	------------------	-----------------------	-------------------------------------	---

4	100% Lump Sum	Removal of Structures and Obstructions	At ////////.//// Per Lump Sum	.
---	------------------	--	-------------------------------------	---

5	600 L.F.	Removing Paint Line	At . . Per Linear Foot	.
---	-------------	---------------------	------------------------------	---

**GRADING**

6	10,585 S.Y.	Rotomilling Bituminous Pavement	At . . Per Square Yard	.
---	----------------	---------------------------------	------------------------------	---

7	12,320 C.Y.	Roadway Excavation including Haul	At . . Per Cubic Yard	.
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Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
8	1,950 Cu. Yd.	Embankment Compaction	At Per Cubic Yard	.
9	2,500 Cu. Yd.	Borrow Excavation Including Haul	At Per Cubic Yard	.
<b>DRAINAGE</b>				
10	5 Each	Drywell Type A with 12" Riser	At Per Each	.
11	600 Cu. Yd.	Gravel Backfill for Drywells	At Per Cubic Yard	.
12	5 Each	Catch Basin Type 1	At Per Each	.
13	120 L.F.	Solid Wall PVC Storm Sewer Pipe 10" Diam.	At Per Linear Foot	.
14	45 Cu. Yd.	Gravel Backfill for Pipe Zone Bedding	At Per Cubic Yard	.
15	250 S.Y.	Shoring or Extra Excavation Class B	At Per Square Yard	.
<b>SURFACING</b>				
16	3,325 Ton	Crushed Surfacing Base Course	At Per Ton	.
17	11,165 Ton	Crushed Surfacing Top Course	At Per Ton	.
<b>HOT MIX ASPHALT</b>				
18	3,320 Ton	HMA Class ½" Incl. PG64-28 Paving Asphalt	At Per Ton	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
19	240 Ton	HMA Class ½" Incl. PG64-28 Paving Asphalt for 8' Wide Sidewalk	At Per Ton	.
<b>TRAFFIC</b>				
20	4,895 L.F.	Cement Concrete Traffic Curb and Gutter	At Per Linear Foot	.
21	175 S.Y.	Concrete Sidewalk	At Per Square Yard	.
22	25 S.Y.	Cement Concrete Driveway Entrance Type 1	At Per Square Yard	.
23	4 Each	Cement Concrete Sidewalk Ramp Type 2A, Detectable Warning Area	At Per Each	.
24	2 Each	HMA Sidewalk Ramp Type 2A, Detectable Warning Area	At Per Each	.
25	8 Each	Detectable Warning Area	At Per Each	.
26	4,050 L.F.	Painted Two-Way Left Turn Center Line	At Per Linear Foot	.
27	700 L.F.	Painted Double Yellow Center Line	At Per Linear Foot	.
28	40 Each	Painted Access Parking Space Symbol with Background	At Per Each	.
29	10 Each	Plastic Type 2L Traffic Arrow	At Per Each	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
30	544 S.F.	Plastic Crosswalk Line	At Per Square Foot	.
31	53 L.F.	Plastic Stop Line	At Per Linear Foot	.
32	100 L.F.	Plastic Wide Line	At Per Linear Foot	.
33	19 Each	Move and Reset Existing 65' Long Concrete Piles	At Per Each	.
34	3,452 L.F.	Traffic Parking Berm	At Per Linear Foot	.
35	730 L.F.	Conduit, Rigid PVC Sch. 40, 2" Diam. Including Excavation and Bedding	At Per Linear Foot	.
36	100% Lump Sum	Permanent Signing	At //////////./////	.
37	100% Lump Sum	Project Temporary Traffic Control	At //////////./////	.
<b>OTHER ITEMS</b>				
38	100% Lump Sum	Spill Prevention, Control, and Countermeasure (SPCC) Plan	At //////////./////	.
39	300 Cu. Yd.	Structure Excavation Class "B" including Haul	At Per Cubic Yard	.
40	5 Each	Monument	At Per Each	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
41	100% Lump Sum	Trimming and Cleanup	At ////////.//// Per Lump Sum	.
42	Calculated	Minor Changes	At ////////.//// Calculated	\$4.00

<b>Contract Total</b>	.
-----------------------	---

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## 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: \_\_\_\_\_, 2009

RE: **Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**

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 realignment of an county road in Grant County, WA, and includes removal of structures and obstructions, rotomilling, roadway excavation, embankment compaction, crushed surfacing base course, maintenance rock, hot mix asphalt, curb and gutter, concrete sidewalk, paint lines, permanent signing, project temporary traffic control and other work all in accordance with the attached Contract Plans, these Contract Provisions and the Standard 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: **Airway Drive Realignment and Fairgrounds Path (TE)**

**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 \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_

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

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

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## 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 Obligee, 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 Obligee shall make any award to the  
Principal for **Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**, 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 Obligee  
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 Obligee; or if the  
principal shall, in case of failure so to do, pay and forfeit to the Obligee 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  
Obligee, as penalty and liquidated damages, the amount of this bond.

SIGNED, SEALED AND DATED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2009

Principal \_\_\_\_\_

Surety \_\_\_\_\_

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

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## 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 **Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**, located in Grant County, Washington, as proposed in a bid opened **1:30 P.M., Tuesday, July 28, 2009** 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 \_\_\_\_\_, 2009

\_\_\_\_\_  
Signature

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

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

\_\_\_\_\_  
Address

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

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

ATTEST:

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

APPROVED AS TO FORM:

\_\_\_\_ day of \_\_\_\_\_, 2009

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

BOARD OF COUNTY COMMISSIONERS  
OF GRANT COUNTY, WASHINGTON

Done this \_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
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 \_\_\_\_\_, 2009.

The conditions of the above obligation are such that:

WHEREAS, on **July 28, 2009**, 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 **Airway Drive Realignment and Fairgrounds Path (TE), CRP 09-01 & 08-14**, 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

\_\_\_\_\_, 2009

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

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## 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.

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# Required Contract Provisions Federal-Aid Construction Contracts

FHWA-1273 Electronic Version – March 10, 1994

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### I. GENERAL

1. These contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.
2. Except as otherwise provided for in each section, the contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with these Required Contract Provisions.
3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the contract.
4. A breach of the following clauses of the Required Contract Provisions may also be grounds for debarment as provided in 29 CFR 5.12:

Section I, paragraph 2;

Section IV, paragraphs 1, 2, 3, 4, and 7;

Section V, paragraphs 1 and 2a through 2g.

5. Disputes arising out of the labor standards provisions of Section IV (except paragraph 5) and Section V of these Required Contract Provisions shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor (DOL) as set forth in 29 CFR 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the DOL, or the contractor's employees or their representatives.
6. **Selection of Labor:** During the performance of this contract, the contractor shall not:
  - a. discriminate against labor from any other State, possession, or territory of the United States (except for employment preference for Appalachian contracts, when applicable, as specified in Attachment A), or
  - b. employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.

## II. **NONDISCRIMINATION**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$10,000 or more.)

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630 and 41 CFR 60) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The Equal Opportunity Construction Contract Specifications set forth under 41 CFR 60-4.3 and the provisions of the American Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:
  - a. The contractor will work with the State highway agency (SHA) and the Federal Government in carrying out EEO obligations and in their review of his/her activities under the contract.
  - b. The contractor will accept as his operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training."

2. **EEO Officer:** The contractor will designate and make known to the SHA contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of EEO and who must be assigned adequate authority and responsibility to do so.
3. **Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:
  - a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.
  - b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.
  - c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minority group employees.
  - d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
  - e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.
4. **Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minority groups in the area from which the project work force would normally be derived.
  - a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.
  - b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with EEO contract provisions. (The DOL has held that where implementation of such agreements have

the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Executive Order 11246, as amended.)

- c. The contractor will encourage his present employees to refer minority group applicants for employment. Information and procedures with regard to referring minority group applicants will be discussed with employees.
5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:
  - a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
  - b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
  - c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.
  - d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of his avenues of appeal.
6. **Training and Promotion:**
  - a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.
  - b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision.
  - c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

- d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.
7. **Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor either directly or through a contractor's association acting as agent will include the procedures set forth below:
- a. The contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.
  - b. The contractor will use best efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.
  - c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the SHA and shall set forth what efforts have been made to obtain such information.
  - d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minority group persons and women. (The DOL has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the SHA.
8. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment.
- a. The contractor shall notify all potential subcontractors and suppliers of his/her EEO obligations under this contract.
  - b. Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful

minority group and female representation among their employees. Contractors shall obtain lists of DBE construction firms from SHA personnel.

- c. The contractor will use his best efforts to ensure subcontractor compliance with their EEO obligations.
9. **Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the SHA and the FHWA.
- a. The records kept by the contractor shall document the following:
    1. The number of minority and non-minority group members and women employed in each work classification on the project;
    2. The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women;
    3. The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and
    4. The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.
  - b. The contractors will submit an annual report to the SHA each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data.

### III. NONSEGREGATED FACILITIES

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$10,000 or more.)

- a. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO provisions of this contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.
- b. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color,

religion, national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).

- c. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements of \$10,000 or more and that it will retain such certifications in its files.

#### IV. PAYMENT OF PREDETERMINED MINIMUM WAGE

(Applicable to all Federal-aid construction contracts exceeding \$2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural minor collectors, which are exempt.)

##### 1. General:

- a. All mechanics and laborers employed or working upon the site of the work will be paid unconditionally and not less often than once a week and without subsequent deduction or rebate on any account [except such payroll deductions as are permitted by regulations (29 CFR 3) issued by the Secretary of Labor under the Copeland Act (40 U.S.C. 276c)] the full amounts of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment. The payment shall be computed at wage rates not less than those contained in the wage determination of the Secretary of Labor (hereinafter "the wage determination") which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor or its subcontractors and such laborers and mechanics. The wage determination (including any additional classifications and wage rates conformed under paragraph 2 of this Section IV and the DOL poster (WH-1321) or Form FHWA-1495) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers. For the purpose of this Section, contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act (40 U.S.C. 276a) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section IV, paragraph 3b, hereof. Also, for the purpose of this Section, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in paragraphs 4 and 5 of this Section IV.
- b. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein, provided, that the employer's payroll records

accurately set forth the time spent in each classification in which work is performed.

- c. All rulings and interpretations of the Davis-Bacon Act and related acts contained in 29 CFR 1, 3, and 5 are herein incorporated by reference in this contract.

**2. Classification:**

- a. The SHA contracting officer shall require that any class of laborers or mechanics employed under the contract, which is not listed in the wage determination, shall be classified in conformance with the wage determination.
- b. The contracting officer shall approve an additional classification, wage rate and fringe benefits only when the following criteria have been met:
  - 1. the work to be performed by the additional classification requested is not performed by a classification in the wage determination;
  - 2. the additional classification is utilized in the area by the construction industry;
  - 3. the proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and
  - 4. with respect to helpers, when such a classification prevails in the area in which the work is performed.
- c. If the contractor or subcontractors, as appropriate, the laborers and mechanics (if known) to be employed in the additional classification or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the DOL, Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, D.C. 20210. The Wage and Hour Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- d. In the event the contractor or subcontractors, as appropriate, the laborers or mechanics to be employed in the additional classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. Said Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period

that additional time is necessary.

- e. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 2c or 2d of this Section IV shall be paid to all workers performing work in the additional classification from the first day on which work is performed in the classification.

**3. Payment of Fringe Benefits:**

- a. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor or subcontractors, as appropriate, shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly case equivalent thereof.
- b. If the contractor or subcontractor, as appropriate, does not make payments to a trustee or other third person, he/she may consider as a part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided, that the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

**4. Apprentices and Trainees (Programs of the U.S. DOL) and Helpers:**

- a. Apprentices:
  - 1. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the DOL, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or if a person is employed in his/her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.
  - 2. The allowable ratio of apprentices to journeyman-level employees on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate listed in the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor or subcontractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman-level hourly rate)

specified in the contractor's or subcontractor's registered program shall be observed.

3. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator for the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.
4. In the event the Bureau of Apprenticeship and Training, or a State apprenticeship agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor or subcontractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the comparable work performed by regular employees until an acceptable program is approved.

b. Trainees:

1. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the DOL, Employment and Training Administration.
2. The ratio of trainees to journeyman-level employees on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.
3. Every trainee must be paid at not less than the rate specified in the approved program for his/her level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman-level wage rate on the wage determination which provides for less than full fringe benefits for apprentices, in which case such trainees shall receive the same fringe benefits as apprentices.

4. In the event the Employment and Training Administration withdraws approval of a training program, the contractor or subcontractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. **Helpers:**

Helpers will be permitted to work on a project if the helper classification is specified and defined on the applicable wage determination or is approved pursuant to the conformance procedure set forth in Section IV.2. Any worker listed on a payroll at a helper wage rate, who is not a helper under an approved definition, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed.

5. **Apprentices and Trainees (Programs of the U.S. DOT):**

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

6. **Withholding:**

The SHA shall upon its own action or upon written request of an authorized representative of the DOL withhold, or cause to be withheld, from the contractor or subcontractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements which is held by the same prime contractor, as much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the SHA contracting officer may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

7. **Overtime Requirements:**

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers, mechanics, watchmen, or guards (including apprentices, trainees, and helpers described in paragraphs 4 and 5 above) shall require or permit any laborer, mechanic, watchman, or guard in any workweek in which he/she is employed on such work, to work in excess of 40 hours in such workweek unless such laborer, mechanic, watchman, or guard receives compensation at a rate not less than one-and-one-half times his/her basic rate of pay for all hours worked in excess of 40 hours in such workweek.

8. **Violation:**

Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in paragraph 7 above, the contractor and any subcontractor responsible thereof shall be liable to the affected employee for his/her unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer, mechanic, watchman, or guard employed in violation of the clause set forth in paragraph 7, in the sum of \$10 for each calendar day on which such employee was required or permitted to work in excess of the standard work week of 40 hours without payment of the overtime wages required by the clause set forth in paragraph 7.

9. **Withholding for Unpaid Wages and Liquidated Damages:**

The SHA shall upon its own action or upon written request of any authorized representative of the DOL withhold, or cause to be withheld, from any monies payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 8 above.

**V. STATEMENTS AND PAYROLLS**

(Applicable to all Federal-aid construction contracts exceeding \$2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural collectors, which are exempt.)

1. **Compliance with Copeland Regulations (29 CFR 3):**

The contractor shall comply with the Copeland Regulations of the Secretary of Labor which are herein incorporated by reference.

2. **Payrolls and Payroll Records:**

- a. Payrolls and basic records relating thereto shall be maintained by the contractor and each subcontractor during the course of the work and preserved for a period of 3 years from the date of completion of the contract for all laborers, mechanics, apprentices, trainees, watchmen, helpers, and guards working at the site of the work.
- b. The payroll records shall contain the name, social security number, and address of each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. In addition, for Appalachian contracts, the payroll records shall contain a notation indicating whether the employee does, or does not, normally reside in the

labor area as defined in Attachment A, paragraph 1. Whenever the Secretary of Labor, pursuant to Section IV, paragraph 3b, has found that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis Bacon Act, the contractor and each subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, that the plan or program has been communicated in writing to the laborers or mechanics affected, and show the cost anticipated or the actual cost incurred in providing benefits. Contractors or subcontractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprentices and trainees, and ratios and wage rates prescribed in the applicable programs.

- c. Each contractor and subcontractor shall furnish, each week in which any contract work is performed, to the SHA resident engineer a payroll of wages paid each of its employees (including apprentices, trainees, and helpers, described in Section IV, paragraphs 4 and 5, and watchmen and guards engaged on work during the preceding weekly payroll period). The payroll submitted shall set out accurately and completely all of the information required to be maintained under paragraph 2b of this Section V. This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal stock number 029-005-0014-1), U.S. Government Printing Office, Washington, D.C. 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors.
- d. Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his/her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
  - 1. that the payroll for the payroll period contains the information required to be maintained under paragraph 2b of this Section V and that such information is correct and complete;
  - 2. that such laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR 3;
  - 3. that each laborer or mechanic has been paid not less than the applicable wage rate and fringe benefits or cash equivalent for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- e. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 2d of this Section V.

- f. The falsification of any of the above certifications may subject the contractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 231.
- g. The contractor or subcontractor shall make the records required under paragraph 2b of this Section V available for inspection, copying, or transcription by authorized representatives of the SHA, the FHWA, or the DOL, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the SHA, the FHWA, the DOL, or all may, after written notice to the contractor, sponsor, applicant, or owner, take such actions as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR**

- 1. On all Federal-aid contracts on the National Highway System, except those which provide solely for the installation of protective devices at railroad grade crossings, those which are constructed on a force account or direct labor basis, highway beautification contracts, and contracts for which the total final construction cost for roadway and bridge is less than \$1,000,000 (23 CFR 635) the contractor shall:
  - a. Become familiar with the list of specific materials and supplies contained in Form FHWA-47, "Statement of Materials and Labor Used by Contractor of Highway Construction Involving Federal Funds," prior to the commencement of work under this contract.
  - b. Maintain a record of the total cost of all materials and supplies purchased for and incorporated in the work, and also of the quantities of those specific materials and supplies listed on Form FHWA-47, and in the units shown on Form FHWA-47.
  - c. furnish, upon the completion of the contract, to the SHA resident engineer on Form FHWA-47 together with the data required in paragraph 1b relative to materials and supplies, a final labor summary of all contract work indicating the total hours worked and the total amount earned.
- 2. At the prime contractor's option, either a single report covering all contract work or separate reports for the contractor and for each subcontract shall be submitted.

#### **VII. SUBLETTING OR ASSIGNING THE CONTRACT**

- 1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the State. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635).

- a. "Its own organization" shall be construed to include only workers employed and paid directly by the prime contractor and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor, assignee, or agent of the prime contractor.
  - b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid on the contract as a whole and in general are to be limited to minor components of the overall contract.
2. The contract amount upon which the requirements set forth in paragraph 1 of Section VII is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.
3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the SHA contracting officer determines is necessary to assure the performance of the contract.
4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the SHA contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the SHA has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

#### **VIII. SAFETY: ACCIDENT PREVENTION**

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the SHA contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.
2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

**IX. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS**

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, the following notice shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

**NOTICE TO ALL PERSONNEL ENGAGED ON FEDERAL-AID HIGHWAY  
PROJECTS**

18 U.S.C. 1020 reads as follows:

*"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or*

*Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or*

*Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;*

*Shall be fined not more than \$10,000 or imprisoned not more than 5 years or both."*

**X. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$100,000 or more.)

By submission of this bid or the execution of this contract, or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.
2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.
3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.
4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section X in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

**XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

**1. Instructions for Certification - Primary Covered Transactions:**

(Applicable to all Federal-aid contracts - 49 CFR 29)

- a. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

- c. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.
- d. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations.
- f. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
- g. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
- h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the "Lists of Parties Excluded From Federal Procurement or Nonprocurement Programs" (Nonprocurement List) which is compiled by the General Services Administration.
- i. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

- j. Except for transactions authorized under paragraph f of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

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**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-  
-Primary Covered Transactions**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1b of this certification; and
  - d. Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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**2. Instructions for Certification - Lower Tier Covered Transactions:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions of \$25,000 or more - 49 CFR 29)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "primary covered transaction," "participant," "person," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

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**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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**XII. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

(Applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 - 49 CFR 20)

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:
  - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
3. The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

## **ATTACHMENT A - EMPLOYMENT PREFERENCE FOR APPALACHIAN CONTRACTS**

(Applicable to Appalachian contracts only.)

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:
  - a. To the extent that qualified persons regularly residing in the area are not available.
  - b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.
  - c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph 1c shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph 4 below.
2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which he estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, he shall promptly notify the State Employment Service.
3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.
4. If, within 1 week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph 1c above.
5. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**AMENDMENT  
REQUIRED CONTRACT PROVISIONS  
FEDERAL-AID CONSTRUCTION CONTRACTS**  
(Exclusive of Appalachian Contracts)

Section I, **General**, is supplemented with the following:

7. Section 902 of the American Recovery and Reinvestment Act (ARRA) of 2009 requires that each contract awarded using ARRA funds must include a provision that provides the U.S. Comptroller General and his representatives with the authority to:
  - “(1) to examine any records of the contractor or any of its subcontractors, or any State or local agency administering such contract, that directly pertain to, and involve transactions relating to, the contract or subcontract; and
  - (2) to interview any officer or employee of the contractor or any of its subcontractors, or of any State or local government agency administering the contract, regarding such transactions.”

The Contractor shall include the following provision in all contracts, subcontracts, and other contracts for services for an ARRA funded project:

“Accordingly, the Comptroller General and his representatives shall have the authority and rights as provided under Section 902 of the ARRA with respect to this contract, which is funded with funds made available under the ARRA. Section 902 further states that nothing in this section shall be interpreted to limit or restrict in any way any existing authority of the Comptroller General.”

“Section 1515(a) of the ARRA provides authority for any representatives of the Inspector General to examine any records or interview any employee or officers working on this contract. The contractor is advised that representatives of the inspector general have the authority to examine any record and interview any employee or officer of the contractor, its subcontractors or other firms working on this contract. Section 1515(b) further provides that nothing in this section shall be interpreted to limit or restrict in any way any existing authority of an inspector general.”

Under Section II, Paragraph 8b is revised as follows:

The reference to 49 CFR 23 is revised to read 49 CFR 26.

Under Section II, Paragraph 8b is supplemented with the following:

The contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of USDOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

Under Section II, in accordance with standard specification 1-08.1(1) and applicable RCWs a new paragraph 8d is added as follows:

The contractor or subcontractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract and/or agreement no later than ten (10) days from the receipt of each payment the prime contractor receives from WSDOT or its sub-recipients. The prime contractor agrees further to return retainage payments to each subcontractor within ten (10) days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the WSDOT. This clause covers both DBE and non-DBE contractors.

Under Section IV, the applicability statement is supplemented with the following:

(Applicable to all ARRA funded construction contracts and related subcontracts regardless of location, including projects on local roads or rural minor collectors, and Transportation Enhancement projects outside the highway right-of-way.)

Under Section IV, Paragraph 2b(4) is deleted.

Under Section IV, Paragraph 4, "and helpers" is deleted from the title.

Under Section IV, Paragraph 4a(1), add:

The provisions in this section allowing apprentices to work at less than the predetermined rate when they are registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, or with the Bureau of Apprenticeship and Training, does not preclude a requirement for the Contractor to pay apprentices the full applicable predetermined rate in the event a State Apprenticeship Agency, recognized by the Bureau, has not approved, or withdraws approval, of an apprenticeship program.

Under Section IV, Paragraph 4c is deleted.

Under Section IV, Paragraph 6 is revised by deleting "helpers" and "helper".

Under Section IV, Paragraph 7 is revised by deleting "helpers".

Under Section V, the applicability statement is supplemented with the following:

(Applicable to all ARRA funded construction contracts and related subcontracts regardless of location, including projects on local roads or rural minor collectors, and Transportation Enhancement projects outside the highway right-of-way.)

Under Section V, Paragraph 2a is revised by deleting "helpers".

Under Section V, Paragraph 2b, the first sentence is revised to read:

"The payroll records shall contain the name and an individually identifying number (e.g., the last four digits of the employees social security number) for each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. Payrolls shall not include the full social security number and home address of covered workers. Contractors and subcontractors shall maintain the full social security number and home address of each covered worker and shall provide them to the SHA upon request."

Under Section V, Paragraph 2d(2) is revised by deleting "helper".

Section VI, Records Of Material, Supplies, And Labor, is deleted





# Monthly Employment Report

## Coding Instructions

- BOX 1      **Report month:** The month and year covered by the report, as *mmyy* e.g. May 2009” would be coded as “0509”.
- BOX 2      **Contracting agency:** The name of the contracting agency. Leave blank for state projects. For non-state projects, enter the name of the contracting agency (federal agency, tribe, MPO, city, county, etc.).
- BOX 3      **Federal-aid project number:** The state assigned federal-aid project number.
- BOX 4      **State project number or agency identification number:** The state or local agency assigned project number or ID.
- BOX 5      **Project location:** State, county, or city where project occurs. If the project performed for federal lands, provide the region name.
- BOX 6      **Contractor name and address:** The name and address of firm shall include the name, street address, city, state, and zip code for the contractor.
- BOX 7      **Contractor DUNS number:** The unique nine-digit number issued by Dun & Bradstreet. Followed by the optional 4 digit DUNS Plus number. Leave blank if contractor does not have one. Reported as “999999999.9999”.
- BOX 8      Employment Data  
**Subcontractor name:** The name of each subcontractor that was active on the project for the reporting month.  
**Employees:** The number of employees on the contractor’s workforce that month, and the number of employees for each of the active subcontractors that month. Do not include material suppliers. Total field at bottom will be automatically calculated. Reported as a whole number.  
**Hours:** The total hours on the specified project for all employees on the contractor’s workforce that month, and the total hours for all employees for each of the active subcontractors that month. Total field at bottom will be automatically calculated. Reported as a whole number.  
**Payroll:** The total dollar amount of wages paid by the contractor that month for employees on the specified project, and the total dollar amount of wages paid by each of the active subcontractors that month. Total field at bottom will be automatically calculated. Rounded to the nearest whole dollar and reported as a whole number.
- BOX 9      Prepared by:  
**Name:** Indicate the person responsible for preparation of the form. By completing the form the person certifies that they are knowledgeable of the hours worked and employment status for all the employees. Contractors are responsible to maintain data to support the employment form and make it available to the state should they request supporting materials.  
**Date:** The date that the contractor completed the employment form. Reported as “mmddyy”.



## **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.



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 03-04-2009**

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 (See Benefit Code Key)

Classification	PREVAILING WAGE	Over Time Code	Holiday Code	Note Code
<b>ASBESTOS ABATEMENT WORKERS</b>				
JOURNEY LEVEL	\$30.41	1M	5D	
<b>BOILERMAKERS</b>				
JOURNEY LEVEL	\$53.37	1C	5N	
<b>BRICK AND MARBLE MASONS</b>				
JOURNEY LEVEL	\$37.52	2M	5A	
<b>CABINET MAKERS (IN SHOP)</b>				
JOURNEY LEVEL	\$8.55	1		
<b>CARPENTERS</b>				
CARPENTER	\$36.28	1B	5A	8N
MILLWRIGHT AND MACHINE ERECTORS	\$38.28	1B	5A	8N
PILEDRIIVER/CARPENTER	\$36.28	1B	5A	8N
PILEDRIIVER/DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING, OR CREOSOTE TREATED MATERIAL ON ALL PILING	\$36.55	1B	5A	8N
<b>CEMENT MASONS</b>				
JOURNEY LEVEL	\$33.81	1N	5D	
<b>DIVERS &amp; TENDERS</b>				
DIVER	\$71.05	1B	5A	8A
DIVER ON STANDBY	\$39.62	1B	5A	
DIVER TENDER	\$39.30	1B	5A	
DIVING MASTER	\$47.95	1B	5A	
SURFACE RCV & ROV OPERATOR	\$39.30	1B	5A	
SURFACE RCV & ROV OPERATOR TENDER	\$37.55	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	\$8.55	1		
<b>ELECTRICIANS - INSIDE</b>				
CABLE SPLICER	\$49.93	1D	5M	
CONSTRUCTION STOCK PERSON	\$24.71	1D	5M	
JOURNEY LEVEL	\$46.52	1D	5M	
<b>ELECTRICIANS - MOTOR SHOP</b>				
CRAFTSMAN	\$15.37	2A	6C	

**GRANT COUNTY**  
**EFFECTIVE 03-04-2009**

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(See Benefit Code Key)

Classification	PREVAILING WAGE	Over		Note Code
		Time Code	Holiday Code	
JOURNEY LEVEL	\$14.69	2A	6C	
<b>ELECTRICIANS - POWERLINE CONSTRUCTION</b>				
CABLE SPLICER	\$58.36	4A	5A	
CERTIFIED LINE WELDER	\$53.30	4A	5A	
GROUNDPERSON	\$38.14	4A	5A	
HEAD GROUNDPERSON	\$40.25	4A	5A	
HEAVY LINE EQUIPMENT OPERATOR	\$53.30	4A	5A	
JACKHAMMER OPERATOR	\$40.25	4A	5A	
JOURNEY LEVEL LINEPERSON	\$53.30	4A	5A	
LINE EQUIPMENT OPERATOR	\$45.14	4A	5A	
POLE SPRAYER	\$53.30	4A	5A	
POWDERPERSON	\$40.25	4A	5A	
<b>ELECTRONIC TECHNICIANS</b>				
ELECTRONIC TECHNICIANS JOURNEY LEVEL	\$17.31	1		
<b>ELEVATOR CONSTRUCTORS</b>				
MECHANIC	\$64.81	4A	6Q	
MECHANIC IN CHARGE	\$70.60	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	\$26.01	1		
<b>GLAZIERS</b>				
JOURNEY LEVEL	\$24.04	1K	5A	
<b>HEAT &amp; FROST INSULATORS AND ASBESTOS WORKERS</b>				
MECHANIC	\$18.36	1		
<b>HEATING EQUIPMENT MECHANICS</b>				
MECHANIC	\$27.68	1		
<b>HOD CARRIERS &amp; MASON TENDERS</b>				
JOURNEY LEVEL	\$32.19	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	\$45.89	1O	5A	
<b>LABORERS</b>				
ASPHALT RAKER	\$30.95	1M	5D	
ASPHALT ROLLER, WALKING	\$30.68	1M	5D	
BRUSH HOG FEEDER	\$30.41	1M	5D	
BRUSH MACHINE	\$30.95	1M	5D	

**GRANT COUNTY**  
**EFFECTIVE 03-04-2009**

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Classification	PREVAILING WAGE	(See Benefit Code Key)		Note Code
		Over Time Code	Holiday Code	
CARPENTER TENDER	\$30.41	1M	5D	
CASSION WORKER	\$30.95	1M	5D	
CEMENT FINISHER TENDER	\$30.68	1M	5D	
CEMENT HANDLER	\$30.41	1M	5D	
CHAIN SAW OPERATOR AND FALLER	\$30.95	1M	5D	
CLEAN-UP LABORER	\$30.41	1M	5D	
CONCRETE CREWMAN	\$30.41	1M	5D	
CONCRETE SAW, WALKING	\$30.68	1M	5D	
CONCRETE SIGNALMAN	\$30.41	1M	5D	
CONCRETE STACK	\$30.95	1M	5D	
CRUSHER FEEDER	\$30.41	1M	5D	
DEMOLITION	\$30.41	1M	5D	
DEMOLITION TORCH	\$30.68	1M	5D	
DOPE POT FIREMAN	\$30.68	1M	5D	
DRILL HELPER, WHEN REQUIRED TO MOVE AND POSITON MACHINERY	\$30.68	1M	5D	
DRILL WITH DUAL MASTS	\$31.23	1M	5D	
DRILL, AIR TRACT	\$30.95	1M	5D	
DRILLS, WAGON	\$30.68	1M	5D	
DUMPMAN	\$30.41	1M	5D	
EROSION CONTROL WORKER	\$30.41	1M	5D	
FINAL DETAIL CLEANUP (i.e., dusting, vacuuming, window cleaning; NOT construction debris cleanup)	\$28.31	1M	5D	
FIRE WATCH	\$30.41	1M	5D	
FORM CLEANING MACHINE FEEDER, STACKER	\$30.41	1M	5D	
FORM SETTER, PAVING	\$30.68	1M	5D	
GENERAL LABORER	\$30.41	1M	5D	
GRADE CHECKER USING LEVEL, OPTIONAL	\$32.94	1M	5D	
GROUT MACHINE HEADER TENDER	\$30.41	1M	5D	
GUARDRAIL ERECTOR	\$30.41	1M	5D	
GUNITE NOZZLEMAN	\$30.95	1M	5D	
HAZARDOUS WASTE WORKER LEVEL A	\$31.23	1M	5D	
HAZARDOUS WASTE WORKER LEVEL B	\$30.95	1M	5D	
HAZARDOUS WASTE WORKER LEVEL C	\$30.68	1M	5D	
HAZARDOUS WASTE WORKER LEVEL D	\$30.41	1M	5D	
HIGH SCALER	\$30.95	1M	5D	
JACKHAMMER	\$30.68	1M	5D	
LASER BEAM OPERATOR	\$30.95	1M	5D	
MINER, CLASS "A"	\$30.41	1M	5D	
MINER, CLASS "B"	\$30.68	1M	5D	
MINER, CLASS "C"	\$30.95	1M	5D	
MINER, CLASS "D"	\$31.23	1M	5D	
MONITOR OPERATOR, AIR TRACK, OR SIMILAR	\$30.95	1M	5D	
MORTAR MIXER	\$30.95	1M	5D	
NIPPER	\$30.41	1M	5D	
NOZZLEMAN, TO INCLUDE JET BLASTING	\$30.95	1M	5D	
NOZZLEMAN, TO INCLUDE SQUEEZE AND FLOW-CRETE	\$30.68	1M	5D	
NOZZLEMAN, WATER, AIR OR STEAM	\$30.68	1M	5D	
PAVEMENT BREAKER, 90 LBS & OVER	\$30.95	1M	5D	
PAVEMENT BREAKER, UNDER 90 LBS	\$30.68	1M	5D	
PIPE, WATER LINER	\$30.68	1M	5D	
PIPELAYER, CORRUGATED METAL CULVERT	\$30.68	1M	5D	
PIPELAYER, MULTI PLATE	\$30.68	1M	5D	

**GRANT COUNTY**  
**EFFECTIVE 03-04-2009**

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(See Benefit Code Key)

Classification	PREVAILING WAGE	Over		Note Code
		Time Code	Holiday Code	
PIPELAYER, TO INCLUDE WORKING TOPMAN	\$30.95	1M	5D	
PIPEWRAPPER	\$30.95	1M	5D	
PLASTERER TENDER	\$30.95	1M	5D	
POT TENDER	\$30.68	1M	5D	
POWDERMAN	\$32.60	1M	5D	
POWDERMAN HELPER	\$30.68	1M	5D	
POWER BUGGY OPERATOR	\$30.68	1M	5D	
POWER TOOL OPERATOR (GAS, ELECTRIC OR PNEUMATIC)	\$30.68	1M	5D	
RAILROAD POWER SPIKER OR PULLER, DUAL MOBILE	\$30.68	1M	5D	
RIPRAP PERSON	\$30.41	1M	5D	
RODDER & SPREADER	\$30.68	1M	5D	
SCAFFOLD ERECTOR, WOOD OR STEEL	\$30.41	1M	5D	
STAKE JUMPER	\$30.41	1M	5D	
STRUCTURAL MOVER	\$30.41	1M	5D	
TAILHOSEMAN, SANDBLAST	\$30.41	1M	5D	
TAILHOSEMAN, WATER NOZZLE	\$30.41	1M	5D	
TAMPER	\$30.68	1M	5D	
TIMBER BUCKER & FALLER (BY HAND)	\$30.41	1M	5D	
TRACK LABORER	\$30.41	1M	5D	
TRENCHER, SHAWNEE	\$30.68	1M	5D	
TRUCK LOADER	\$30.41	1M	5D	
TUGGER OPERATOR	\$30.68	1M	5D	
VIBRATOR	\$30.95	1M	5D	
WELDER (ELECTRIC, MANUAL OR AUTOMATIC)	\$31.23	1M	5D	
WELL-POINT MAN	\$30.41	1M	5D	
WHEELBARROW, POWER DRIVEN	\$30.68	1M	5D	
<b>LABORERS - UNDERGROUND SEWER &amp; WATER</b>				
GENERAL LABORER	\$30.41	1M	5D	
PIPE LAYER	\$30.95	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	\$35.61	1B	5A	8N
<b>METAL FABRICATION (IN SHOP)</b>				
FITTER/WELDER	\$10.79	1		
PAINTER	\$8.55	1		
<b>PAINTERS</b>				
JOURNEY LEVEL	\$28.02	1W	6Z	
<b>PLASTERERS</b>				
JOURNEY LEVEL	\$10.00	1		
<b>PLAYGROUND &amp; PARK EQUIPMENT INSTALLERS</b>				
JOURNEY LEVEL	\$8.55	1		
<b>PLUMBERS &amp; PIPEFITTERS</b>				
JOURNEY LEVEL	\$57.74	1Q	5A	
<b>POWER EQUIPMENT OPERATORS</b>				
A-FRAME TRUCK (2 OR MORE DRUMS)	\$34.49	1M	5D	8D
A-FRAME TRUCK (SINGLE DRUM)	\$33.88	1M	5D	8D
ASPHALT PLANT OPERATOR	\$35.09	1M	5D	8D
ASSISTANT PLANT FIREMAN OR PUGMIXER	\$33.88	1M	5D	8D
ASSISTANT REFRIGERATION PLANT & CHILLER (OVER 1000 TONS)	\$34.49	1M	5D	8D

**GRANT COUNTY**  
**EFFECTIVE 03-04-2009**

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Classification	PREVAILING WAGE	(See Benefit Code Key)		
		Over Time Code	Holiday Code	Note Code
ASSISTANT REFRIGERATION PLANT (UNDER 1000 TON)	\$33.88	1M	5D	8D
AUTOMATIC SUBGRADER (DITCHES & TRIMMERS)	\$35.09	1M	5D	8D
BACKFILLERS (CLEVELAND & SIMILAR)	\$34.49	1M	5D	8D
BACKHOE & HOE RAM ( UNDER 3/4 YARD)	\$34.81	1M	5D	8D
BACKHOE & HOE RAM (3/4 - 3 YD)	\$35.09	1M	5D	8D
BACKHOE (45,000 GW & UNDER)	\$34.81	1M	5D	8D
BACKHOE (45,000 GW TO 110,000 GW)	\$35.09	1M	5D	8D
BACKHOE (OVER 110,000 GW)	\$35.36	1M	5D	8D
BACKHOE, (3 YD & OVER)	\$35.36	1M	5D	8D
BATCH & WET MIX (MULTIPLE UNITS)	\$35.09	1M	5D	8D
BATCH PLANT & WET MIX (SINGLE UNIT)	\$34.49	1M	5D	8D
BATCH PLANT (OVER 4 UNITS)	\$35.09	1M	5D	8D
BELT FINISHING MACHINE	\$33.88	1M	5D	8D
BELT-CRETE CONVEYORS WITH POWER PACK	\$34.49	1M	5D	8D
BENDING MACHINE	\$34.49	1M	5D	8D
BIT GRINDERS	\$33.56	1M	5D	8D
BLADE (FINISH & BLUETOP) (AUTOMATIC, CMI, ABC)	\$35.36	1M	5D	8D
BLADE (FINISH ATHEY & HUBER)	\$35.36	1M	5D	8D
BLADE (MOTOR PATROL & ATTACHMENTS)	\$35.09	1M	5D	8D
BLOWER OPERATOR (CEMENT)	\$33.88	1M	5D	8D
BOAT OPERATORS	\$33.01	1M	5D	8D
BOBCAT (SKID STEER)	\$34.49	1M	5D	8D
BOLT THREADING MACHINE	\$33.56	1M	5D	8D
BOOM CATS (SIDE)	\$35.09	1M	5D	8D
BORING MACHINE (EARTH)	\$34.49	1M	5D	8D
BORING MACHINE (ROCK)	\$34.49	1M	5D	8D
BUMP CUTTER (WAYNE, SAGINAU OR SIMILAR)	\$34.49	1M	5D	8D
CABLEWAY CONTROLLER (DISPATCHER )	\$35.09	1M	5D	8D
CABLEWAY OPERATORS	\$35.36	1M	5D	8D
CANAL LINING MACHINE (CONCRETE)	\$34.49	1M	5D	8D
CARRYDECK & BOOM TRUCK	\$34.81	1M	5D	8D
CEMENT HOG	\$33.88	1M	5D	8D
CHIPPER (WITHOUT CRANE)	\$34.49	1M	5D	8D
CLEANING & DOPING MACHINE (PIPELINE)	\$34.49	1M	5D	8D
COMPACTOR, SELF PROPELLED WITH BLADE	\$35.09	1M	5D	8D
COMPRESSORS (OVER 2000 CFM, 2 OR MORE)	\$33.88	1M	5D	8D
COMPRESSORS (UNDER 2000 CFM, GAS, DIESEL)	\$33.56	1M	5D	8D
CONCRETE CLEANING/DECONTAMINATION MACHINE OPERATOR	\$35.36	1M	5D	8D
CONCRETE PUMP BOOM TRUCK	\$35.09	1M	5D	8D
CONCRETE PUMPS (SQUEEZE-CRETE, FLOW-CRETE)	\$34.65	1M	5D	8D
CONCRETE SAW (MULTIPLE CUT)	\$33.88	1M	5D	8D
CONCRETE SLIP FORM PAVER	\$35.09	1M	5D	8D
CRANES, 25 TON & UNDER	\$34.81	1M	5D	8D
CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$35.09	1M	5D	8D
CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$35.59	1M	5D	8D
CRANES, OVER 25 TON, TO & INCLUDING 45 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$35.89	1M	5D	8D
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$35.36	1M	5D	8D
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$35.84	1M	5D	8D

# GRANT COUNTY

EFFECTIVE 03-04-2009

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(See Benefit Code Key)

Classification	PREVAILING WAGE	Over		
		Time Code	Holiday Code	Note Code
CRANES, OVER 45 TON, TO & INCLUDING 85 TON, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$36.16	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE	\$36.46	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (180' TO 250' BOOM)	\$36.96	1M	5D	8D
CRANES, 85 TON & OVER AND ALL CLIMBING, OVERHEAD, RAIL & TOWER, ALL ATTACHMENTS INCL. CLAMSHELL AND DRAGLINE (OVER 250' BOOM)	\$37.26	1M	5D	8D
CRUSHER FEEDERMAN	\$33.01	1M	5D	8D
CRUSHER, GRIZZLE & SCREENING PLANT	\$35.09	1M	5D	8D
DECK ENGINEER	\$34.49	1M	5D	8D
DECK HAND	\$33.56	1M	5D	8D
DERRICKS & STIFFLEGS ( UNDER 65 TON)	\$34.81	1M	5D	8D
DERRICKS & STIFFLEGS (65 TON & OVER)	\$35.36	1M	5D	8D
DISTRIBUTOR LEVERMAN	\$33.88	1M	5D	8D
DITCH WITCH OR SIMILAR	\$33.88	1M	5D	8D
DOPE POTS (POWER AGITATED)	\$33.88	1M	5D	8D
DOZER, 834 R/T & SIMILAR	\$35.09	1M	5D	8D
DOZER, MULTIPLE UNITS WITH SINGLE BLADE	\$35.09	1M	5D	8D
DRILL DOCTOR	\$35.09	1M	5D	8D
DRILLERS HELPER	\$33.56	1M	5D	8D
DRILLING EQUIPMENT (8 INCH BIT & OVER)	\$34.81	1M	5D	8D
DRILLS (CHURN, CORE, CALYX OR DIAMOND)	\$34.65	1M	5D	8D
ELEVATING BELT (HOLLAND TYPE)	\$35.36	1M	5D	8D
ELEVATOR HOISTING MATERIALS	\$33.88	1M	5D	8D
EQUIPMENT SERVICEMAN, GREASER AND OILER	\$34.65	1M	5D	8D
FIREMAN & HEATER TENDER	\$33.56	1M	5D	8D
FORK LIFT OR LUMBER STACKER, HYDRA-LIFT	\$33.88	1M	5D	8D
GENERATOR PLANT ENGINEERS (DIESEL, ELECTRIC)	\$34.49	1M	5D	8D
GIN TRUCKS (PIPELINE)	\$33.88	1M	5D	8D
GRADE CHECKER	\$34.81	1M	5D	8D
GUNITE COMBINATION MIXER & COMPRESSOR	\$34.49	1M	5D	8D
H.D. MECHANIC	\$35.36	1M	5D	8D
H.D. WELDER	\$35.36	1M	5D	8D
HEAVY EQUIPMENT ROBOTICS OPERATOR	\$35.36	1M	5D	8D
HELICOPTER PILOT	\$36.46	1M	5D	8D
HELPER, OF H.D. MECHANIC & H.D. WELDER	\$33.01	1M	5D	8D
HOE RAM	\$34.81	1M	5D	8D
HOIST (2 OR MORE DRUMS OR TOWER HOIST)	\$34.65	1M	5D	8D
HOIST (SINGLE-DRUM)	\$33.88	1M	5D	8D
HYDRO SEEDER, MULCHER, NOZZLEMAN	\$33.56	1M	5D	8D
LOADER (360 DEGREES REVOLVING KOEHRING)	\$35.36	1M	5D	8D
LOADER, BELT (KOCAL OR SIMILAR)	\$34.49	1M	5D	8D
LOADER, ELEVATING BELT-TYPE (EUCLID, BARBER)	\$34.49	1M	5D	8D
LOADER, ELEVATING GRADER TYPE (DUMOR, ADAMS)	\$34.49	1M	5D	8D
LOADERS (BUCKET, ELEVATOR & CONVEYORS)	\$33.88	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( UNDER 4 YD)	\$34.65	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( 4 - 8 YD)	\$35.09	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END ( 8 - 10 YD)	\$35.36	1M	5D	8D
LOADERS, OVERHEAD/FRONT-END (10 YD & OVER)	\$36.46	1M	5D	8D
LOCOMOTIVE ENGINEER	\$34.49	1M	5D	8D

**GRANT COUNTY**  
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Classification	PREVAILING WAGE	(See Benefit Code Key)		
		Over Time Code	Holiday Code	Note Code
LONGITUDINAL FLOAT	\$33.88	1M	5D	8D
MASTER ENVIRONMENTAL MAINTENANCE TECHNICIAN	\$35.36	1M	5D	8D
MIXER (PORTABLE-CONCRETE)	\$33.88	1M	5D	8D
MIXERMOBILE	\$34.49	1M	5D	8D
MUCKING MACHINE	\$34.49	1M	5D	8D
OILER	\$33.01	1M	5D	8D
OILER DRIVER & CABLE TENDER, MUCKING MACHINE	\$33.56	1M	5D	8D
PAVE OR CURB EXTRUDER ASPHALT & CONCRETE	\$34.65	1M	5D	8D
PAVEMENT BREAKER, HYDRAHAMMER & SIMILAR	\$33.88	1M	5D	8D
PAVING (DUAL DRUM)	\$34.81	1M	5D	8D
PAVING MACHINE (ASPHALT OR CONCRETE)	\$35.09	1M	5D	8D
PILEDIVING ENGINEERS	\$34.81	1M	5D	8D
POSTHOLE AUGER OR PUNCH	\$34.49	1M	5D	8D
POWER BROOM	\$33.88	1M	5D	8D
PROBE TENDER (ROTO-MILL)	\$33.88	1M	5D	8D
PUMP (GROUT OR JET)	\$34.49	1M	5D	8D
PUMP OPERATOR (WATER)	\$33.56	1M	5D	8D
QUAD-TRACK OR SIMILAR EQUIPMENT	\$35.09	1M	5D	8D
RAILROAD BALLAST REGULATION SELF-PROPELLED	\$33.88	1M	5D	8D
RAILROAD POWER TAMPER (SELF-PROPELLED)	\$33.88	1M	5D	8D
RAILROAD POWER TAMPER JACK (SELF-PROPELLED)	\$33.88	1M	5D	8D
RAILROAD TRACK LINER OPERATOR (SELF-PROPELLED)	\$34.81	1M	5D	8D
REFRIGERATION PLANT ENGINEER (1000 TONS & OVER)	\$34.81	1M	5D	8D
REFRIGERATION PLANT ENGINEERS (UNDER 1000 TONS)	\$34.65	1M	5D	8D
ROLLER OPERATOR (FINISHING PAVEMENT)	\$35.09	1M	5D	8D
ROLLERS, ALL TYPES ON SUBGRADE (FARM TYPE)	\$33.56	1M	5D	8D
ROTO-MILL PAVEMENT PROFILER	\$35.09	1M	5D	8D
SCRAPER, BAGLEY OR STATIONARY	\$33.88	1M	5D	8D
SCRAPERS, ALL, RUBBER-TIRED	\$35.09	1M	5D	8D
SCRAPERS, RUBBER-TIRED (MULTI-ENGINE WITH 3 OR MORE SCRAPERS)	\$35.36	1M	5D	8D
SCREED OPERATOR	\$35.09	1M	5D	8D
SHOVELS, (3 YD & OVER)	\$35.36	1M	5D	8D
SHOVELS, (UNDER 3 YD)	\$35.09	1M	5D	8D
SIGNALMEN (WHIRLEYS, HIGHLINE, HAMMERHEADS)	\$34.81	1M	5D	8D
SKIDDER, RUBBER-TIRED (R/T, WITH OR WITHOUT ATTACHMENTS)	\$34.65	1M	5D	8D
SOIL STABILIZER (P & H OR SIMILAR)	\$34.49	1M	5D	8D
SPRAY CURING MACHINE-CONCRETE	\$33.88	1M	5D	8D
SPREADER BOX (SELF-PROPELLED)	\$33.88	1M	5D	8D
SPREADER MACHINE	\$34.49	1M	5D	8D
STEAM CLEANER	\$33.01	1M	5D	8D
STRADDLE BUGGY (ROSS & SIMILAR)	\$33.88	1M	5D	8D
SURFACE HEATER & PLANNER MACHINE	\$34.65	1M	5D	8D
TRACTOR, FARM-TYPE R/T WITH ATTACHMENTS	\$33.88	1M	5D	8D
TRACTOR, TO D-6 OR EQUIVALENT & OVER	\$35.09	1M	5D	8D
TRACTOR, TO D-6 OR EQUIVALENT & TRAXCAVATOR	\$34.49	1M	5D	8D
TRAVERSE FINISHING MACHINE	\$34.49	1M	5D	8D
TRENCHING MACHINES (7 FT DEPTH & OVER)	\$35.09	1M	5D	8D
TRENCHING MACHINES (UNDER 7 FT DEPTH)	\$34.65	1M	5D	8D
TUG BOAT OPERATOR	\$35.09	1M	5D	8D
TUGGER OPERATOR	\$33.88	1M	5D	8D
TURNHEAD (WITH RE-SCREENING)	\$34.65	1M	5D	8D

**GRANT COUNTY**  
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(See Benefit Code Key)

Classification	PREVAILING WAGE	Over		
		Time Code	Holiday Code	Note Code
TURNHEAD OPERATOR	\$34.49	1M	5D	8D
ULTRA HIGH PRESSURE WATERJET CUTTING TOOL SYSTEM OPERATOR (30,000 PSI)	\$35.36	1M	5D	8D
VACTOR GUZZLER, SUPER SUCKER	\$35.09	1M	5D	8D
VACUUM BLASTING MACHINE OPERATOR	\$35.36	1M	5D	8D
VACUUM DRILL (REVERSE CIRCULATION DRILL)	\$34.65	1M	5D	8D
WELDING MACHINES	\$33.56	1M	5D	8D
WHIRLEYS & HAMMERHEADS, ALL	\$35.36	1M	5D	8D
<b>POWER EQUIPMENT OPERATORS- UNDERGROUND SEWER &amp; WATER</b> (SEE POWER EQUIPMENT OPERATORS)				
<b>POWER LINE CLEARANCE TREE TRIMMERS</b>				
JOURNEY LEVEL IN CHARGE	\$39.29	4A	5A	
SPRAY PERSON	\$37.21	4A	5A	
TREE EQUIPMENT OPERATOR	\$37.81	4A	5A	
TREE TRIMMER	\$35.18	4A	5A	
TREE TRIMMER GROUNDPERSON	\$26.55	4A	5A	
<b>REFRIGERATION &amp; AIR CONDITIONING MECHANICS</b>				
MECHANIC	\$57.74	1Q	5A	
<b>RESIDENTIAL BRICK &amp; MARBLE MASONS</b>				
JOURNEY LEVEL	\$37.52	2M	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	\$15.20	1		
<b>RESIDENTIAL PAINTERS</b>				
JOURNEY LEVEL	\$12.00	1		
<b>RESIDENTIAL PLUMBERS &amp; PIPEFITTERS</b>				
JOURNEY LEVEL	\$28.20	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		
<b>RESIDENTIAL TERRAZZO/TILE FINISHERS</b>				
JOURNEY LEVEL	\$17.00	1		
<b>ROOFERS</b>				
JOURNEY LEVEL	\$21.27	1		
<b>SHEET METAL WORKERS</b>				
JOURNEY LEVEL (FIELD OR SHOP)	\$42.27	1B	5I	
<b>SIGN MAKERS &amp; INSTALLERS (ELECTRICAL)</b>				
JOURNEY LEVEL	\$47.65	1E	5B	
<b>SIGN MAKERS &amp; INSTALLERS (NON-ELECTRICAL)</b>				
JOURNEY LEVEL	\$14.65	1		

# GRANT COUNTY

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Classification	PREVAILING WAGE	(See Benefit Code Key)		
		Over Time Code	Holiday Code	Note Code
<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	\$45.35	1R	5Q	
<b>STAGE RIGGING MECHANICS (NON STRUCTURAL)</b>				
JOURNEY LEVEL	\$13.23	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	\$31.46	2B	5A	
HOLE DIGGER/GROUND PERSON	\$17.58	2B	5A	
INSTALLER (REPAIRER)	\$30.17	2B	5A	
JOURNEY LEVEL TELEPHONE LINEPERSON	\$29.26	2B	5A	
SPECIAL APPARATUS INSTALLER I	\$31.46	2B	5A	
SPECIAL APPARATUS INSTALLER II	\$30.82	2B	5A	
TELEPHONE EQUIPMENT OPERATOR (HEAVY)	\$31.46	2B	5A	
TELEPHONE EQUIPMENT OPERATOR (LIGHT)	\$29.26	2B	5A	
TELEVISION LINEPERSON/INSTALLER	\$22.19	2B	5A	
TELEVISION SYSTEM TECHNICIAN	\$26.42	2B	5A	
TELEVISION TECHNICIAN	\$23.76	2B	5A	
TREE TRIMMER	\$29.26	2B	5A	
<b>TERRAZZO WORKERS &amp; TILE SETTERS</b>				
JOURNEY LEVEL	\$29.88	2M	5A	
<b>TILE, MARBLE &amp; TERRAZZO FINISHERS</b>				
FINISHER	\$25.80	2M	5A	
<b>TRAFFIC CONTROL STRIPERS</b>				
JOURNEY LEVEL	\$37.90	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		



**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 Contract 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**

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

**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 03/04/2009**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>ADAMS, ASOTIN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, KITTITAS            LINCOLN, OKANOGAN, PEND ORIELLE, STEVENS, WALLA WALLA AND WHITMAN</b>			
FITTER/WELDER	\$12.76	1	
LABORER	\$8.55	1	
MACHINE OPERATOR	\$12.66	1	
PAINTER	\$10.20	1	
Counties Covered: <b>BENTON</b>			
MACHINE OPERATOR	\$10.53	1	
PAINTER	\$9.76	1	
WELDER	\$16.70	1	
Counties Covered: <b>CHELAN</b>			
FITTER	\$15.04	1	
LABORER	\$9.54	1	
MACHINE OPERATOR	\$9.71	1	
PAINTER	\$9.93	1	
WELDER	\$12.24	1	
Counties Covered: <b>CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, LEWIS, MASON, PACIFIC            SAN JUAN AND SKAGIT</b>			
FITTER/WELDER	\$15.16	1	
LABORER	\$11.13	1	
MACHINE OPERATOR	\$10.66	1	
PAINTER	\$11.41	1	

**METAL FABRICATION (IN SHOP)  
EFFECTIVE 03/04/2009**

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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
MACHINE OPERATOR	\$28.77	1E	6H
PAINTER	\$25.31	1E	6H
WELDER	\$26.89	1E	6H
LAYEROUT	\$28.77	1E	6H
Counties Covered: <b>COWLITZ</b>			
MACHINE OPERATOR	\$24.65	1B	6V
FITTER	\$24.65	1B	6V
WELDER	\$24.65	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 03/04/2009**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
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Counties Covered:

**KLICKITAT, SKAMANIA, WAHKIAKUM**

FITTER/WELDER	\$16.99	1	
LABORER	\$10.44	1	
MACHINE OPERATOR	\$17.21	1	
PAINTER	\$17.03	1	

Counties Covered:

**PIERCE**

FITTER	\$15.25	1	
LABORER	\$10.32	1	
MACHINE OPERATOR	\$13.98	1	
WELDER	\$13.98	1	

Counties Covered:

**SNOHOMISH**

FITTER/WELDER	\$15.38	1	
LABORER	\$9.79	1	
MACHINE OPERATOR	\$8.84	1	
PAINTER	\$9.98	1	

Counties Covered:

**SPOKANE**

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 03/04/2009**

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(See Benefit Code Key)

Classification Code	Prevailing Wage	Overtime Code	Holiday Code
Counties Covered: <b>THURSTON</b>			
FITTER	\$26.24	1A	6T
LABORER	\$16.42	1A	6T
MACHINE OPERATOR	\$20.23	1A	6T
LAYEROUT	\$28.56	1A	6T
WELDER	\$23.97	1A	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 03/04/2009**

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(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 WAHKIAKUM</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.]

**BENEFIT CODE KEY - EFFECTIVE 03-04-2009**

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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 WORKED SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
  - D. THE FIRST TWO (2) HOURS BEFORE OR AFTER A FIVE - EIGHT (8) HOUR WORKWEEK DAY OR A FOUR - TEN (10) HOUR WORKWEEK DAY AND THE FIRST EIGHT (8) HOURS WORKED THE NEXT DAY AFTER EITHER WORKWEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL ADDITIONAL HOURS WORKED AND ALL WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
  - E. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST EIGHT (8) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL OTHER HOURS WORKED MONDAY THROUGH SATURDAY, AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
  - F. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST TEN (10) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL OTHER OVERTIME HOURS WORKED, EXCEPT LABOR DAY, SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT THREE TIMES THE HOURLY RATE OF WAGE.
  - G. THE FIRST TEN (10) HOURS WORKED ON SATURDAYS AND THE FIRST TEN (10) HOURS WORKED ON A FIFTH CALENDAR WEEKDAY IN A FOUR - TEN HOUR SCHEDULE, SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF TEN (10) HOURS PER DAY MONDAY THROUGH SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
  - H. ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS IF WORK IS LOST DUE TO INCLEMENT WEATHER CONDITIONS OR EQUIPMENT BREAKDOWN) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
  - I. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL 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.

**BENEFIT CODE KEY - EFFECTIVE 03-04-2009**

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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 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. WHEN A FOUR (4) DAY, TEN (10) HOUR WORKWEEK IS ESTABLISHED, ALL HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE-AND-ONE-HALF TIMES 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.

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- 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.
- 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.
- 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**

**BENEFIT CODE KEY - EFFECTIVE 03-04-2009**

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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.
- 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.

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- 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.
- 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).

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- 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.

General Decision Number: WA080001 07/03/2009 WA1

Superseded General Decision Number: WA070001

State: Washington

Construction Types: Heavy (Heavy and Dredging) and Highway

Counties: Washington Statewide.

HEAVY AND HIGHWAY AND DREDGING CONSTRUCTION PROJECTS (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Modification Number	Publication Date	Modification Number	Publication Date
0	02/08/2008	19	10/31/2008
1	02/15/2008	20	11/21/2008
2	02/22/2008	21	01/02/2009
3	04/04/2008	22	02/06/2009
4	04/25/2008	23	02/27/2009
5	05/09/2008	24	03/06/2009
6	06/06/2008	25	03/20/2009
7	06/13/2008	26	06/5/2009
8	06/20/2008	<b>27</b>	<b>06/12/2009</b>
9	06/27/2008	28	06/26/2009
10	07/11/2008	29	07/03/2009
11	07/25/2008		
12	08/01/2008		
13	08/08/2008		
14	08/29/2008		
15	09/05/2008		
16	09/19/2008		
17	10/03/2008		
18	10/24/2008		

**CARP0001-008** 06/01/2007

Carpenters:

COLUMBIA RIVER AREA -  
 ADAMS, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH  
 MERIDIAN), FERRY, FRANKLIN, GRANT, OKANOGAN  
 (EAST OF THE 120TH MERIDIAN) WALLA WALLA and **Yakima**  
 COUNTIES

	Rates	Fringes
GROUP 1:.....	\$ 25.68	9.30
GROUP 2:.....	\$ 27.18	9.30
GROUP 3:.....	\$ 25.95	9.30
GROUP 4:.....	\$ 25.68	9.30
GROUP 5:.....	\$ 59.40	9.30
GROUP 6:.....	\$ 28.70	9.30
GROUP 7:.....	\$ 29.70	9.30
GROUP 8:.....	\$ 26.95	9.30
GROUP 9:.....	\$ 32.70	9.30

SPOKANE AREA:

ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS  
AND WHITMAN COUNTIES

GROUP 1:.....	\$ 25.01	9.30
GROUP 2:.....	\$ 26.51	9.30
GROUP 3:.....	\$ 25.27	9.30
GROUP 4:.....	\$ 25.01	9.30
GROUP 5:.....	\$ 58.04	9.30
GROUP 6:.....	\$ 28.02	9.30
GROUP 7:.....	\$ 29.02	9.30
GROUP 8:.....	\$ 26.27	9.30
GROUP 9:.....	\$ 32.02	9.30

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter; Burner-Welder; Rigger and Signaler;  
Insulators (all types), Acoustical, Drywall and Metal  
Studs, Metal Panels and Partitions; Floor Layer, Sander,  
Finisher and Astro Turf; Layout Carpenters; Form Builder;  
Rough Framer; Outside or Inside Finisher, including doors,  
windows, and jams; Sawfiler; Shingler (wood, composition)  
Solar, Fiberglass, Aluminum or Metal; Scaffold Erecting and  
Dismantling; Stationary Saw-Off Bearer; Wire, Wood and  
Metal Lather Applicator

GROUP 2: Millwright, machine erector

GROUP 3: Piledriver - includes driving, pulling, cutting,  
placing collars, setting, welding, or creosote treated  
material, on all piling

GROUP 4: Bridge, dock and wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby, Bell/Vehicle or Submersible Operator, Not Under  
Pressure.

GROUP 8: Assistant Tender, ROV Tender/Technician.

GROUP 9: Manifold Operator - Mixed Gas

ZONE PAY:

ZONE 1	0-40 MILES	FREE
ZONE 2	41-65 MILES	\$2.25/PER HOUR
ZONE 3	66-100 MILES	\$3.25/PER HOUR
ZONE 4	OVER 100 MILES	\$4.75/PER HOUR

DISPATCH POINTS:

CARPENTERS/MILLWRIGHTS: PASCO (2819 W. SYLVESTER) or Main  
Post Office of established residence of employee, whichever is  
closest to the worksite.

CARPENTERS/PILEDRIIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee, whichever is closest to the worksite.

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee, whichever is closest to the worksite.

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee, whichever is closest to the worksite.

CARPENTERS: MOSCOW (302 N. JACKSON) or Main Post Office of established residence of employee, whichever is closest to the worksite.

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:

50-100 feet \$2.00 per foot  
101-150 feet \$3.00 per foot  
151-220 feet \$4.00 per foot  
221 feet and deeper \$5.00 per foot

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:

0-25 FEET Free  
26-300 feet \$1.00 per Foot

SATURATION DIVING

The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

WORK IN COMBINATION OF CLASSIFICATIONS

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

- LEVEL D + \$.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.
- LEVEL C + \$.50 per hour - This level uses an air purifying respirator or additional protective clothing.
- LEVEL B + \$.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".
- LEVEL A +\$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

CARP0003-006 06/01/2007

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHKIAKUM COUNTIES and INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

ZONE 1:

	Rates	Fringes
Carpenters:		
CARPENTERS; ACOUSTICAL.....	\$ 27.56	13.30
DIVERS TENDERS.....	\$ 30.28	13.30
DIVERS.....	\$ 68.84	13.30
DRYWALL.....	\$ 27.56	13.30
FLOOR LAYERS & FLOOR FINISHERS (the laying of all hardwood floors nailed and mastic set, parquet and wood-type tiles, and block floors, the sanding and finishing of floors, the preparation of old and new floors when the materials mentioned above are to be installed);		
INSULATORS (fiberglass and similar irritating materials.....	\$ 27.71	13.30
MILLWRIGHTS.....	\$ 28.04	13.30
PILEDRIVERS.....	\$ 28.04	13.30

DEPTH PAY:

50 TO 100 FEET \$1.00 PER FOOT OVER 50 FEET  
101 TO 150 FEET \$1.50 PER FOOT OVER 101 FEET  
151 TO 200 FEET \$2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):

Zone 2 - \$0.85  
Zone 3 - 1.25  
Zone 4 - 1.70  
Zone 5 - 2.00  
Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER,  
 NOTE: All dispatches for Washington State Counties; Cowlitz, Wahkiakum  
 and Pacific shall be from Longview Local #1707 and mileage shall be  
 computed from that point.)

- ZONE 1: Projects located within 30 miles of the respective  
 city hall of the above mentioned cities
- ZONE 2: Projects located more than 30 miles and less than 40  
 miles of the respective city of the above mentioned cities
- ZONE 3: Projects located more than 40 miles and less than 50  
 miles of the respective city of the above mentioned cities
- ZONE 4: Projects located more than 50 miles and less than 60  
 miles of the respective city of the above mentioned cities.
- ZONE 5: Projects located more than 60 miles and less than 70  
 miles of the respective city of the above mentioned cities
- ZONE 6: Projects located more than 70 miles of the respected  
 city of the above mentioned cities

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 CARP0770-003 06/01/2009

Carpenters:

CENTRAL WASHINGTON:  
 CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS,  
 OKANOGAN, WEST OF THE 120TH MERIDIAN) AND YAKIMA COUNTIES

	Rates	Fringes
ACCOUSTICAL WORKERS.....	\$ 25.25	11.97
BRIDGE, DOCK AND WHARF CAPPENTERS AND HEAVY & HIGHWAY.....	\$ 35.39	11.97
CARPENTERS AND DRYWALL APPLICATORS.....	\$ 25.25	11.97
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 25.25	11.97
DIVERS TENDER.....	\$ 39.15	11.97
DIVERS.....	\$ 87.20	11.97
INSULATION APPLICATORS.....	\$ 25.25	11.97
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 36.39	11.97
PILEDRIWER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 35.59	11.97
SAWFILERS, STATIONARY POWER SAW OPERATORS, FLOOR FINISHER, FLOOR LAYER, SHINGLER, FLOOR SANDER OPERATOR AND OPERATORS OF OTHER STATIONARY WOOD WORKING TOOLS.....	\$ 25.25	11.97

HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL  
CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the  
free zone computed from the city center of the following  
listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT  
AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall,  
Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$ .70/hour
Over 45 radius miles	\$1.50/hour

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Carpenters:

WESTERN WASHINGTON:

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS (excludes piledrivers only), MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
ACOUSTICAL WORKERS.....	\$ 35.35	13.08
BRIDGE, DOCK & WHARF		
CARPENTERS.....	\$ 35.39	13.08
CARPENTERS AND DRYWALL		
APPLICATORS.....	\$ 35.39	13.08
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 35.49	13.08
DIVERS TENDER.....	\$ 39.15	13.08
DIVERS.....	\$ 87.20	13.08
INSULATION APPLICATORS.....	\$ 35.39	13.08
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 36.39	13.08
PILEDRIVER, DRIVING,		
PULLING, CUTTING, PLACING		
COLLARS, SETTING, WELDING		
OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 35.59	13.08
SAWFILERS, STATIONARY		
POWER SAW OPERATORS,		
FLOOR FINISHER, FLOOR		
LAYER, SHINGLER, FLOOR		
SANDER OPERATOR AND		
OPERATORS OF OTHER		
STATIONARY WOOD WORKING		
TOOLS.....	\$ 35.52	13.08

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:  
 0 -25 radius miles Free  
 26-35 radius miles \$1.00/hour  
 36-45 radius miles \$1.15/hour  
 46-55 radius miles \$1.35/hour  
 Over 55 radius miles \$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:  
 0 -25 radius miles Free  
 26-45 radius miles \$ .70/hour  
 Over 45 radius miles \$1.50/hour

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 ELECC0046-001 06/01/2009

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.89	3%+15.71
ELECTRICIAN.....	\$ 40.81	3%+15.71

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 \* ELECC0048-003 07/01/2009

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 35.90	16.43
ELECTRICIAN.....	\$ 35.65	16.82

HOURLY ZONE PAY

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria.

Zone Pay:  
 Zone 1: 31-50 miles \$1.50/hour  
 Zone 2: 51-70 miles \$3.50/hour  
 Zone 3: 71-90 miles \$5.50/hour  
 Zone 4: Beyond 90 miles \$9.00/hour

\* These are not miles driven. Zones are based on Delorme Street Atlas USA 2006 plus.  
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ELEC0073-001 01/01/2009

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN  
COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 28.22	3%+12.48
ELECTRICIAN.....	\$ 27.82	3%+12.48

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ELEC0076-002 02/28/2009

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON  
COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 38.57	3%+14.75
ELECTRICIAN.....	\$ 34.75	3%+14.75

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ELEC0077-002 02/01/2007

	Rates	Fringes
Line Construction:		
CABLE SPLICERS.....	\$ 42.09	3.875%+10.60
GROUND MEN.....	\$ 26.31	3.875%+8.60
LINE EQUIPMENT MEN.....	\$ 32.32	3.875%+8.70
LINEMEN, POLE SPRAYERS, HEAVY LINE EQUIPMENT MAN....	\$ 37.58	3.875%+10.60
POWDERMEN, JACKHAMMERMEN....	\$ 28.19	3.875%+8.60
TREE TRIMMER.....	\$ 22.65	3.875%+8.35

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ELEC0112-005 12/01/2008

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA  
WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 35.39	3%+13.48
ELECTRICIAN.....	\$ 33.70	3%+13.48

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ELEC0191-003 03/01/2008

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 36.86	3%+12.98
ELECTRICIAN.....	\$ 33.51	3%+12.98

ELEC0191-004 03/01/2008

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 32.46	3%+12.81
ELECTRICIAN.....	\$ 29.51	3%+12.81

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ELEC0970-001 01/01/2009

COWLITZ AND WAHKIAKUM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.68	3%+9.59
ELECTRICIAN.....	\$ 31.53	3%+9.59

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ENGI0302-003 06/01/2009

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUAN, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

PROJECTS: CATEGORY A PROJECTS (EXCLUDES CATEGORY B PROJECTS, AS SHOWN BELOW)

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
Group 1A.....	\$ 35.79	15.15
Group 1AA.....	\$ 36.36	15.15
Group 1AAA.....	\$ 36.92	15.15
Group 1.....	\$ 35.24	15.15
Group 2.....	\$ 34.75	15.15
Group 3.....	\$ 34.33	15.15
Group 4.....	\$ 31.97	15.15

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$ 1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish machine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with

attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

Category B Projects: 95% of the basic hourly rate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

#### HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
  - H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.
  - H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.
  - H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.
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ENGI0302-009 06/01/2007

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 95% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

WORK PERFORMED ON HYDRAULIC DREDDGES:

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
GROUP 1		
TOTAL PROJECT COST		
\$300,000 AND OVER.....	\$ 31.33	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 26.96	8.40
GROUP 2		
TOTAL PROJECT COST		
\$300,000 AND OVER.....	\$ 31.46	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 27.06	8.40
GROUP 3		
TOTAL PROJECT COST		
\$300,000 AND OVER.....	\$ 31.84	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 27.38	8.40
GROUP 4		
TOTAL PROJECT COST		
\$300,000 AND OVER.....	\$ 31.89	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 27.43	8.40
GROUP 5		
TOATL PROJECT COST		
\$300,000 AND OVER.....	\$ 33.46	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 28.75	8.40
GROUP 6		
TOTAL PROJECT COST		
\$300,000 AND OVER.....	\$ 31.33	12.75
TOTAL PROJECT COST UNDER		
\$300,000.....	\$ 26.96	8.40

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$ .70

Zone 3 (Over 45 radius miles) - \$1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS:

- GROUP 1: Assistant Mate (Deckhand
- GROUP 2: Oiler
- GROUP 3: Assistant Engineer (Electric, Diesel, Steam or  
Booster Pump); Mates and Boatmen
- GROUP 4: Craneman, Engineer Welder
- GROUP 5: Leverman, Hydraulic
- GROUP 6: Maintenance

Category B Projects: 95% of the basic hourly rate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

Heavy Wage rates (Category A) Applies to clam shell dredge, hoe and dipper, shovels and shovel attachments, cranes and bulldozers.

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
  - H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.
  - H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.
  - H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.
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\* ENGI0370-002 06/01/2009

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN),  
COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY,  
FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH  
MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN  
AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

ZONE 1:

	Rates	Fringes
Power equipment operators:		
GROUP 1A.....	\$ 23.21	11.05
GROUP 1.....	\$ 23.76	11.05
GROUP 2.....	\$ 24.08	11.05
GROUP 3.....	\$ 24.69	11.05
GROUP 4.....	\$ 24.85	11.05
GROUP 5.....	\$ 25.01	11.05
GROUP 6.....	\$ 25.29	11.05
GROUP 7.....	\$ 25.56	11.05
GROUP 8.....	\$ 26.66	11.05

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Pasco,  
Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington;  
Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1A: Boat Operator; Crush Feeder; Oiler; Steam Cleaner

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors  
(under 2000 CFM, gas, diesel, or electric power); Deck  
Hand; Drillers Helper (Assist driller in making drill rod  
connections, service drill engine and air compressor,  
repair drill rig and drill tools, drive drill support truck  
to and on the job site, remove drill cuttings from around  
bore hole and inspect drill rig while in operation);  
Fireman & Heater Tender; Hydro-seeder,  
Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking  
Machine; Pumpman; Rollers, all types on subgrade, including  
seal and chip coatings (farm type, Case, John Deere &  
similar, or Compacting Vibrator), except when pulled by  
Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD  
required) & Cable Tender, Mucking Machine.

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operaoatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Roller (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (Recycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)  
 180 ft to 250 ft \$ .50 over scale  
 Over 250 ft \$ .80 over scale

NOTE:

In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:

Anyone working on HAZMAT jobs, working with supplied air shall receive \$1.00 an hour above classification.

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 ENGI0370-006 06/01/2008

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

WORK PERFORMED ON HYDRAULIC DREDGES

	Rates	Fringes
Hydraulic Dredge		
GROUP 1:.....	\$ 31.85	13.53
GROUP 2:.....	\$ 32.36	13.53
GROUP 3:.....	\$ 32.41	13.53
GROUP 4:.....	\$ 33.98	13.53
GROUP 5:.....	\$ 31.85	13.53
GROUP 6:.....	\$ 31.98	13.53
GROUP 7:.....	\$ 32.36	13.53

- GROUP 1: Assistant Mate (Deckhand)
- GROUP 2: Assistant Engineer (Electric, Diesel, Steam, or Booster Pump)
- GROUP 3: Engineer Welder
- GROUP 4: Leverman, Hydraulic
- GROUP 5: Maintenance
- GROUP 6: Oiler
- GROUP 7: Mates & Boatman

HEAVY WAGE RATES APPLIES TO CLAM SHELL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS.  
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ENGI0612-001 06/01/2008

LEWIS, PIERCE, PACIFIC (THAT PORTION WHICH LIES NORTH OF A PARALLEL LINE EXTENDED WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA IN THE STATE OF WASHINGTON) AND THURSTON COUNTIES

PROJECTS:

CATEGORY A PROJECTS (excludes Category B projects, as shown below)

	Rates	Fringes
Power equipment operators:		
WORK PERFORMED ON		
HYDRAULIC DREDGES: Total		
Project cost \$300,000 and over		
GROUP 1.....	\$ 31.33	12.75
GROUP 2.....	\$ 31.46	12.75
GROUP 3.....	\$ 31.84	12.75
GROUP 4.....	\$ 31.89	12.75
GROUP 5.....	\$ 33.46	12.75
GROUP 6.....	\$ 31.33	12.75
WORK PERFORMED ON		
HYDRAULIC DREDGES: Total		
Project Cost under \$300,000		
GROUP 1.....	\$ 26.96	8.40
GROUP 2.....	\$ 27.06	8.40
GROUP 3.....	\$ 27.38	8.40
GROUP 4.....	\$ 27.43	8.40
GROUP 5.....	\$ 28.75	8.40
GROUP 6.....	\$ 26.96	8.40

ZONE 2 (26-45 radius miles) - Add \$.70 to Zone 1 rates

ZONE 3 (Over 45 radius miles) - Add \$1.00 to Zone 1 rates

BASEPOINTS: Tacoma, Olympia, and Centralia

CATEGORY B PROJECTS - 95% of the basic hourly rate for each group plus full fringe benefits applicable to Category A projects shall apply to the following projects: Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and structures whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than \$150,000

WORK PERFORMED ON HYDRAULIC DREDGES:

- GROUP 1: Assistant Mate (Deckhand)
- GROUP 2: Oiler
- GROUP 3: Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen
- GROUP 4: Craneman, Engineer Welder
- GROUP 5: Leverman, Hydraulic
- GROUP 6: Maintenance

HEAVY WAGE RATES APPLIES TO CLAM SHEEL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS

HANDLING OF HAZARDOUS WASTE MATERIALS

- H-1 - When not outfitted with protective clothing of level D equipment - Base wage rate
- H-2 - Class "C" Suit - Base wage rate + \$.25 per hour
- H-3 - Class "B" Suit - Base wage rate + \$.50 per hour
- H-4 - Class "A" Suit - Base wage rate +\$.75 per hour

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ENGI0612-006 06/01/2009

LEWIS, PIERCE, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
GROUP 1A.....	\$ 35.79	15.15
GROUP 1AA.....	\$ 36.36	15.15
GROUP 1AAA.....	\$ 36.92	15.15
GROUP 1.....	\$ 35.24	15.15
GROUP 2.....	\$ 34.75	15.15
GROUP 3.....	\$ 34.33	15.15
GROUP 4.....	\$ 31.97	15.15

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$ .70

Zone 3 (Over 45 radius miles) - \$1.00

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tons to 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

- FOOTNOTE A- Reduced rates may be paid on the following:
1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
  2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
  3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
- H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.
- H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.
- H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.

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 ENGI0701-002 01/01/2009

CLARK, COWLITZ, KLUCKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
Power equipment operators: (See Footnote A)		
GROUP 1.....	\$ 36.22	10.90
GROUP 1A.....	\$ 38.03	10.90
GROUP 1B.....	\$ 39.84	10.90
GROUP 2.....	\$ 34.65	10.90
GROUP 3.....	\$ 33.69	10.90
GROUP 4.....	\$ 32.78	10.90
GROUP 5.....	\$ 31.71	10.90
GROUP 6.....	\$ 28.82	10.90

Zone Differential (add to Zone 1 rates):

Zone 2 - \$2.50

Zone 3 - \$5.00

For the following metropolitan counties: MULTNOMAH;  
CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA;  
CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS  
INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE;  
GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: CONCRETE: Batch Plant and/or Wet Mix Operator, three units or more; CRANE: Helicopter Operator, when used in erecting work; Whirley Operator, 90 ton and over; LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments; FLOATING EQUIPMENT: Floating Crane, 150 ton but less than 250 ton

GROUP 1A: HYDRAULIC CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom; FLOATING EQUIPMENT: Floating Crane 250 ton and over

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over; FLOATING EQUIPMENT: Floating Crane 350 ton and over

GROUP 2: ASPHALT: Asphalt Plant Operator (any type); Roto Mill, pavement profiler, operator, 6 foot lateral cut and over; BLADE: Auto Grader or "Trimmer" (Grade Checker required); Blade Operator, Robotic; BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator, tandem, quadnine, D10, D11, and similar type; Bulldozere Robotic Equipment (any type; CONCRETE: Batch Plant and/or Wet Mix Operator, one and two drum; Automatic Concrete Slip Form Paver Operator; Concrete Canal Line Operator; Concrete Profiler, Diamond Head; CRANE: Cableway Operator, 25 tons and over; HYDRAULIC CRANE: Hydraulic crane operator 90 tons through 199 tons (without luffing or tower attachment); TOWER/WHIRLEY OPERATOR: Tower Crane Operator; Whirley Operator, under 90 tons; LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; CRUSHER: Crusher Plant Operator; FLOATING EQUIPMENT: Floating Clamshell, etc. operator, 3 cu. yds. and over; Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons; LOADERS: Loader operator, 120,000 lbs. and above; REMOTE CONTROL: Remote controlled earth-moving equipment; RUBBER-TIRED SCRAPERS: Rubber-tired scraper operator, with tandem scrapers, multi-engine; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell, operator 5 cu. yds and over; TRENCHING MACHINE: Wheel Excavator, under 750 cu. yds. per hour (Grade Oiler required); Canal Trimmer (Grade Oiler required); Wheel Excavator, over 750 cu. yds. per hour; Band Wagon (in conjunction with wheel excavator); UNDERWATER EQUIPMENT: Underwater Equipment Operator, remote or otherwise; HYDRAULIC HOES-EXCAVATOR: Excavator over 130,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (with luffing or tower attachment);

GROUP 3: BULLDOZERS: Bulldozer operator, over 70,000 lbs. up to and including 120,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (without luffing or tower attachment); LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); FORKLIFT: Rock Hound Operator; HYDRAULIC HOES-EXCAVATOR: excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000; RUBBER-TIRED SCRAPERS: Scraper Operator, with tandem scrapers; Self-loading, paddle wheel, auger type, finish and/or 2 or more units; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.

GROUP 4: ASPHALT: Screed Operator; Asphalt Paver operator (screedman required); BLADE: Blade operator; Blade operator, finish; Blade operator, externally controlled by electronic, mechanical hydraulic means; Blade operator, multi-engine; BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; Drill Cat Operator; Side-boom Operator; Cable-Plow Operator (any type); CLEARING: Log Skidders; Chippers; Incinerator; Stump Splitter (loader mounted or similar type); Stump Grinder (loader mounted or similar type; Tub Grinder; Land Clearing Machine (Track mounted forestry mowing & grinding machine); Hydro Axe (loader mounted or similar type); COMPACTORS SELF-PROPELLED: Compactor Operator, with blade; Compactor Operator, multi-engine; Compactor Operator, robotic; CONCRETE: Mixer Mobile Operator; Screed Operator; Concrete Cooling Machine Operator; Concrete Paving Road Mixer; Concrete Breaker; Reinforced Tank Banding Machine (K-17 or similar types); Laser Screed; CRANE: Chicago boom and similar types; Lift Slab Machine Operator; Boom type lifting device, 5 ton capacity or less; Hoist Operator, two (2) drum; Hoist Operator, three (3) or more drums; Derrick Operator, under 100 ton; Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over; Cableway Operator up to twenty (25) ton; Bridge Crane Operator, Locomotive, Gantry, Overhead; Cherry Picker or similar type crane; Carry Deck Operator; Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; CRUSHER: Generator Operator; Diesel-Electric Engineer; Grizzley Operator; Drill Doctor; Boring Machine Operator; Driller-Percussion, Diamond, Core, Cable, Rotary and similar type; Cat Drill (John Henry); Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Diesel-electric Engineer; Jack Operator, elevating barges, Barge Operator, self-unloading; Piledriver Operator (not crane type) (Deckhand required); Floating Clamshell, etc. Operator, under 3 cu. yds. (Fireman or Diesel-Electric Engineer required); Floating Crane (derrick barge) Operator, less than 30 tons; GENERATORS: Generator Operator; Diesel-electric Engineer; GUARDRAIL EQUIPMENT: Guardrail Punch Operator (all types); Guardrail Auger Operator (all types); Combination Guardrail machines, i.e., punch auger, etc.; HEATING PLANT: Surface Heater and Planer Operator; HYDRAULIC HOES EXCAVATOR: Robotic Hydraulic backhoe operator, track and wheel type up to and including 20,000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Belt Loaders, Kolman and Ko Cal types; Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Elevating Grader Operator by Tractor operator, Sierra, Euclid or similar types; PILEDRIVERS: Hammer

Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping Machine Operator; Pipe Bending Machine Operator; Pipe Wrapping Machine Operator; Boring Machine Operator; Back Filling Machine Operator; REMOTE CONTROL: Concrete Cleaning Decontamination Machine Operator; Ultra High Pressure Water Jet Cutting Tool System Operator/Mechanic; Vacuum Blasting Machine Operator/mechanic; REPAIRMEN, HEAVY DUTY: Diesel Electric Engineer (Plant or Floating; Bolt Threading Machine operator; Drill Doctor (Bit Grinder); H.D. Mechanic; Machine Tool Operator; RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator, single engine, single scraper; Self-loading, paddle wheel, auger type under 15 cu. yds.; Rubber-tired Scraper Operator, twin engine; Rubber-tired Scraper Operator, with push- pull attachments; Self Loading, paddle wheel, auger type 15 cu. yds. and over, single engine; Water pulls, water wagons; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Diesel Electric Engineer; Stationary Drag Scraper Operator; Shovel, Dragline, Clamshell, Operator under 3 cy yds.; Grade-all Operator; SURFACE (BASE) MATERIAL: Blade mounted spreaders, Ulrich and similar types; TRACTOR-RUBBERED TIRED: Tractor operator, rubber-tired, over 50 hp flywheel; Tractor operator, with boom attachment; Rubber-tired dozers and pushers (Michigan, Cat, Hough type); Skip Loader, Drag Box; TRENCHING MACHINE: Trenching Machine operator, digging capacity over 3 ft depth; Back filling machine operator; TUNNEL: Mucking machine operator

GROUP 5: ASPHALT: Extrusion Machine Operator; Roller Operator (any asphalt mix); Asphalt Burner and Reconditioner Operator (any type); Roto-Mill, pavement profiler, ground man; BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; COMPRESSORS: Compressor Operator (any power), over 1,250 cu. ft. total capacity; COMPACTORS: Compactor Operator, including vibratory; Wagner Factor Operator or similar type (without blade); CONCRETE: Combination mixer and Compressor Operator, gunite work; Concrete Batch Plant Quality Control Operator; Beltcrete Operator; Pumpcrete Operator (any type); Pavement Grinder and/or Grooving Machine Operator (riding type); Cement Pump Operator, Fuller-Kenyon and similar; Concrete Pump Operator; Grouting Machine Operator; Concrete mixer operator, single drum, under (5) bag capacity; Cast in place pipe laying machine; maginnis Internal Full slab vibrator operator; Concrete finishing mahine operator, Clary, Johnson, Bidwell, Burgess Bridge deck or similar type; Curb Machine Operator, mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine Operator; Concrete Planer Operator; Tower Mobile Operator; Power Jumbo Operator setting slip forms in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Concrete Paving Machine Operator; Concrete Finishing Machine Operator; Concrete Spreader Operator; CRANE: Helicopter Hoist Operator; Hoist Operator, single drum; Elevator Operator; A-frame Truck Operator, Double drum; Boom Truck Operator; HYDRAULIC CRANE OPERATOR:

Hydraulic Boom Truck, Pittman; DRILLING: Churn Drill and Earth Boring Machine Operator; Vacuum Truck; Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Fireman; FORKLIFT: Fork Lift, over 10 ton and/or robotic; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including 20,000 lbs.; LOADERS: Loaders, rubber-tired type, less than 25,000 lbs; Elevating Grader Operator, Tractor Towed requiring Operator or Grader; Elevating loader operator, Athey and similar types; OILERS: Service oiler (Greaser); PIPELINE-SEWER WATER: Hydra hammer or similar types; Pavement Breaker Operator; PUMPS: Pump Operator, more than 5 (any size); Pot Rammer Operator; RAILROAD EQUIPMENT: Locomotive Operator, under 40 tons; Ballast Regulator Operator; Ballast Tamper Multi-Purpose Operator; Track Liner Operator; Tie Spacer Operator; Shuttle Car Operator; Locomotive Operator, 40 tons and over; MATERIAL HAULERS: Cat wagon DJBs Volvo similar types; Conveyored material hauler; SURFACING (BASE) MATERIAL: Rock Spreaders, self-propelled; Pulva-mixer or similar types; Chip Spreading machine operator; Lime spreading operator, construction job siter; SWEEPERS: Sweeper operator (Wayne type) self-propelled construction job site; TRACTOR-RUBBER TIRED: Tractor operator, rubber-tired, 50 hp flywheel and under; Trenching machine operator, maximum digging capacity 3 ft depth; TUNNEL: Dinkey

GROUP 6: ASPHALT: Plant Oiler; Plant Fireman; Pugmill Operator (any type); Truck mounted asphalt spreader, with screed; COMPRESSORS: Compressor Operator (any power), under 1,250 cu. ft. total capacity; CONCRETE: Plant Oiler, Assistant Conveyor Operator; Conveyor Operator; Mixer Box Operator (C.T.B., dry batch, etc.); Cement Hog Operator; Concrete Saw Operator; Concrete Curing Machine Operator (riding type); Wire Mat or Brooming Machine Operator; CRANE: Oiler; Fireman, all equipment; Truck Crane Oiler Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oiler; Crusher Feeder; CRUSHER: Crusher oiler; Crusher feeder; DRILLING: Drill Tender; Auger Oiler; FLOATING EQUIPMENT: Deckhand; Boatman; FORKLIFT: Self-propelled Scaffolding Operator, construction job site (excluding working platform); Fork Lift or Lumber Stacker Operator, construction job site; Ross Carrier Operator, construction job site; Lull Hi-Lift Operator or Similar Type; GUARDRAIL EQUIPMENT: Oiler; Auger Oiler; Oiler, combination guardrail machines; Guardrail Punch Oiler; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oiler; Guardrail Punch Oiler; Truck Crane Oiler-Driver; Auger Oiler; Grade Oiler, required to check grade; Grade Checker; Rigger; PIPELINE-SEWER WATER: Tar Pot Fireman; Tar Pot Fireman (power agitated); PUMPS: Pump Operator (any power); Hydrostatic Pump Operator; RAILROAD EQUIPMENT: Brakeman; Oiler; Switchman; Motorman; Ballast Jack Tamper Operator;

SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER, ETC. OPERATOR: Oiler, Grade Oiler (required to check grade); Grade Checker; Fireman; SWEEPER: Broom operator, self propelled, construction job site; SURFACING (BASE) MATERIAL: Roller Operator, grading of base rock (not asphalt); Tamping Machine operator, mechanical, self-propelled; Hydrographic Seeder Machine Operator; TRENCHING MACHINE: Oiler; Grade Oiler; TUNNEL: Conveyor operator; Air filtration equipment operator

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 ENGI0701-003 01/01/2009

Clark, Cowlitz, Klickitat, Pacific (South), Skamania, and Wahkiakum Counties

	Rates	Fringes
Dredging:		
ZONE A		
ASSISTANT ENGINEER.....	\$ 37.30	10.80
ASSISTANT MATE.....	\$ 32.96	10.80
LEVERMAN, DIPPER,		
FLOATING CLAMSHELL.....	\$ 39.88	10.80
LEVERMAN, HYDRAULIC.....	\$ 39.88	10.80
TENDERMAN.....	\$ 36.12	10.80
ZONE B		
ASSISTANT ENGINEER.....	\$ 39.80	10.80
ASSISTANT MATE.....	\$ 35.46	10.80
LEVERMAN, DIPPER,		
FLOATING CLAMSHELL.....	\$ 42.38	10.80
LEVERMAN, HYDRAULIC.....	\$ 42.38	10.80
TENDERMAN.....	\$ 38.62	10.80
ZONE C		
ASSISTANT ENGINEER.....	\$ 41.30	10.80
ASSISTANT MATE.....	\$ 36.96	10.80
LEVERMAN, DIPPER,		
FLOATING CLAMSHELL.....	\$ 43.88	10.80
LEVERMAN, HYDRAULIC.....	\$ 43.88	10.80
TENDERMAN.....	\$ 40.12	10.80

ZONE DESCRIPTION FOR DREDGING:

ZONE A - All jobs or projects located within 30 road miles of Portland City Hall.

ZONE B - Over 30-60 road miles from Portland City Hall.

ZONE C - Over 60 road miles from Portland City Hall.

\*All jobs or projects shall be computed from the city hall by the shortest route to the geographical center of the project.

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\* IRON0014-005 07/01/2009

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN,  
GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE,  
STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 30.79	17.40

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\* IRON0029-002 07/01/2009

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM  
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.12	17.40

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\* IRON0086-002 07/01/2009

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 31.07	17.40

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\* IRON0086-004 07/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.62	17.40

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LABO0001-002 06/01/2009

Laborers: CALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

Zone 1:	Rates	Fringes
GROUP 1.....	\$ 21.77	9.07
GROUP 2.....	\$ 24.86	9.07
GROUP 3.....	\$ 30.96	9.07
GROUP 4.....	\$ 31.70	9.07
GROUP 5.....	\$ 32.21	9.07

CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS AND YAKIMA COUNTIES

GROUP 1.....	\$ 19.95	9.07
GROUP 2.....	\$ 20.58	9.07
GROUP 3.....	\$ 22.54	9.07
GROUP 4.....	\$ 23.09	9.07
GROUP 5.....	\$ 23.48	9.07

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall  
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall  
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
ZONE 2 - \$1.00  
ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall  
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
Zone 2 - \$2.25

## LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, airtrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A).

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LABO0238-004 06/01/2008

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 20.56	7.70
GROUP 2.....	\$ 22.66	7.70
GROUP 3.....	\$ 22.93	7.70
GROUP 4.....	\$ 23.20	7.70
GROUP 5.....	\$ 23.48	7.70
GROUP 6.....	\$ 24.85	7.70

Zone Differential (Add to Zone 1 rate): \$2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.

Zone 2: 45 radius miles and over from the main post office.

#### LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Raker; Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Gunite (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on raises and shafts)

GROUP 6 - Powderman

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LABO0238-006 06/01/2008

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

	Rates	Fringes
Hod Carrier.....	\$ 24.10	7.70

LABO0335-001 06/01/2008

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 27.46	8.40
GROUP 2.....	\$ 28.06	8.40
GROUP 3.....	\$ 28.50	8.40
GROUP 4.....	\$ 28.88	8.40
GROUP 5.....	\$ 24.96	8.40
GROUP 6.....	\$ 22.54	8.40
GROUP 7.....	\$ 19.34	8.40

Zone Differential (Add to Zone 1 rates):  
 Zone 2 \$ 0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 2.75

BASE POINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.  
 ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall.

## LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Guard Rail, Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunit Nozzleman Tender; Gunit or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunit Nozzleman; High Scalars, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls);  
 Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam  
 (pipelaying)-applicable when employee assigned to move, set  
 up, align; Laser Beam; Tunnel Miners; Motorman-Dinky  
 Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

LABO0335-010 06/01/2008

	Rates	Fringes
Hod Carrier.....	\$ 29.58	8.40
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PAIN0005-002 06/01/2008

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH),  
 SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 26.50	11.40
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PAIN0005-004 07/01/2007

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
 MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND  
 WHATCOM COUNTIES

	Rates	Fringes
PAINTER.....	\$ 19.91	6.85
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PAIN0005-006 07/01/2008

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE);  
CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS,  
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA,  
WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Painters:		
Application of Cold Tar Products, Epoxies, Polyure thanes, Acids, Radiation Resistant Material, Water and Sandblasting, Bridges, Towers, Tanks, Stacks, Steeple.....	\$ 20.84	7.88
Over 30'/Swing Stage Work..	\$ 21.54	7.88
Brush, Roller, Striping, Steam-cleaning and Spray....	\$ 15.09	6.68
Lead Abatement, Asbestos Abatement.....	\$ 20.84	7.88
TV Radio, Electrical Transmission Towers.....	\$ 21.59	7.88
Over 30'/Swing Stage Work..	\$ 22.29	7.88

\*\$.70 shall be paid over and above the basic wage rates  
listed for work on swing stages and high work of over 30  
feet.

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PAIN0055-002 10/01/2008

CLARK, COWLITZ, KLUCKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM  
COUNTIES

	Rates	Fringes
Painters:		
Brush & Roller.....	\$ 19.69	7.14
High work - All work 60 ft. or higher.....	\$ 20.44	7.14
Spray and Sandblasting.....	\$ 20.29	7.14

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PAIN0055-007 06/01/2007

CLARK, COWLITZ, KLUCKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT STRIPER.....	\$ 28.27	8.27

PLAS0072-004 06/01/2007

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

	Rates	Fringes
Cement Mason/Concrete Finisher		
ZONE 1:.....	\$ 24.68	7.98

Zone Differential (Add to Zone 1 rate): Zone 2 - \$2.00

BASE POINTS: Spokane, Pasco, Moses Lake, Lewiston  
Zone 1: 0 - 45 radius miles from the main post office  
Zone 2: Over 45 radius miles from the main post office

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PLAS0528-001 06/01/2008

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

Cement Masons:

	Rates	Fringes
CEMENT MASON.....	\$ 34.68	12.13
COMPOSITION, COLOR MASTIC, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE..	\$ 35.18	12.13
TROWLING MACHINE OPERATOR ON COLORED SLABS COMPOSITION OR KALMAN FLOORS.....	\$ 36.18	12.13

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PLAS0555-002 06/01/2008

CLARK, KLICKITAT AND SKAMANIA COUNTIES

Cement Masons:

ZONE 1:	Rates	Fringes
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDEDED/HANGING SCAFFOLD..	\$ 27.87	14.83
CEMENT MASONS ON SUSPENDEDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 27.34	14.83
CEMENT MASONS.....	\$ 26.80	14.83
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 27.34	14.83

Zone Differential (Add To Zone 1 Rates):  
 Zone 2 - \$0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND,  
 SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall  
 ZONE 2: More than 30 miles but less than 40 miles from the  
 respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the  
 respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the  
 respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall

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 PLUM0032-002 01/01/2009

CLALLAM, KING AND JEFFERSON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 43.68	18.06

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 PLUM0032-003 01/01/2009

CHELAN, KITTITAS (NORTHERN TIP), DOUGLAS (NORTH), AND OKANOGAN  
 (NORTH) COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 31.46	14.61

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 PLUM0044-003 06/01/2007

ADAMS (NORTHERN PART), ASOTIN (CLARKSTON ONLY), FERRY (EASTERN  
 PART), LINCOLN, PEND ORIELLE, STEVENS, SPOKANE, AND WHITMAN  
 COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
ADAMS (NORTHERN PART),		
ASOTIN (CLARKSTON ONLY),		
FERRY (EASTERN PART),		
LINCOLN, PEND ORIELLE AND		
STEVENS AND SPOKANE		
COUNTIES.....	\$ 30.14	12.81
WHITMAN COUNTY.....	\$ 36.24	12.81

PLUM0082-001 06/01/2007

CLARK (NORTHERN TIP INCLUDING WOODLAND), COWLITZ, GRAYS HARBOR,  
LEWIS, MASON (EXCLUDING NE SECTION), PACIFIC, PIERCE SKAMANIA,  
THURSTON AND WAHKIAKUM COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 35.55	15.32

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PLUM0265-003 06/01/2007

ISLAND, SKAGIT, SNOHOMISH, SAN JUAN AND WHATCOM COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 35.55	15.32

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PLUM0290-003 10/01/2008

CLARK (ALL EXCLUDING NORTHERN TIP INCLUDING CITY OF WOODLAND)

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 35.69	16.99

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PLUM0598-005 06/01/2008

ADAMS (SOUTHERN PART), ASOTIN (EXCLUDING THE CITY OF  
CLARKSTON), BENTON, COLUMBIA, DOUGLAS (EASTERN HALF), FERRY  
(WESTERN PART), FRANKLIN, GARFIELD, GRANT, KITTITAS (ALL BUT  
NORTHERN TIP), KLUCKITAT, LINCOLN (WESTERN PART), OKANOGAN  
(EASTERN), WALLA WALLA AND YAKIMA COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 38.64	19.10

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PLUM0631-001 06/01/2007

MASON (NE SECTION), AND KITSAP COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
All new construction, additions, and remodeling of commercial building projects such as: cocktail lounges and taverns, professional buildings, medical clinics, retail stores, hotels and motels, restaurants and fast food types, gasoline service stations, and car washes where the plumbing and mechanical cost of the project is less than \$100,000.....		
	\$ 27.39	11.18
All other work where the plumbing and mechanical cost of the project is \$100,000 and over.....		
	\$ 34.90	15.32

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TEAM0037-002 06/01/2009

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 26.90	12.75
GROUP 2.....	\$ 27.02	12.75
GROUP 3.....	\$ 27.15	12.75
GROUP 4.....	\$ 27.41	12.75
GROUP 5.....	\$ 27.63	12.75
GROUP 6.....	\$ 27.79	12.75
GROUP 7.....	\$ 27.99	12.75

Zone Differential (Add to Zone 1 Rates):  
 Zone 2 - \$0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trucks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom dumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

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 TEAM0174-001 06/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:.....	\$ 31.87	14.60
GROUP 2:.....	\$ 31.03	14.60
GROUP 3:.....	\$ 28.22	14.60
GROUP 4:.....	\$ 23.25	14.60
GROUP 5:.....	\$ 31.42	14.60
ZONE B (25-45 miles from center of listed cities*): Add \$.70 per hour to Zone A rates.		
ZONE C (over 45 miles from center of listed cities*): Add \$1.00 per hour to Zone A rates.		

\*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired) (when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by \$2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."

LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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TEAM0760-002 06/01/2008

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

Rates Fringes

Truck drivers: (ANYONE WORKING ON HAZMAT JOBS SEE FOOTNOTE A BELOW)

ZONE 1:		
GROUP 1.....	\$ 20.02	11.05
GROUP 2.....	\$ 22.29	11.05
GROUP 3.....	\$ 22.79	11.05
GROUP 4.....	\$ 23.12	11.05
GROUP 5.....	\$ 23.23	11.05
GROUP 6.....	\$ 23.40	11.05
GROUP 7.....	\$ 23.93	11.05
GROUP 8.....	\$ 24.26	11.05

Zone Differential (Add to Zone 1 rate: Zone 2 - \$2.00)

BASE POINTS: Spokane, Moses Lake, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.

Zone 2: Outside 45 radius miles from the main post office

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self-loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWS & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - \$.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - \$1.00 PER HOUR (Uses supplied air in conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:

Trucks Pulling Equipment Trailers: shall receive \$.15/hour over applicable truck rate

-----  
WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.  
-----

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

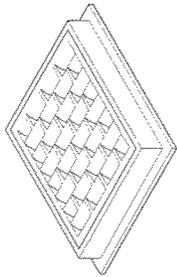
END OF GENERAL DECISION

PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE	12"
ALL METAL PIPE	15"
CPSSP * (STD. SPEC. 9-05.20)	12"
SOLID WALL PVC (STD. SPEC. 9-05.12(1))	15"
PROFILE WALL PVC (STD. SPEC. 9-05.12(2))	15"

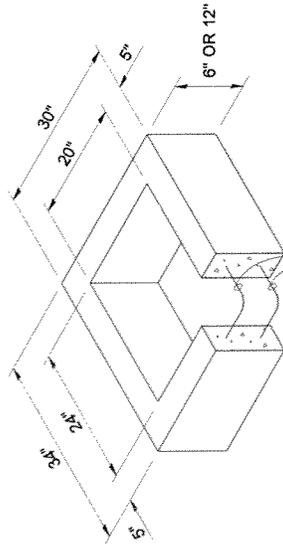
\* CORRUGATED POLYETHYLENE STORM SEWER PIPE

**NOTES**

- As acceptable alternatives to the rebar shown in the **PRECAST BASE SECTION**, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the **ALTERNATIVE PRECAST BASE SECTION**. Wire mesh shall not be placed in the knockouts.
- The knockout diameter shall not be greater than 20". Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.
- The maximum depth from the finished grade to the lowest pipe invert shall be 5'.
- The frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
- The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1:24 or steeper.
- The opening shall be measured at the top of the precast base section.
- All pickup holes shall be grouted full after the basin has been placed.

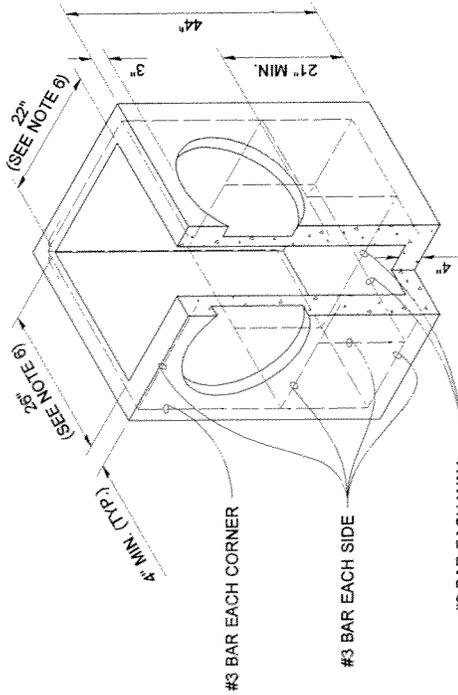


**FRAME AND VANED GRATE**

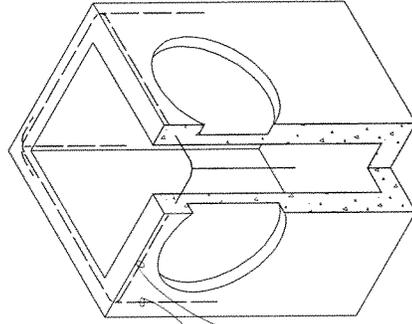


ONE #3 BAR HOOP FOR 6" HEIGHT  
TWO #3 BAR HOOPS FOR 12" HEIGHT

**RECTANGULAR ADJUSTMENT SECTION**



**PRECAST BASE SECTION**



SEE NOTE 1

**ALTERNATIVE PRECAST BASE SECTION**



**CATCH BASIN TYPE 1**

**STANDARD PLAN B-5.20-00**

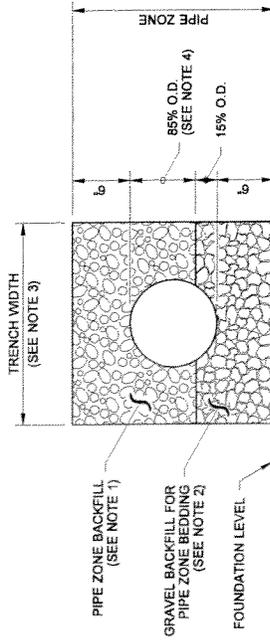
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
**Harold J. Peterfeso** 06-01-06  
 STATE DESIGN ENGINEER DATE  
 Washington State Department of Transportation

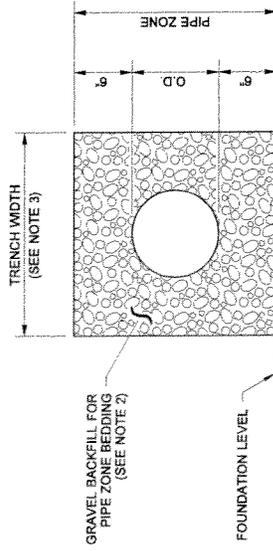


**NOTES**

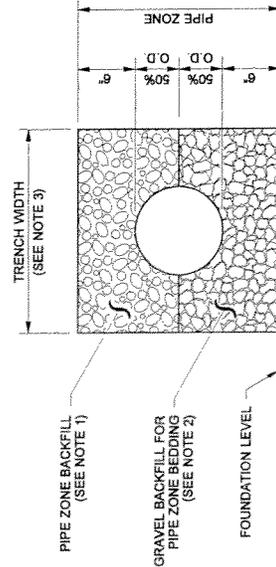
1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 9-03.12(3) for Gravel Backfill for Pipe Zone Bedding.
3. See Standard Specifications Section 2-09.4 for Measurement of Trench Width.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.



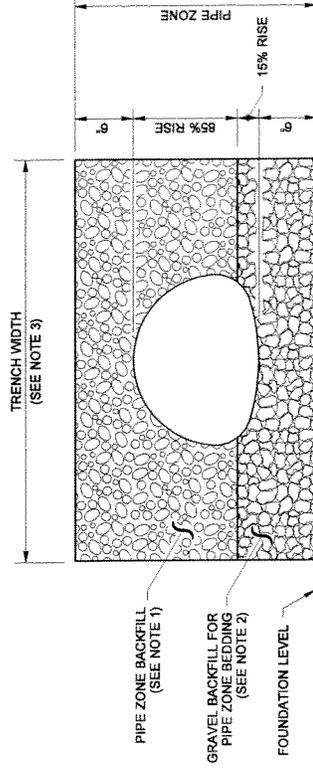
**CONCRETE AND DUCTILE IRON PIPE**



**THERMOPLASTIC PIPE**



**METAL PIPE**



**PIPE ARCHES**

PIPE	SIZE	MINIMUM DISTANCE BETWEEN BARRELS
CIRCULAR PIPE (DIAMETER)	12" to 24"	12"
	30" to 96"	DIAM. / 2
	102" to 180"	48"
PIPE ARCH (SPAN)	18" to 36"	12"
	43" to 142"	SPAN / 3
METAL ONLY	148" to 200"	48"



EXPIRES JULY 1, 2007

**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

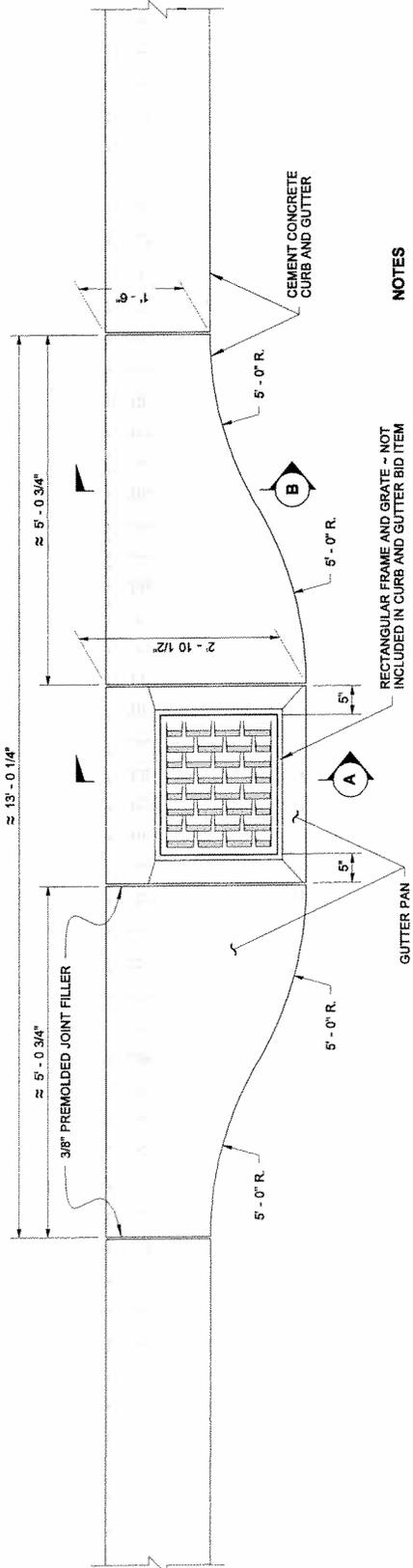
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



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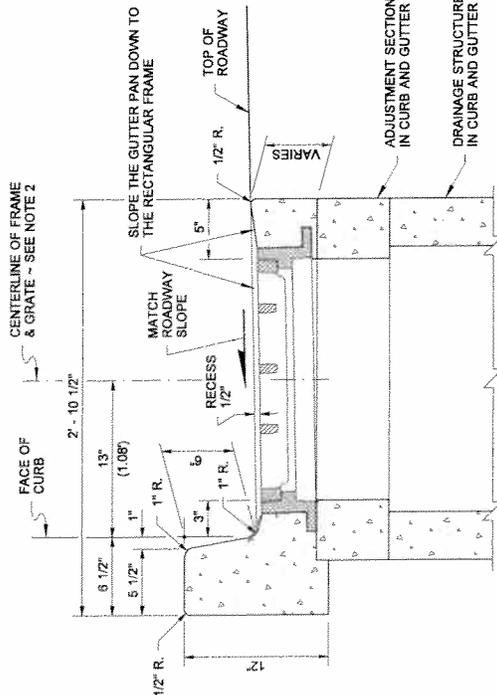




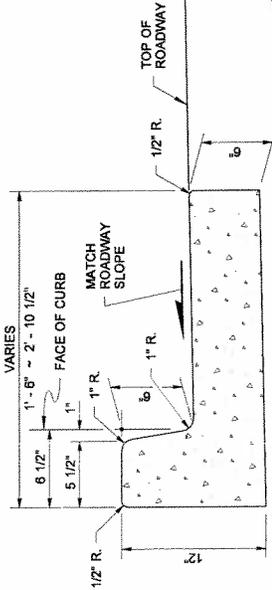
**NOTES**

1. The intent of this design is to facilitate the compaction of Hot Mix Asphalt pavement adjacent to a drainage structure.
2. The centerline of the drainage structure may differ from the centerline of the frame and grate.

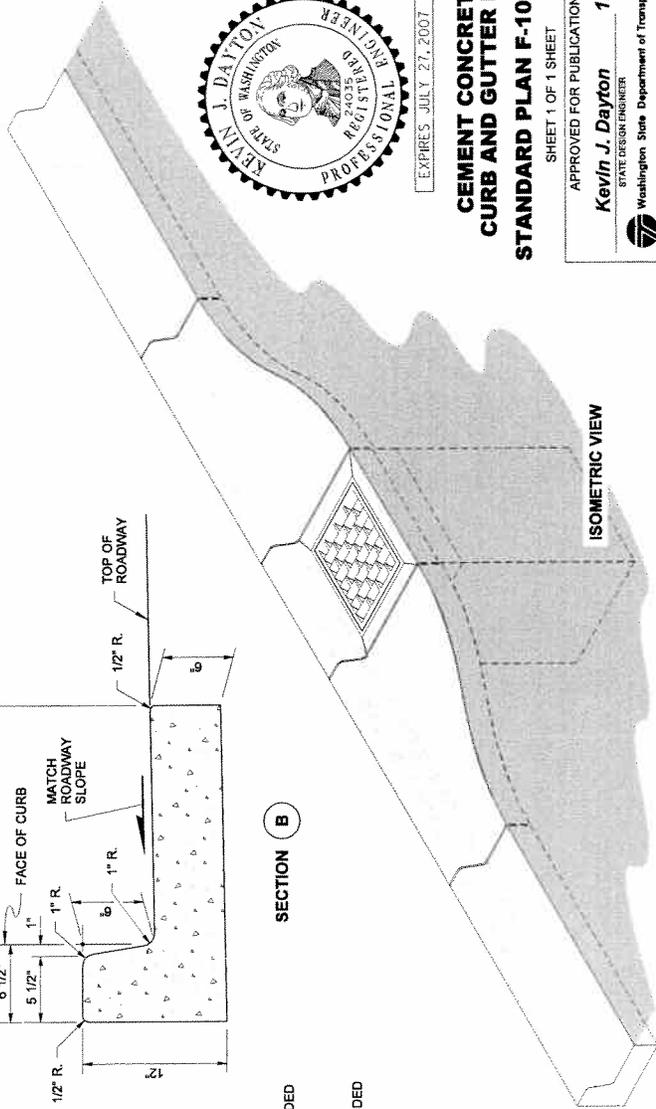
**SECTION A**



**SECTION B**



**ISOMETRIC VIEW**



EXPIRES: JULY 27, 2007

**CEMENT CONCRETE CURB AND GUTTER PAN**  
**STANDARD PLAN F-10.16-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Kevin J. Dayton** 12-20-06  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

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**LONGITUDINAL BUFFER SPACE = B**

POSTED SPEED (MPH)	25	30	35	40	45	50	55	60	65
LENGTH B (FEET)	155	200	250	305	360	425	495	570	645

**BUFFER DATA**

TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)	LOADED WEIGHT
VEHICLE TYPE	MINIMUM WEIGHT: 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)
4 YARD DUMP TRUCK SERVICE TRUCK, FLAT BED, ETC.	
<b>1</b>	ROLL AHEAD STOPPING DISTANCE = 30 FEET MIN. (DRY PAVEMENT ASSUMED)

**NOTES**

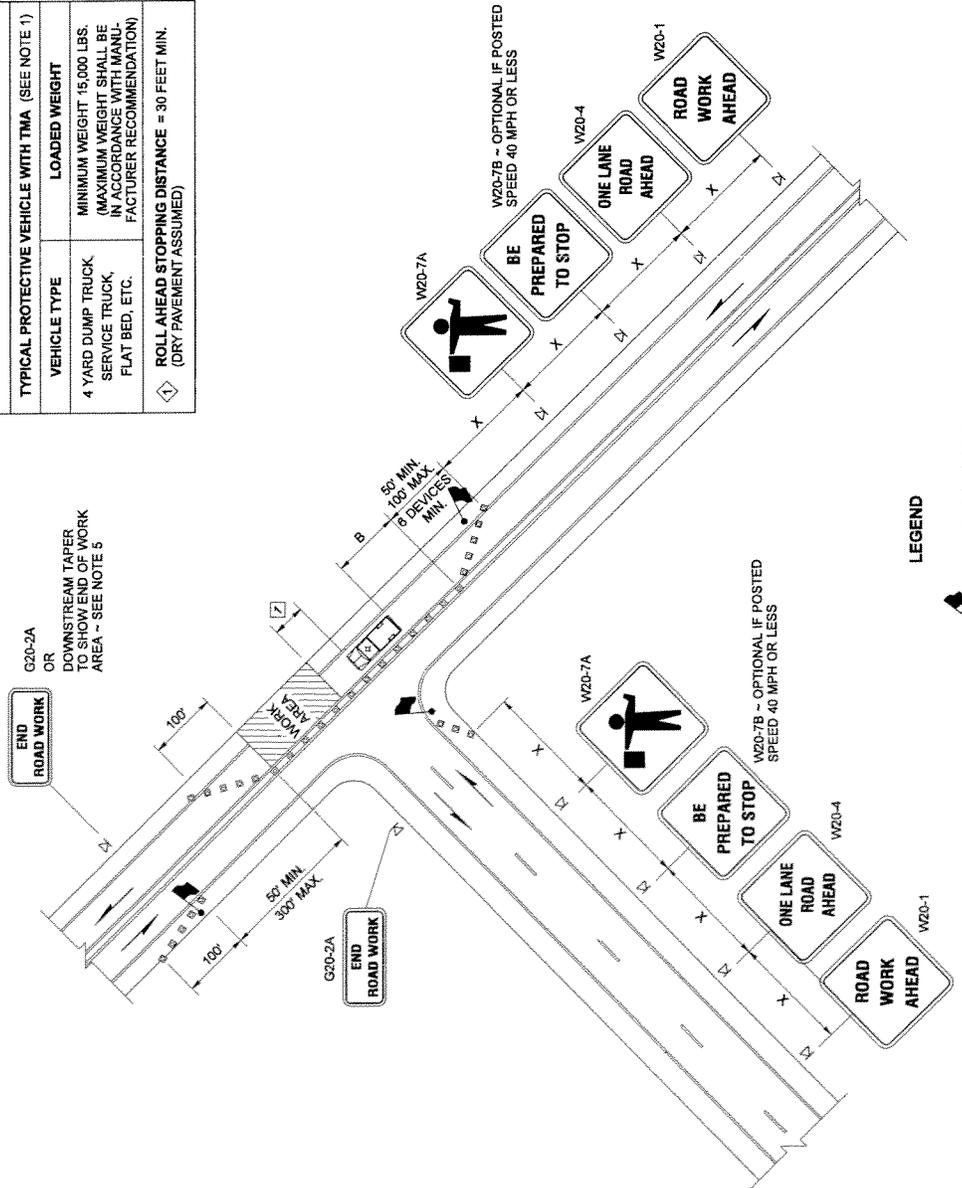
1. A Protective Vehicle is recommended regardless if a Truck Mounted Attenuator (TMA) is available, a work vehicle may be used. When no TMA is used, the Protective Vehicle shall be strategically located to shield workers, with no specific Roll-Ahead distance.
2. Night work requires additional roadway lighting at flagging stations. See WSDOT Standard Specifications for additional details.
3. Extend Channelizing Device taper across shoulder ~ recommended.
4. Sign sequence is the same for both directions of travel on the roadway.
5. Channelizing Device spacing for the downstream taper option shall be 20' O.C.
6. For signs size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M55-05.

**SIGN SPACING = X (1)**

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

ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



**FOR LOCAL AGENCY USE ONLY  
NOT FOR USE ON STATE ROUTES**



EXPIRES AUGUST 3, 2007

**LANE CLOSURE  
WITH FLAGGER CONTROL  
STANDARD PLAN K-20.40-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Ken L. Smith** 02-15-07  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

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LONGITUDINAL BUFFER SPACE = B						
POSTED SPEED (MPH)	25	30	35	40	45	50
LENGTH B (FEET)	155	200	250	305	SEE STD. PLAN K-40.20	SEE STD. PLAN K-40.20

MINIMUM TAPER LENGTH = L (FEET)						
SHOULDER WIDTH (FEET)	POSTED SPEED (MPH)					
	25	30	35	40	45	50
6	63	80	123	160	SEE STD. PLAN K-40.20	SEE STD. PLAN K-40.20
8	84	120	164	214	SEE STD. PLAN K-40.20	SEE STD. PLAN K-40.20
10	105	150	204	267	SEE STD. PLAN K-40.20	SEE STD. PLAN K-40.20
LESS THAN 6	3 DEVICES MINIMUM, SPACED 10' O.C.					

BUFFER DATA	
TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)	LOADED WEIGHT
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT: 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)
◇ (DRY PAVEMENT ASSUMED)	ROLL AHEAD STOPPING DISTANCE = 30 FEET MIN.

CHANNELIZING DEVICE SPACING		
POSTED SPEED (MPH)	IN TAPER (FEET)	IN TANGENT (FEET)
35 / 40	30	60
25 / 30	20	40

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

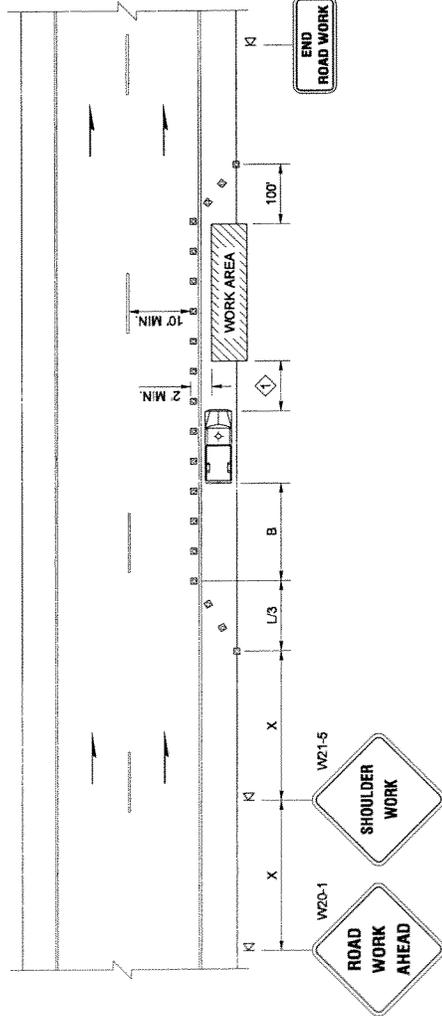
ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE

(1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.

(2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

**NOTES**

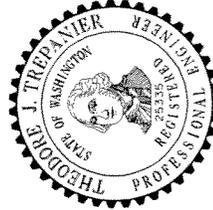
1. A Protective Vehicle is recommended regardless if a Truck Mounted Attenuator (TMA) is available, a work vehicle may be used. When no TMA is used, the Protective Vehicle shall be strategically located to shield workers, with no specific Roll-Ahead distance.
2. Channelizing Device spacing for the downstream taper option shall be 20' O.C.
3. For signs size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M55-05.



**LEGEND**

- ◇ SIGN LOCATION
- CHANNELIZING DEVICES
- ◇ PROTECTIVE VEHICLE - RECOMMENDED

**FOR LOCAL AGENCY USE ONLY  
NOT FOR USE ON STATE ROUTES**



EXPIRES AUGUST 3, 2007

**SHOULDER CLOSURE  
~ LOW SPEED ROADWAY  
(40 MPH OR LESS)  
STANDARD PLAN K-40.40-00**

SHEET 1 OF 1 SHEET

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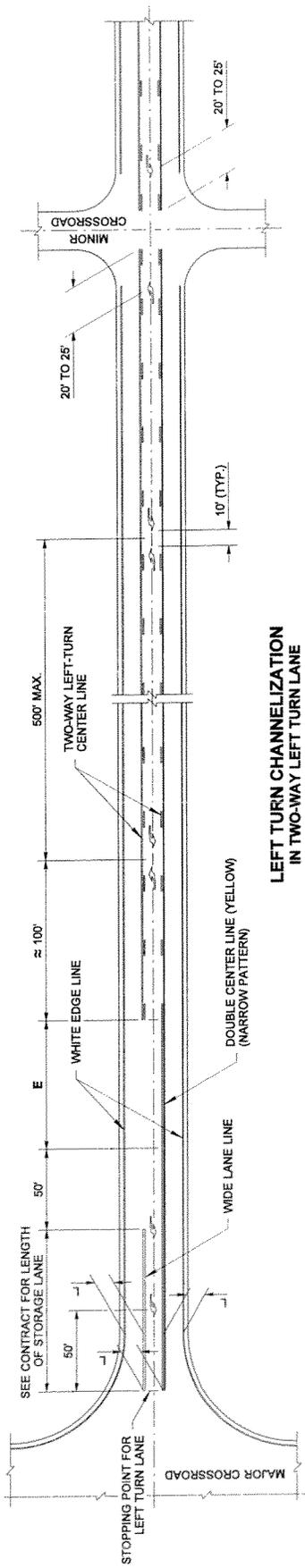
**Keri L. Smith** 02-15-07  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

G20-2A  
OR  
DOWNSTREAM TAPER TO  
SHOW END OF WORK AREA  
~ SEE NOTE 2

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THE DESIGNER HAS REVIEWED AND APPROVED FOR PUBLICATION BY THE  
PORTION. A COPY MAY BE OBTAINED UPON REQUEST.





**LEFT TURN CHANNELIZATION  
IN TWO-WAY LEFT TURN LANE**

DRAWN BY: FERN LIDDELL

**GENERAL NOTES**

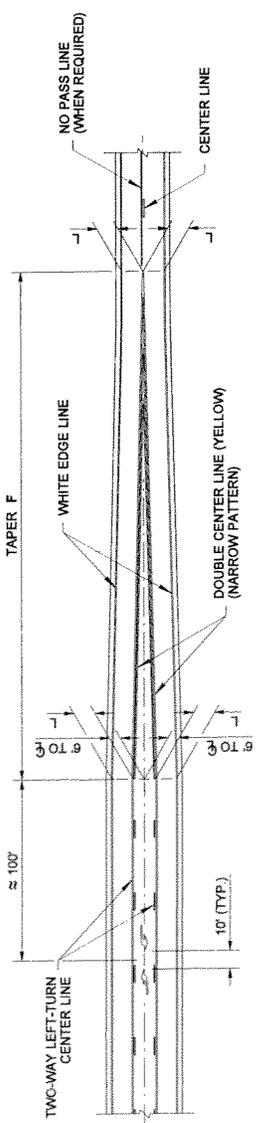
- The channelization shown on this plan assumes optimal roadway geometric design. The dimensions may vary to fit existing conditions. See Contract.
- L = 12' Typical Lane Width. See Contract for specified lane widths.

**LEGEND**

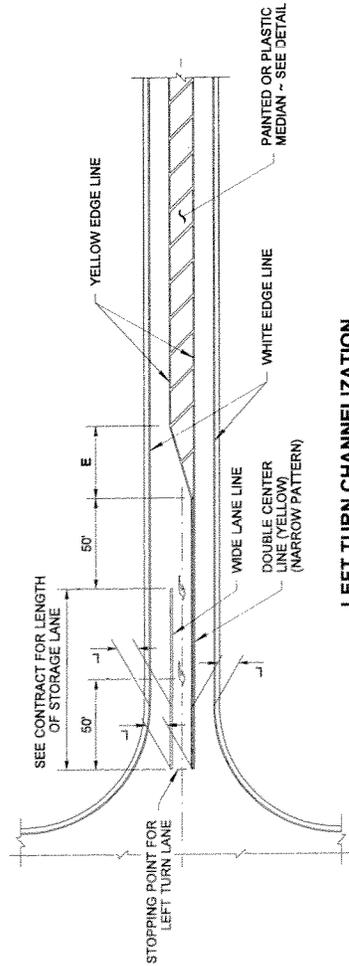
Type 2L Traffic Arrow

Can be reduced to a minimum of 50' to increase storage capacity.

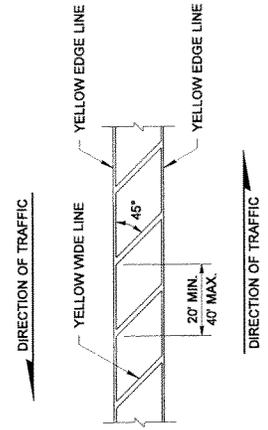
POSTED SPEED	DIMENSION E	APPROACH TAPER F
60 MPH	180'	360'
55 MPH	180'	330'
50 MPH	180'	300'
45 MPH	180'	270'
<b>LOW SPEED</b>		
40 MPH	120'	240'
35 MPH	120'	210'
30 MPH	120'	180'
25 MPH	120'	150'
20 MPH	120'	120'



**TWO-WAY LEFT TURN LANE TRANSITION**



**LEFT TURN CHANNELIZATION  
IN PAINTED MEDIAN**



**PAINTED OR PLASTIC MEDIAN  
COMPOSED OF LONGITUDINAL MARKINGS**



**TWO-WAY LEFT-TURN  
AND MEDIAN  
CHANNELIZATION  
STANDARD PLAN M-3.40-02**

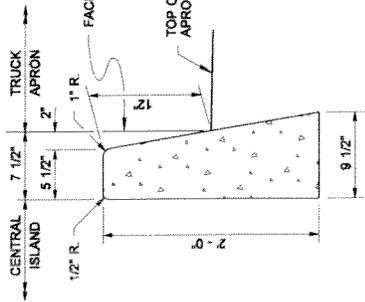
SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
**Pasco Bakotich III** 02-10-09  
STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation

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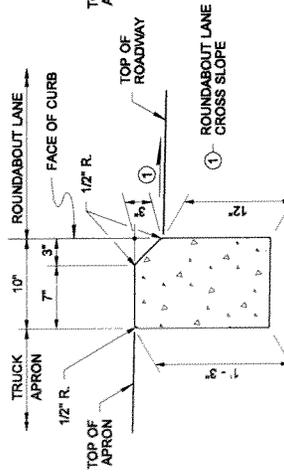


**GENERAL NOTE**

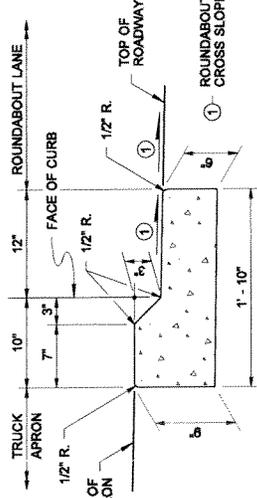
See Standard Plan F-3 for Curb Expansion and Contraction Joint Spacing.



**ROUNDABOUT CENTRAL ISLAND  
CEMENT CONCRETE CURB**



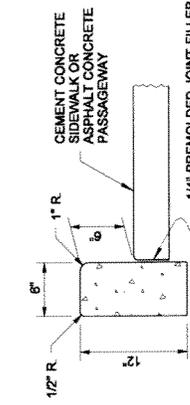
**ROUNDABOUT TRUCK APRON  
CEMENT CONCRETE CURB**



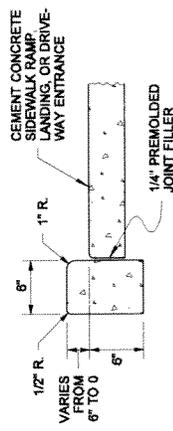
**ROUNDABOUT TRUCK APRON  
CEMENT CONCRETE  
CURB AND GUTTER**



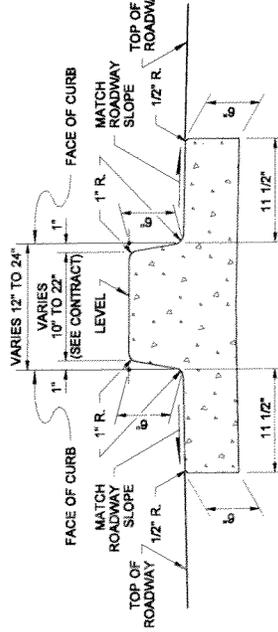
**ROUNDABOUT LANE  
CROSS SLOPE**



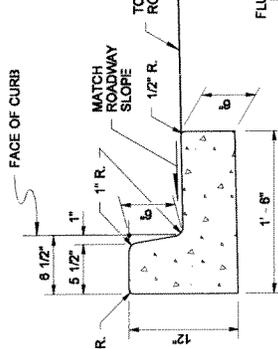
**PEDESTRIAN CURB  
CEMENT CONCRETE**



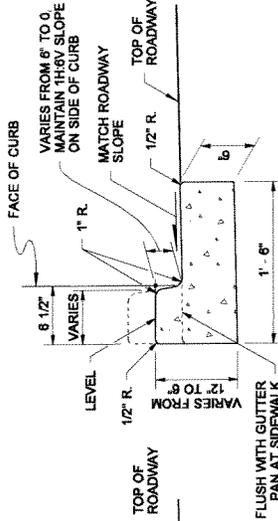
**PEDESTRIAN CURB  
CEMENT CONCRETE  
AT SIDEWALK RAMPS & LANDINGS,  
AND DRIVEWAY ENTRANCES**



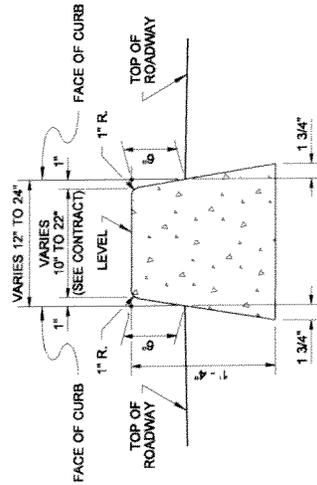
**DUAL-FACED CEMENT CONCRETE  
TRAFFIC CURB AND GUTTER**



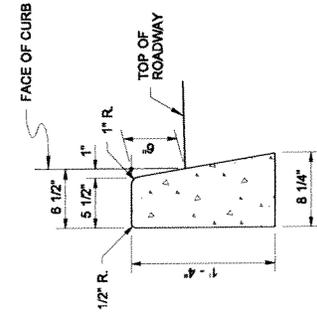
**CEMENT CONCRETE  
TRAFFIC CURB AND GUTTER**



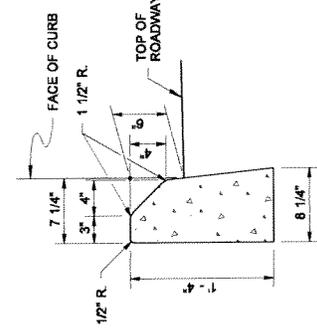
**DEPRESSED CURB SECTION  
AT SIDEWALK RAMPS AND  
DRIVEWAY ENTRANCES**



**DUAL-FACED CEMENT  
CONCRETE TRAFFIC CURB**



**CEMENT CONCRETE  
TRAFFIC CURB**



**MOUNTABLE CEMENT  
CONCRETE TRAFFIC CURB**

DRAWN BY: MARK SUKA



**CEMENT CONCRETE CURBS**

**STANDARD PLAN F-10.12-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Kevin J. Dayton 12-20-06

STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation

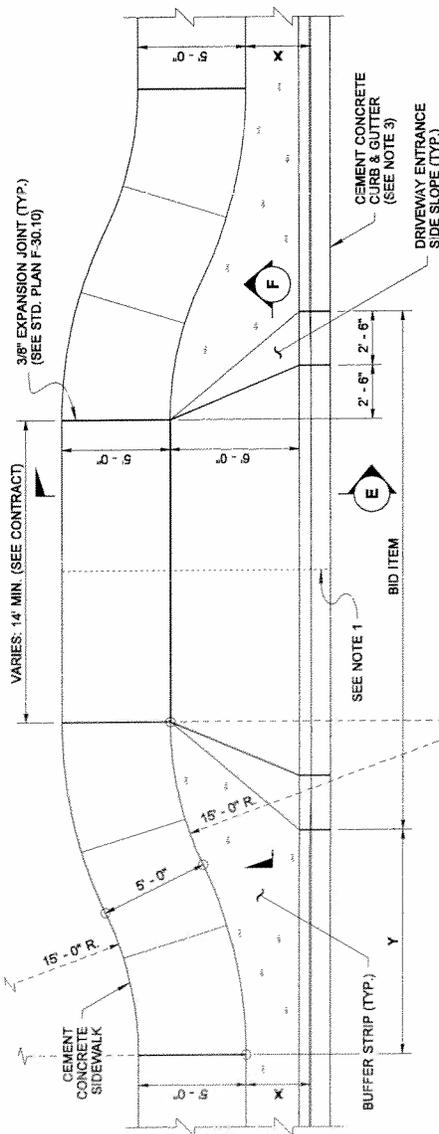


NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. THE ENGINEER HAS APPROVED FOR PUBLICATION IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.



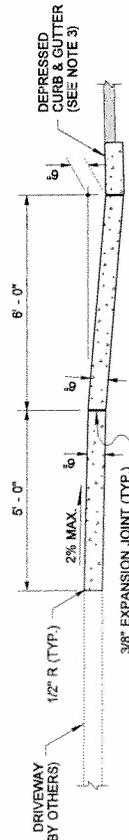




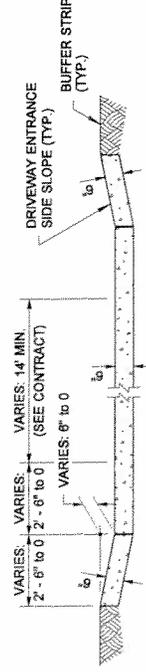


X	Y
2'-0"	12'-3"
3'-0"	10'-4"
4'-0"	8'-1"
5'-0"	5'-3 1/4"
6'-0"	1'-1 3/4"

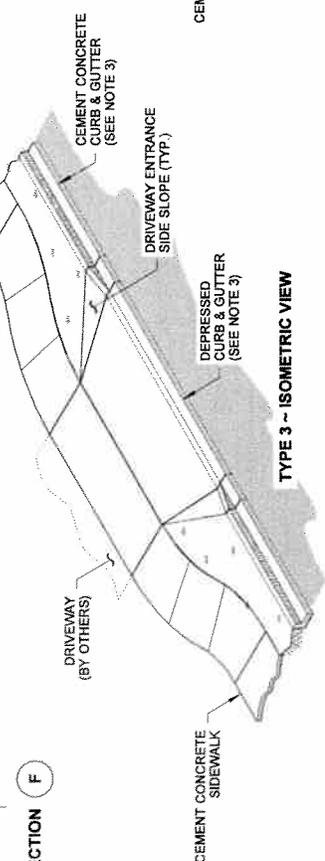
**CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 3**



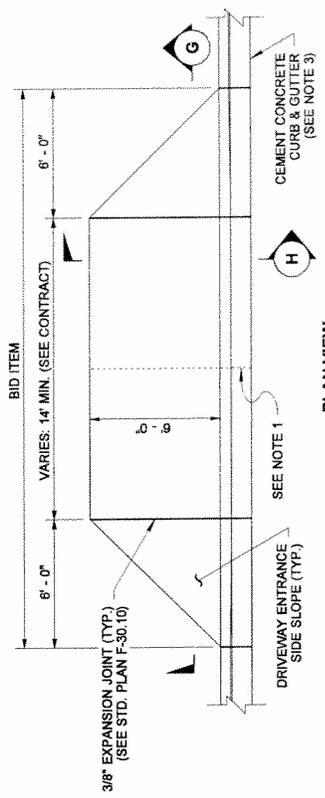
**SECTION E**



**SECTION F**

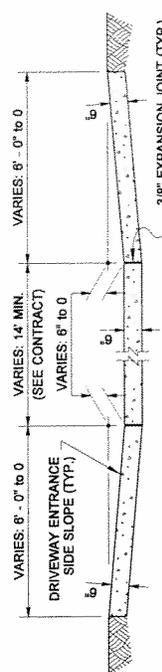


**TYPE 3 ~ ISOMETRIC VIEW**

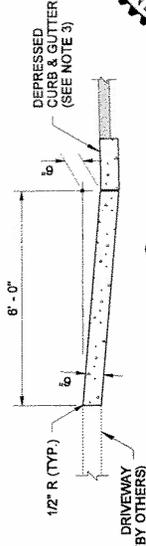


**PLAN VIEW**

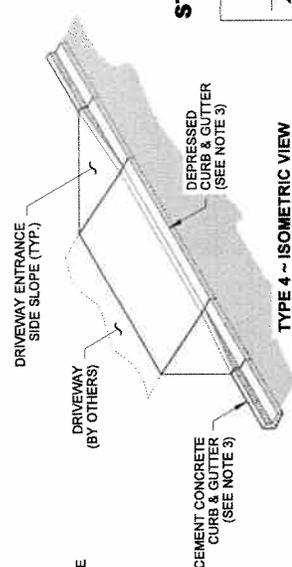
**CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 4**  
THIS ENTRANCE SHALL NOT BE USED ON AN ADA ACCESSIBLE PEDESTRIAN ROUTE



**SECTION G**



**SECTION H**



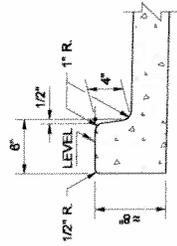
**TYPE 4 ~ ISOMETRIC VIEW**



**CEMENT CONCRETE DRIVEWAY ENTRANCE TYPES 1, 2, 3 & 4**  
**STANDARD PLAN F-80.10-00**  
SHEET 2 OF 2 SHEETS

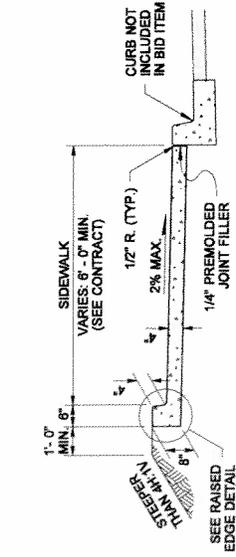
APPROVED FOR PUBLICATION  
**Ken L. Smith**  
STATE DESIGN ENGINEER  
Washington State Department of Transportation  
DATE: **01-23-07**



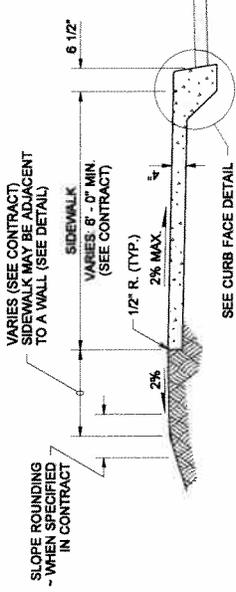


NOTE: EXTEND SIDEWALK TRANSVERSE JOINTS TO INCLUDE RAISED EDGE

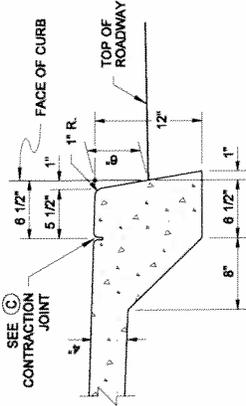
RAISED EDGE DETAIL



CEMENT CONCRETE SIDEWALK WITH RAISED EDGE

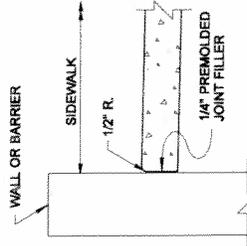


MONOLITHIC CEMENT CONCRETE CURB AND SIDEWALK

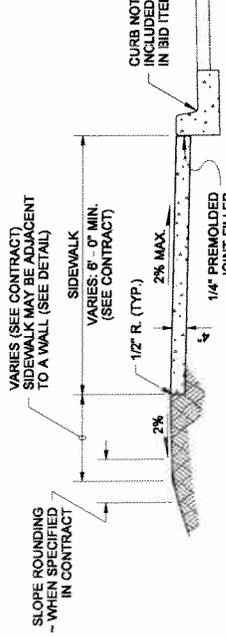


CURB FACE DETAIL

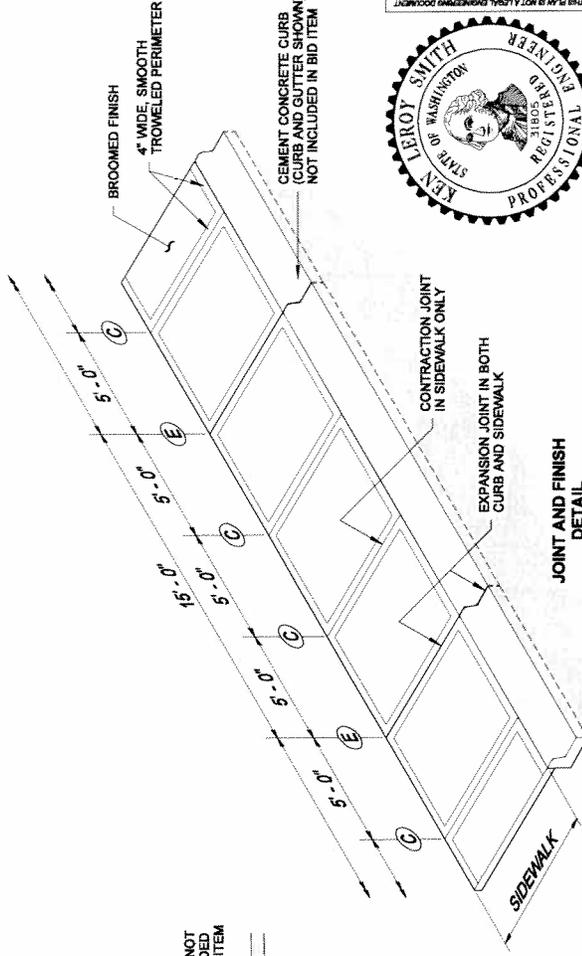
NOTE: EXTEND SIDEWALK TRANSVERSE EXPANSION JOINTS TO INCLUDE CURB (PULL DEPTH)



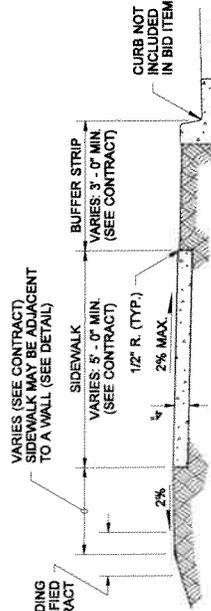
SIDEWALK ADJACENT TO WALL DETAIL



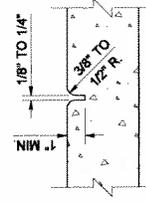
CEMENT CONCRETE SIDEWALK ADJACENT TO CURB



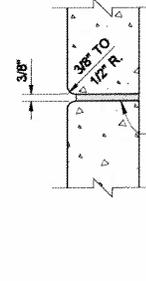
JOINT AND FINISH DETAIL



CEMENT CONCRETE SIDEWALK ADJACENT TO BUFFER STRIP



CONTRACTION JOINT



EXPANSION JOINT



EXPIRES AUGUST 26, 2007

**CEMENT CONCRETE SIDEWALK**

**STANDARD PLAN F-30.10-00**

SHEET 1 OF 1 SHEET

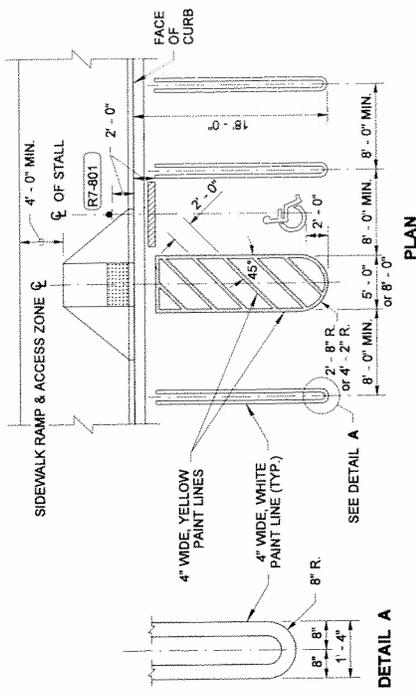
APPROVED FOR PUBLICATION

Ken L. Smith 01-23-07

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation





**ALTERNATIVE PARKING STALL MARKINGS**  
USE ONLY WHEN SPECIFIED IN THE CONTRACT

**NOTES**

1. Three, four and five accessible stall arrangements may be either 60° (angled) or 90° (perpendicular) parking arrangements. See Contract.
2. An Access Parking Space Symbol is required for each accessible parking stall. A blue background and white border are required when the symbol is installed on a cement concrete surface.
3. All accessible stalls shall have wheel stops. Place wheel stops in other stalls when specified in the contract. Wheel stops shall be approximately 6' high and a minimum of 6' long.
4. Refer to the Standard Plans for sidewalk ramp, detectable warning pattern, and curb details.

**LEGEND**

- Reserved Parking Sign and post with R7-801(A) Plaque, if indicated (See Sign Fabrication Manual)
- Access Parking Space Symbol
- Manufactured wheel stop
- Detectable Warning Pattern



EXPIRES: AUGUST 3, 2019

**PARKING SPACE LAYOUTS**

**STANDARD PLAN M-17-10-02**

SHEET 1 OF 1 SHEET

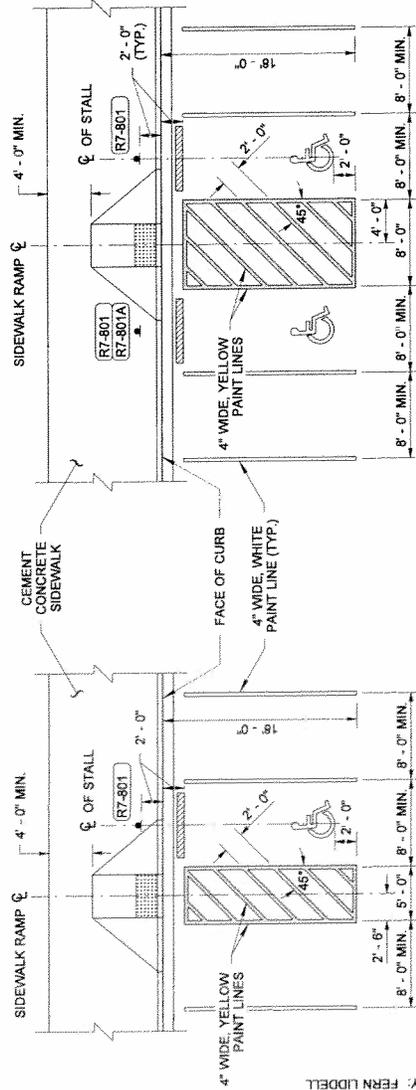
APPROVED FOR PUBLICATION

DATE 07-03-08

Pasco Bakotich III

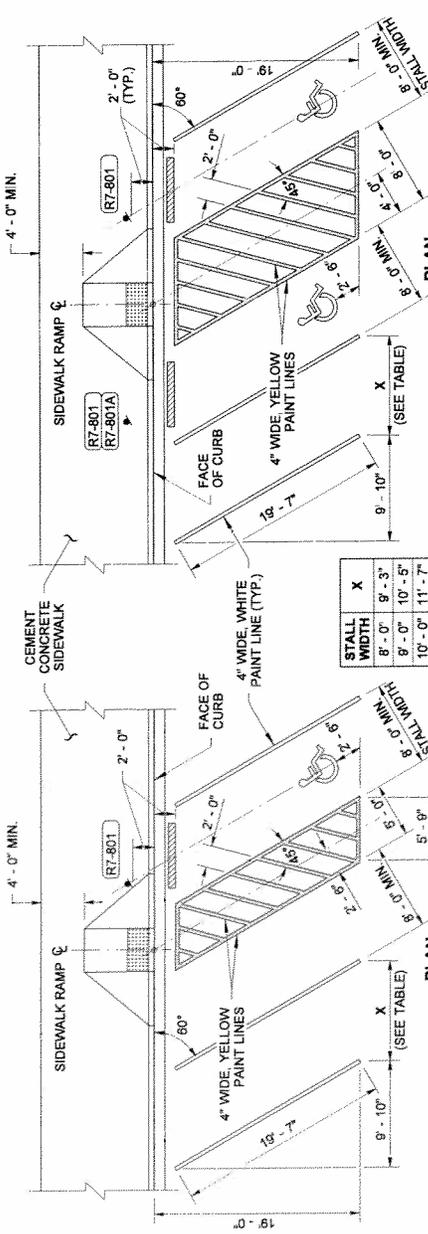
STATE DESIGN ENGINEER

Washington State Department of Transportation



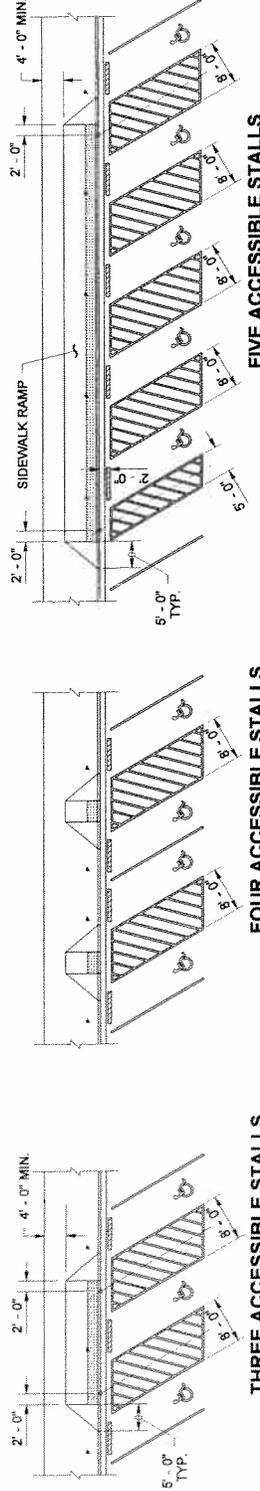
**PLAN TWO ACCESSIBLE STALLS 90° PARKING STALL ARRANGEMENT**

**PLAN ONE ACCESSIBLE STALL 90° PARKING STALL ARRANGEMENT**



**PLAN TWO ACCESSIBLE STALLS 60° PARKING STALL ARRANGEMENT**

**PLAN ONE ACCESSIBLE STALL 60° PARKING STALL ARRANGEMENT**

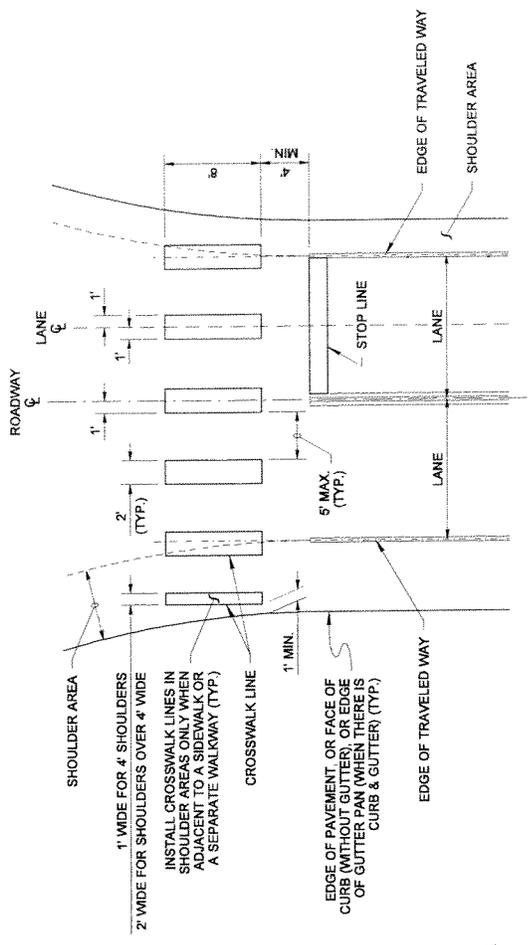


**THREE ACCESSIBLE STALLS**

**FOUR ACCESSIBLE STALLS**

**FIVE ACCESSIBLE STALLS**





DETAIL

NOTES

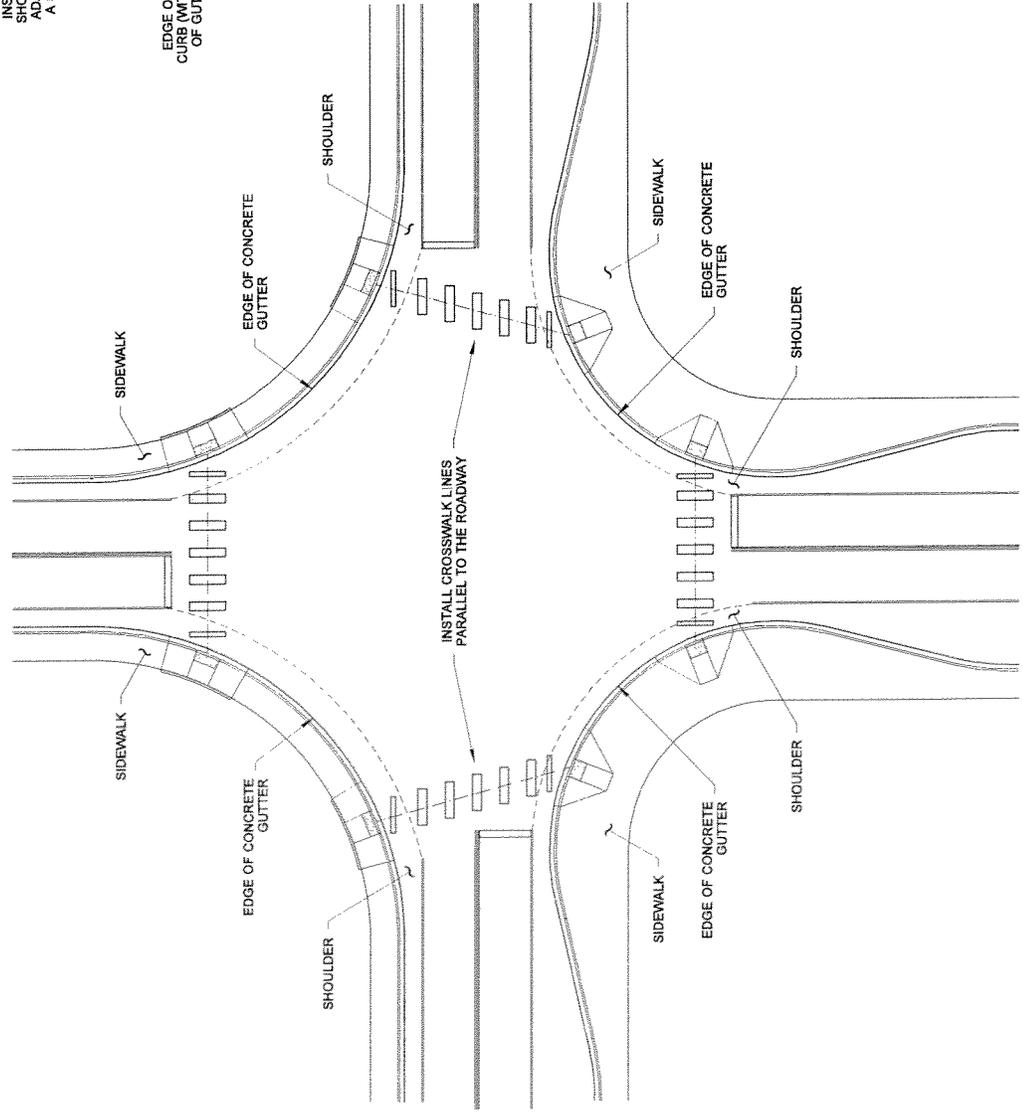
1. See the Contract Plans for locations of crosswalk centerlines.
2. To the maximum extent possible, curb ramp centerline should be perpendicular to the crosswalk centerline.
3. To the maximum extent possible, crosswalks should be perpendicular to the centerline of the traveled way.

THEODORE J. TREPANIER  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
25,335  
EXPIRES AUGUST 9, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS ELECTRONICALLY SIGNED BY THE ENGINEER AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION. A COPY MUST BE OBTAINED FROM WESBART.

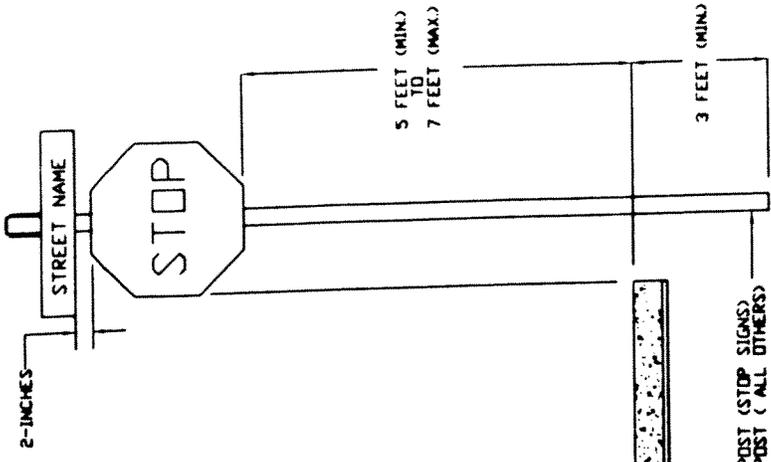
CROSSWALK LAYOUT  
STANDARD PLAN M-15-10-01

SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
Ken L. Smith  
STATE DESIGN ENGINEER  
02-06-07  
DATE  
Washington State Department of Transportation



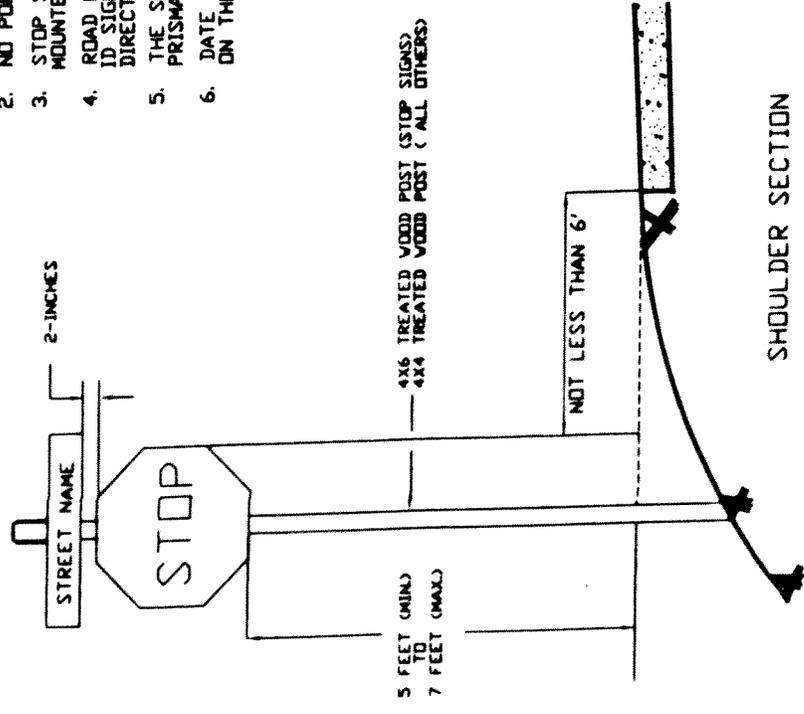
TYPICAL APPLICATIONS





**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.



CURB SECTION

SHOULDER SECTION

NOT TO SCALE

STOP SIGN SECTION VIEW

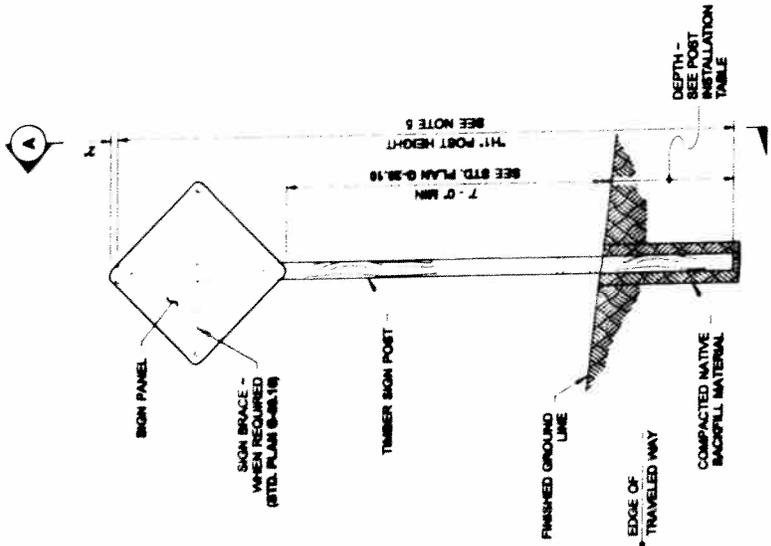
GRANT COUNTY  
PUBLIC WORKS DEPARTMENT

ROADWAY  
STANDARDS

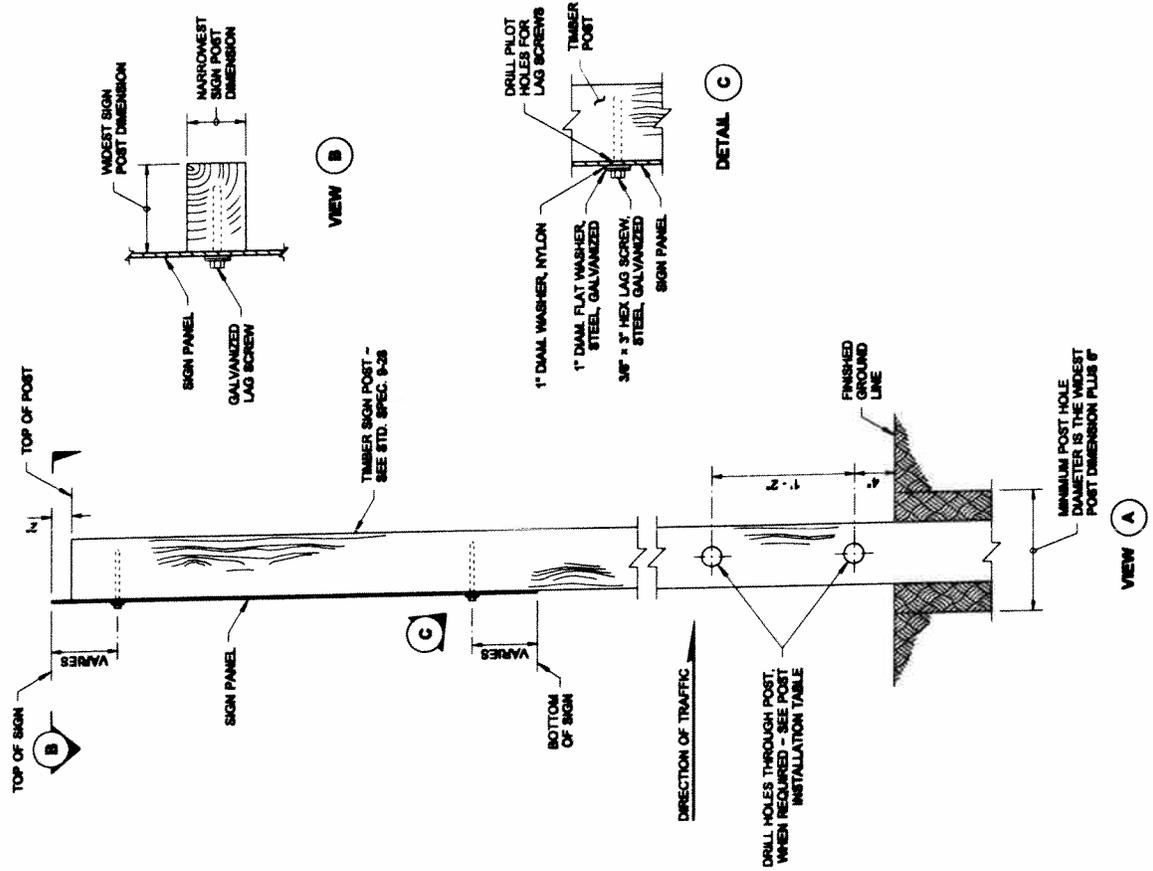
STOP SIGN  
INSTALLATION

APPENDIX B  
FIGURE 4-1





ELEVATION VIEW  
SINGLE POST INSTALLATION



VIEW B

VIEW A

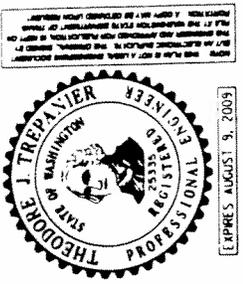
DETAIL C

NOTES

1. Notch is only required with multiple post installations.
2. 6x10, 8x10, and 8x12 Timber Sign Posts cannot be made breakaway and do not have holes or notches. These posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.
3. Signs with a width less than 12 feet and supported on three 6x6 or 8x6 posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.
4. Signs with a width less than 17 feet and supported on four 6x6 or 8x6 posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.
5. For "X", "Y", "H1", "H2", "H3", and "H4" refer to the Sign Specification Sheet in the Contract.
6. For 6x6 posts and larger, 7 feet minimum spacing is required between posts.

POST SIZE (NOM.)	DEPTH	HOLE DIAMETER	NOTCH DEPTH (SEE NOTE 1)
4x4	3'-0"	NOT REQD	NOT REQD
4x6	4'-0"	1 1/2"	1 1/2"
6x6	4'-0"	7"	7"
6x8	5'-0"	SEE NOTE 3 & 4	SEE NOTE 3 & 4
8x10	6'-0"	SEE NOTE 2	SEE NOTE 2
8x12	7'-0"	SEE NOTE 2	SEE NOTE 2

POST INSTALLATION TABLE



**TIMBER SIGN SUPPORT**

**STANDARD PLAN G-22.10-01**

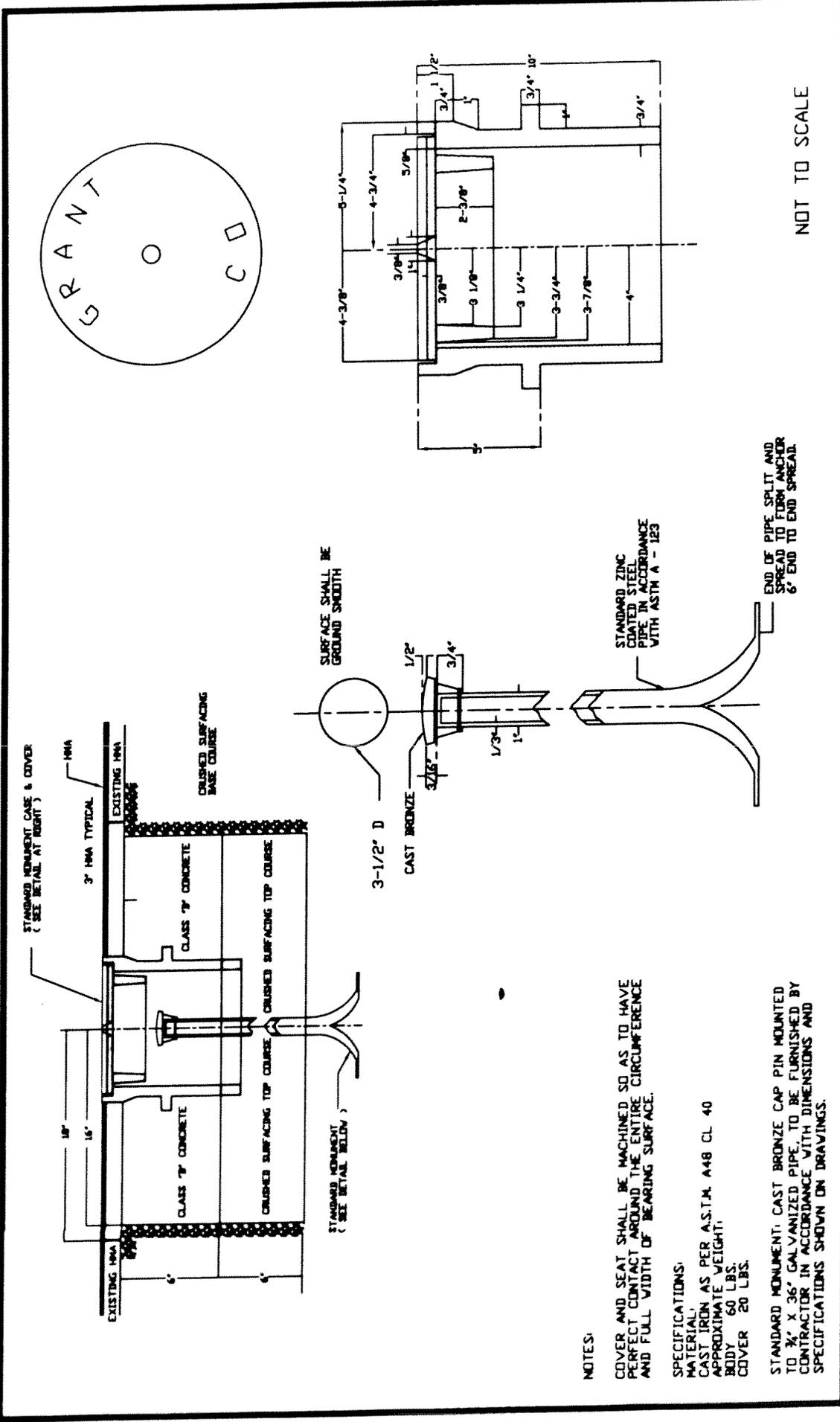
SHEET 1 OF 3 SHEETS

APPROVED FOR PUBLICATION

**Pasco Bakrotch III** 07-03-08  
WEST COAST ENGINEERS DATE

Washington State Department of Transportation





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:

MATERIAL:  
 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.

GRANT COUNTY  
PUBLIC WORKS DEPARTMENT

ROADWAY  
STANDARDS

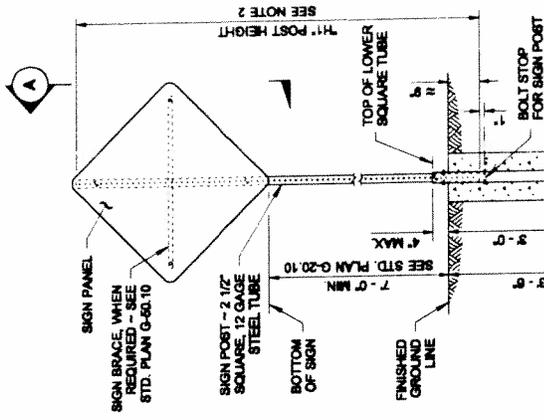
MONUMENT

APPENDIX B  
FIGURE 4-2

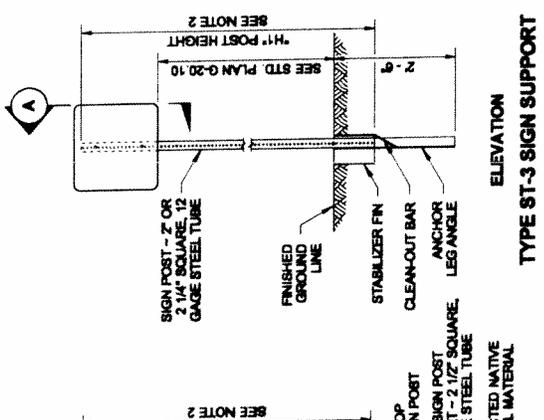


**NOTES**

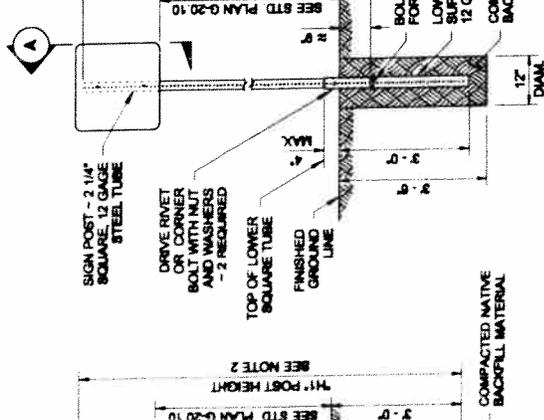
- Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are fabricated, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled.
- For "H1" refer to the Sign Specification Sheet in the Contract.



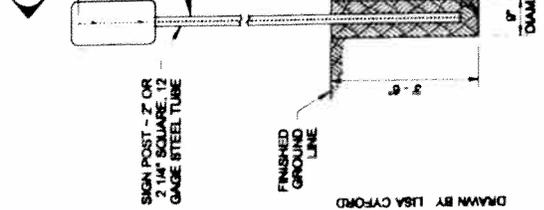
**ELEVATION**  
**TYPE ST-1 SIGN SUPPORT**



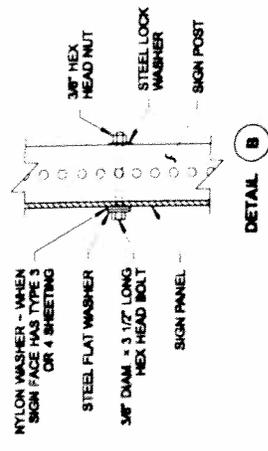
**ELEVATION**  
**TYPE ST-2 SIGN SUPPORT**



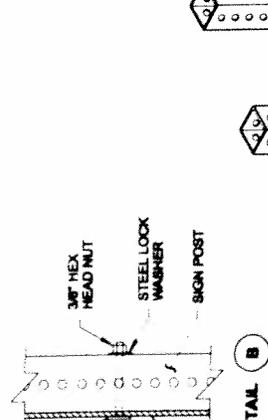
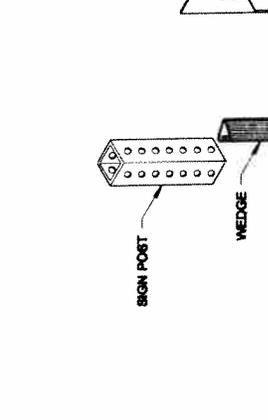
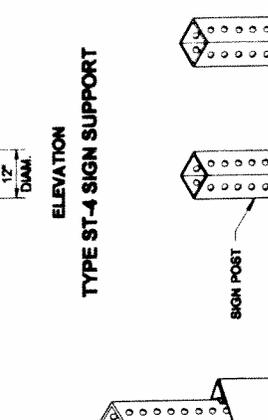
**ELEVATION**  
**TYPE ST-3 SIGN SUPPORT**



**ELEVATION**  
**TYPE ST-4 SIGN SUPPORT**



**DETAIL B**



**THEODORE J. TREPANIER**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WASHINGTON  
25335 5TH AVE. N.E.  
BELLEVUE, WA 98004  
PHONE: 206-461-1111  
FAX: 206-461-1112  
E-MAIL: T.J.TREPANIER@TJTECH.COM  
WWW.TJTECH.COM

DATE: 11-8-07  
EXPIRES: AUGUST 9, 2009

**STEEL SIGN SUPPORT**  
**TYPES ST-1 - ST-4**  
**INSTALLATION DETAILS**  
**STANDARD PLAN G-24.50.00**

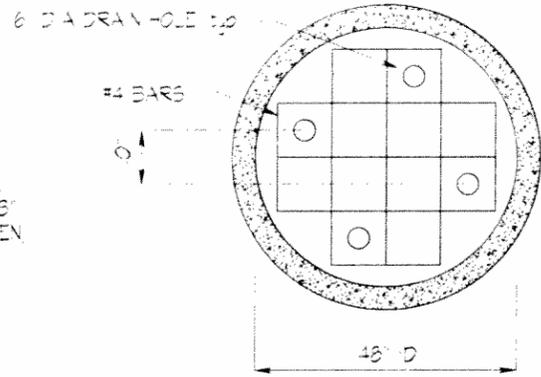
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
**Pasco Bakodich III**  
STATE ENGINEER  
DATE: 11-8-07  
Washington State Department of Transportation

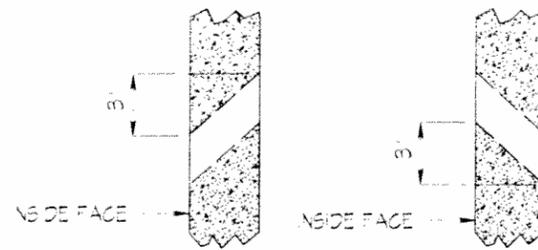


**GENERAL NOTES**

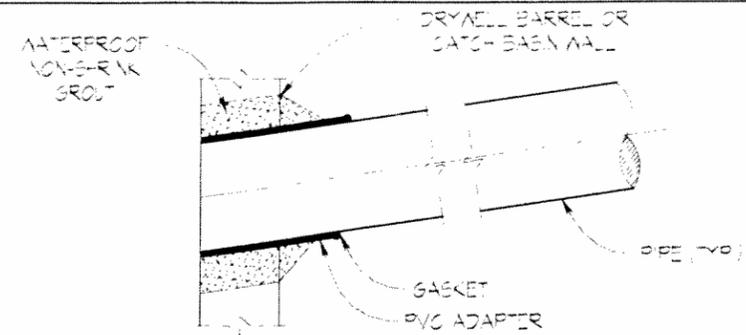
- 1. GRAVEL BACKFILL QUANTITIES FOR DRYWELLS:  
 TYPE "A" - 30 CUBIC YARDS MAXIMUM 42 TONS  
 TYPE "B" - 40 CUBIC YARDS MAXIMUM 56 TONS  
 OR AS SPECIFIED BY THE COUNTY ENGINEER.
- 2. SPECIAL BACKFILL MATERIAL FOR DRYWELLS SHALL CONSIST OF WASHED GRAVEL GRADED FROM 1" TO 3" WITH A MAXIMUM OF 5% PASSING THE NO. 200 SCREEN AS MEASURED BY HEIGHT. MAY BE CRUSHED OR FRACTURE ROCK. THE REMAINING 90% SHALL BE NATURALLY OCCURRING UNFRACTURED MATERIAL.
- 3. ADJ. BLOCKS SHALL BE CEMENT CONCRETE.
- 4. PRECAST RISER MAY BE USED IN COMBINATION WITH OR IN LIEU OF ADJUSTMENT BLOCKS.
- 5. WHEN PVC PIPE IS USED A PVC ADAPTER SHALL BE INSTALLED.
- 6. PIPES SHALL BE GROUTED INTO DRYWELLS.



**BASE DETAIL**



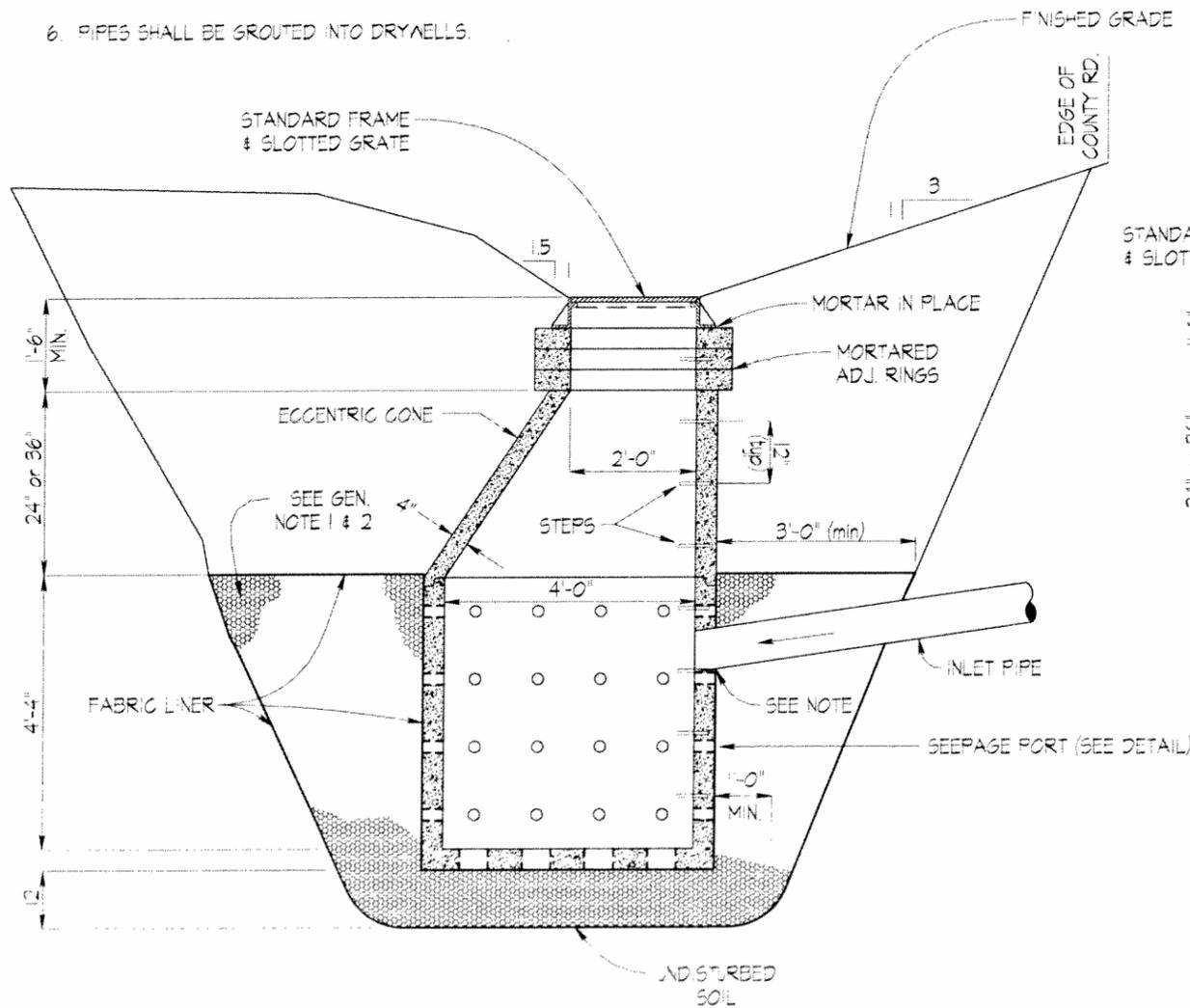
**SEEPAGE PORT DETAIL**



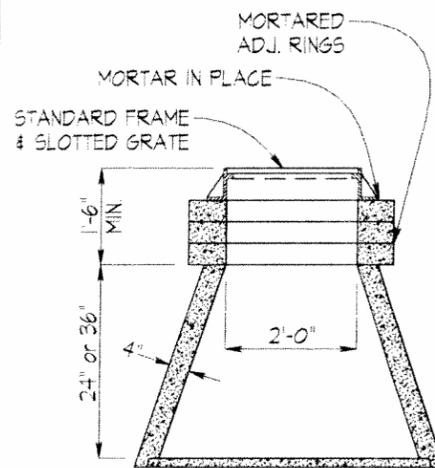
**PVC ADAPTER (SAND COLLAR)**

**NOTE:**

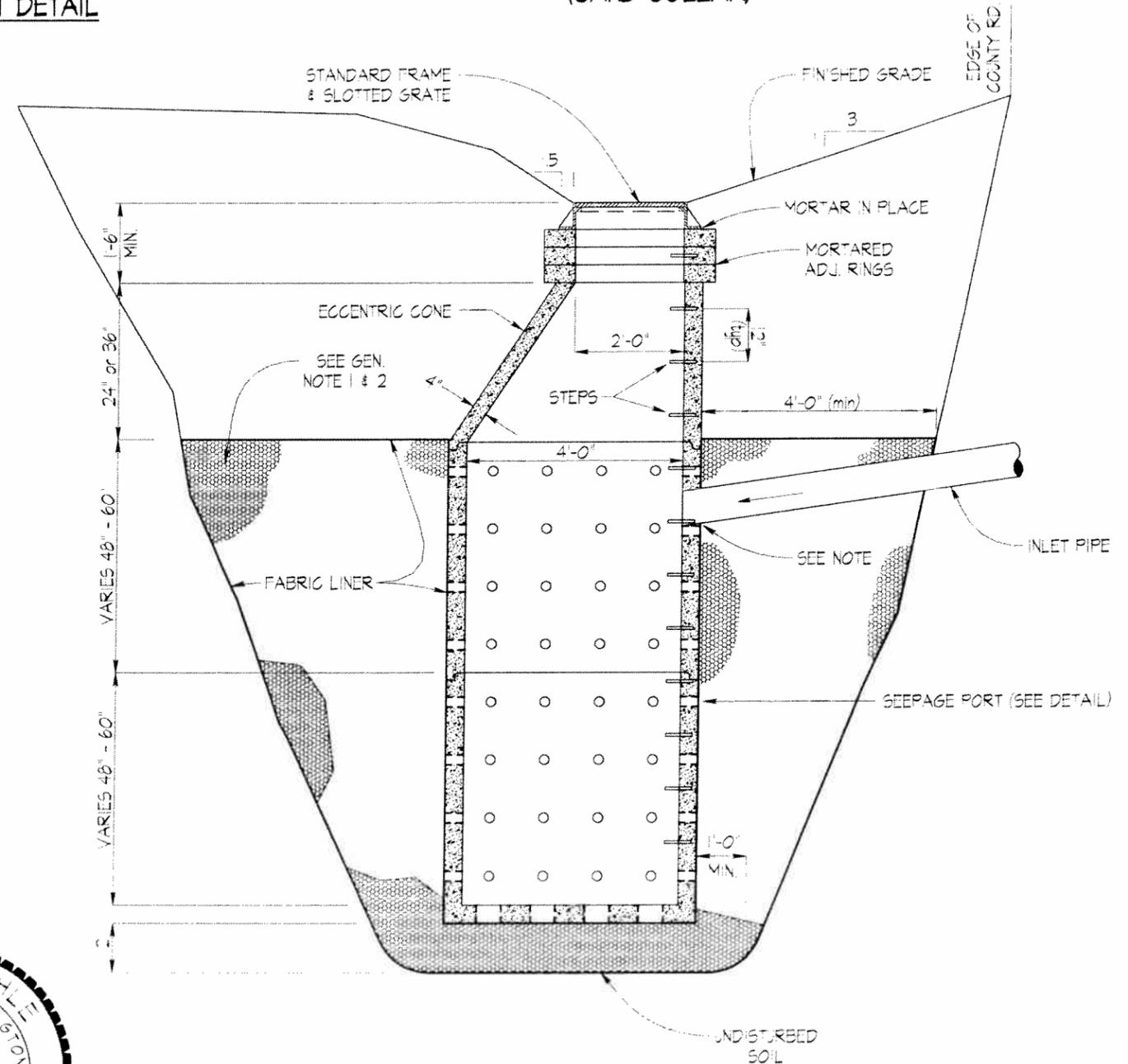
PVC PIPE ADAPTERS AND GASKET MAY VARY IN SHAPE AND SIZE AS ILLUSTRATED IN DETAIL BY ACCEPTABLE ALTERNATE IN ACCORDANCE WITH A.S.T.M. - C - 428.



**DRYWELL - TYPE "A"**



**CONCENTRIC CONE**



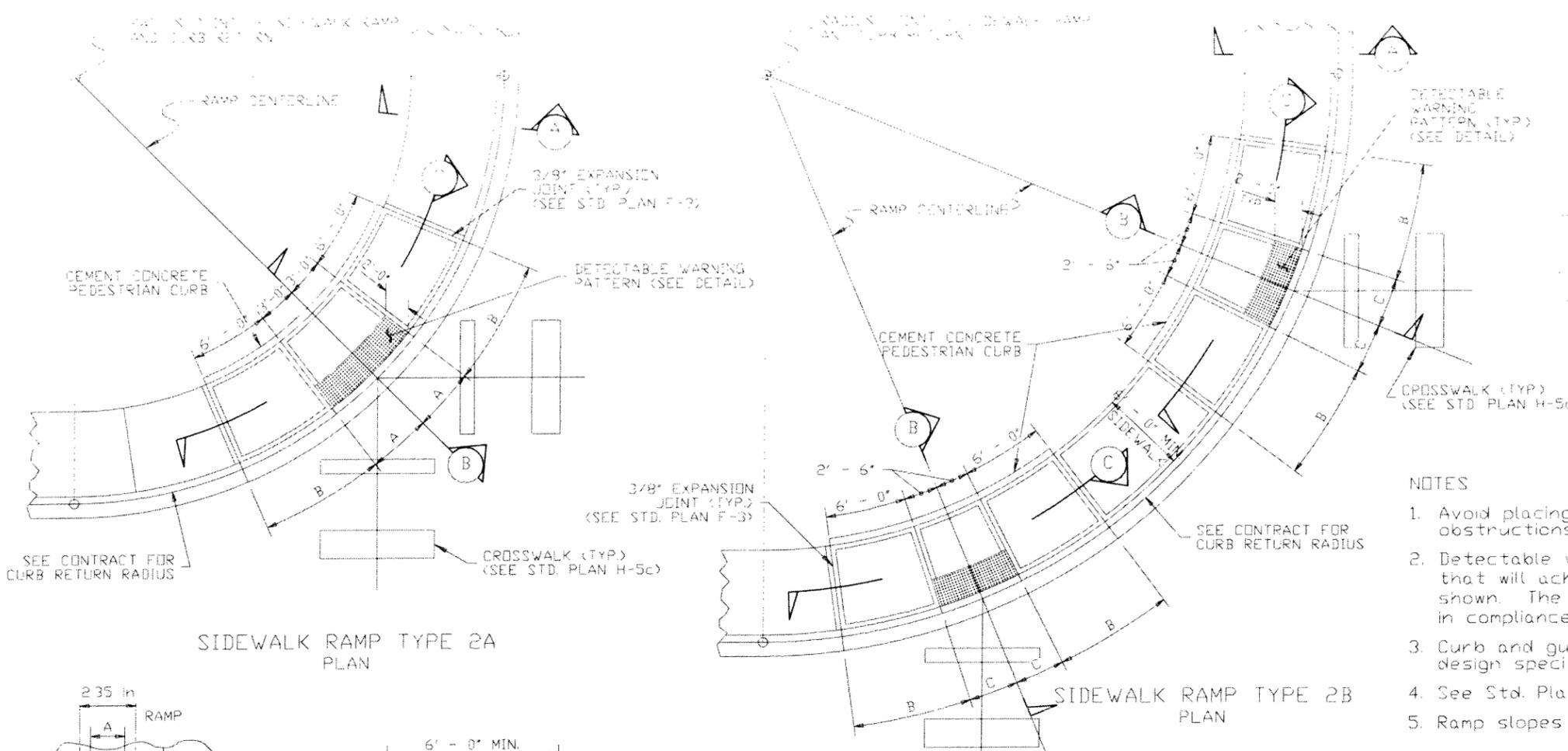
**DRYWELL - TYPE "B"**



EXP RES 02/04/09

GRANT COUNTY  
 DEPARTMENT OF PUBLIC WORKS

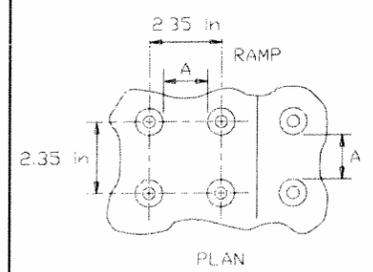
EPHRATA, WA. 98823 PHONE 754-6082 FAX 754-6081



RAISED SIDEWALK RAMP WIDTH (FEET)	A	B	C
30 FEET	4' - 0 1/4"	8' - 0 1/2"	3' - 8 1/2"
40 FEET	3' - 10"	7' - 8"	3' - 2 1/4"
50 FEET	3' - 6 1/2"	6' - 10 3/4"	2' - 10 1/2"
60 FEET	3' - 4 1/2"	6' - 8 3/4"	2' - 9 1/2"
70 FEET	3' - 3 3/4"	6' - 7 1/2"	2' - 9"
80 FEET	3' - 3 1/4"	6' - 6 1/2"	2' - 8 1/2"
90 FEET	3' - 3 1/4"	6' - 5 1/2"	2' - 8 1/4"
100 FEET	3' - 2 1/2"	6' - 5"	2' - 8"

INTERMEDIATE RADII CAN BE INTERPOLATED

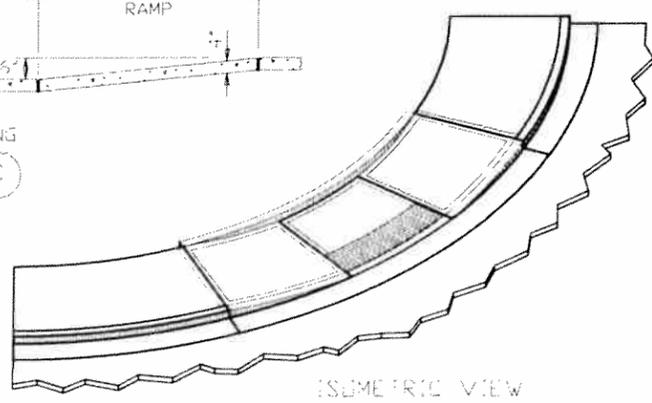
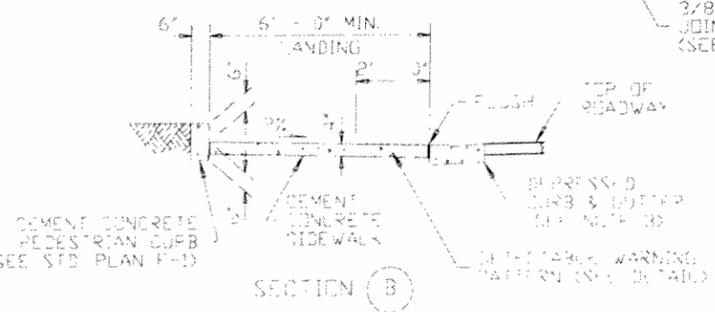
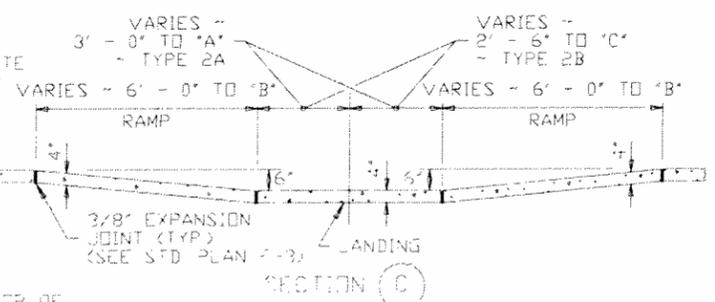
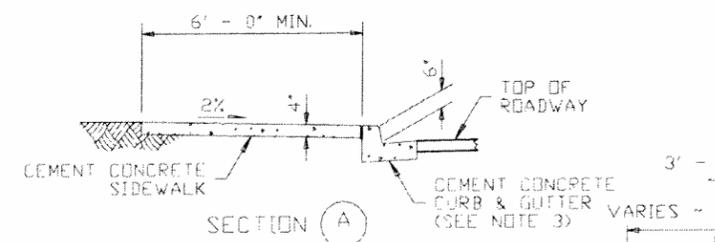
- NOTES**
1. Avoid placing drainage structures, junction boxes or other obstructions in front of ramp access areas.
  2. Detectable warning patterns may be created by any method that will achieve the truncated dome dimensions and spacing shown. The detectable warning pattern area shall be yellow, in compliance with Std. Spec. 8-14.3(3).
  3. Curb and gutter shown, see the Contract Plans for the curb design specified. See Std. Plan F-1 for curb details.
  4. See Std. Plan F-3 for sidewalk joint placement and details.
  5. Ramp slopes shall not be steeper than 12H:1V.



	MIN.	MAX.
A	5/8"	1 1/2"
B	7/16"	3/4"



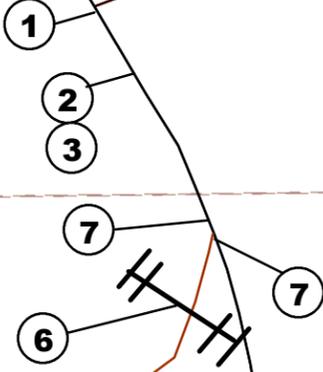
TRUNCATED DOMES (SEE NOTE 2)  
DETECTABLE WARNING PATTERN DETAIL



SIDEWALK RAMP TYPES 2A & 2B



09



# AIRWAY DRIVE REALIGNMENT

## CRP: 09-01 PROJ #4001

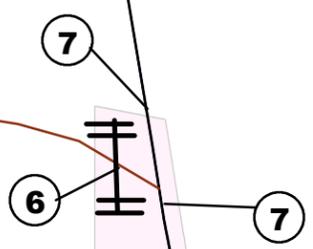
### CONSTRUCTION SIGN PLAN

#### 2 OF 2

TYPE III BARRICADE		
①		
②		
③		
④		
⑤		
⑥		
⑦		

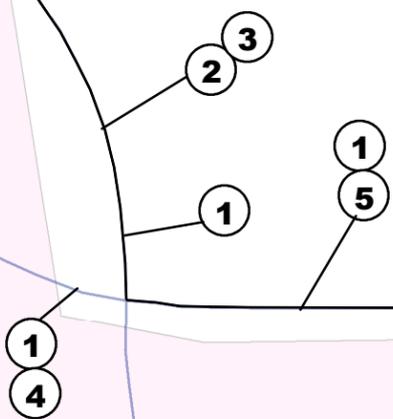


AIRWAY DR  
SSB 201



16

Moses Lake



VALLEY RD





# SUMMARY OF QUANTITIES

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM DESCRIPTION	Group #1 Airway Drive County Fair Funds	Group #2 Fairground Path ARRA / County Road Funds	Group #3 Parking Lot Area County Fair Funds	Group #4 Extra Fairgrounds Roads County Fair Funds	
<b>PREPARATION</b>								
1	100%	L.S.	Mobilization	50%	5%	45%		
2	100%	L.S.	Notification	50%	5%	45%		
3	100%	L.S.	Clearing & Grubbing	35%	5%	60%		
4	100%	L.S.	Removal of Structures and Obstructions	20%		80%		
5	600	L.F.	Removing Paint Line	600				
<b>GRADING</b>								
6	10,585	S.Y.	Rotomilling Bituminous Pavement	10,585				
7	12,320	C.Y.	Roadway Excavation Including Haul	1,285	250	10,785		
8	9,010	C.Y.	Embankment Compaction	2,865	100	6,045		
9	2,500	C.Y.	Borrow Excavation Including Haul	2,500				
<b>DRAINAGE</b>								
10	5	Each	Drywell Type A with 12" Riser	5				
11	600	C.Y.	Gravel Backfill for Drywells	600				
12	5	Each	Catch Basin Type I	5				
13	120	L.F.	Soild Wall PVC Storm Sewer Pipe 10" Diam.	120				
14	45	C.Y.	Gravel Backfill for Pipe Zone Bedding	45				
15	250	S.F.	Shoring or Extra Excavation Class B	250				
<b>SURFACING</b>								
16	3,325	TONS	Crushed Surfacing Base Course	3,325				
17	11,165	TONS	Crushed Surfacing Top Course	1,700	365	8,500	600	
<b>HOT MIX ASPHALT</b>								
18	3,320	TONS	HMA Class 1/2" incl. PG64-28 Paving Asphalt	1,900		1,020	400	
19	240	TONS	HMA Class 1/2" incl. PG64-28 Paving Asphalt for 8' Wide Sidewalk		240			
<b>TRAFFIC</b>								
20	4,895	L.F.	Cement Concrete Traffic Curb and Gutter	2,095	2,365	435		
21	175	S.Y.	Concrete Sidewalk		80	95		
22	25	S.Y.	Cement Concrete Driveway Entrance Type I		25			
23	4	Each	Cement Concrete Sidewalk Ramp Type 2A, Detectable Warning Area	2		2		
24	2	Each	HMA Sidewalk Ramp Type 2A, Detectable Warning Area		2			
25	8	Each	Detectable Warning Area			8		
26	4,050	L.F.	Painted Two-Way Left Turn Center Line	4,050				
27	700	L.F.	Painted Double Yellow Center Line	700				
28	40	Each	Painted Access Parking Space Symbol with Background			40		
29	10	Each	Plastic Type 2L Traffic Arrow	10				
30	544	S.F.	Plastic Crosswalk Line		224	320		
31	53	L.F.	Plastic Stop Line	53				
32	100	L.F.	Plastic Wide Line	100				
33	19	Each	Move and Reset Existing 65' Long Concrete Piles			19		
34	3,452	L.F.	Traffic Parking Berm			3,452		
35	730	L.F.	Conduit, Rigid PVC Sch. 40, 2" Diam. including Excavation and Bedding			730		

NOTE: For Special Features See Special Provisions.

**GRANT COUNTY PUBLIC WORKS DEPARTMENT**  
 124 ENTERPRISE ST. SE  
 EPHRATA, WASHINGTON 98823  
 (509) 754-6082 FAX (509) 754-6087



## AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH

CRP 09-01 & 08-14

DESIGNED BY:	JEFF TINCHER
DRAWN BY:	JEFF TINCHER
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	ARRA-6065(004)



SHEET 2

OF 14



# 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.	Drywell Type A	Catch Basin Type I	Crushed Surfacing Top Course	Concrete Sidewalk	Concrete Driveway Entrance Type I	Conc. Ramp Type 2A, Det. Warning Area	HMA Ramp Type 2A, Det. Warning Area	Detectable Warning Area	Plastic Type 2L Traffic Arrow	Plastic Crosswalk Line	Plastic Stop Line	Move & Reset Existing 65' Conc. Files	Traffic Parking Berm	Conduit PVC Sch. 40, 2" Dia Exc. & Bedding	Monument	REMARKS
					Each	Each	Ton	S.Y.	S.Y.	Each	Each	Each	Each	S.F.	L.F.	Each	L.F.	L.F.	Each	
6-1	STA. 12+35 to 12+50	L	PLAN	C			15		25											1,6
6-2	STA. 12+74.44	CL	PLAN	MON															1	5
6-3	STA. 13+00	CL	PLAN										2							
6-4	STA. 14+55 to 14+80	R	PLAN	C			45													1,2,6
6-5	STA. 15+10	CL	PLAN															60		
7-1	STA. 16+06 to 16+30	L	PLAN	C			15													1,3,6
7-2	STA. 16+30	CL	PLAN										2							
7-3	STA. 18+90.52	CL	PLAN	MON															1	5
7-4	STA. 19+00	CL	PLAN										2							
7-5	STA. 19+75	CL	PLAN															60		
7-6	STA. 20+11	R	PLAN		1															
7-7	STA. 20+22	R	PLAN			1														
7-8	STA. 20+30 to 20+60	R	PLAN	Road			75													1,6
7-9	STA. 20+50	R	PLAN												18					
7-10	STA. 20+79	R	PLAN								1									
7-11	STA. 20+79	R	PLAN											112						
7-12	STA. 20+79	R	PLAN							1										
7-13	STA. 21+35	CL	PLAN										1							
7-14	STA. 21+50 to 21+70	L	PLAN	C			15													1,3,6
8-1	STA. 21+85	CL	PLAN										1							
8-2	STA. 22+02	L	PLAN			1														
8-3	STA. 22+17	L	PLAN		1															
8-4	STA. 22+02	R	PLAN			1														
8-5	STA. 22+17	R	PLAN		1															
8-6	STA. 22+49.46	CL	PLAN	MON															1	5
8-7	STA. 25+36 to 25+52	R	PLAN	Road			30													1,6
8-8	STA. 225+48	R	PLAN												15					
8-9	STA. 26+61.83	CL	PLAN	MON															1	5
9-1	STA. 28+58	R	PLAN			1														
9-2	STA. 28+73	R	PLAN		1															
9-3	STA. 28+75	CL	PLAN										2							
9-4	STA. 29+25	CL	PLAN															60		
9-5	STA. 30+35	L	PLAN		1															
9-6	STA. 30+45	L	PLAN			1														
9-7	STA. 30+62.30	CL	PLAN	MON															1	5
9-8	STA. 30+90 to 31+10	L	PLAN	C			15													1,3,6
9-9	STA. 32+00	CL	PLAN															60		
9-10	STA. 32+35 to 32+70	R	PLAN	Road			75													1,6
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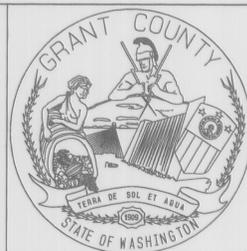
## GENERAL NOTES

- 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

1. Field adjust termini as directed by the engineer.
2. Depress Curb per Typical Approach Detail, Sheet #13
3. Per Typical Approach Detail, Sheet #13
4. Install Parking Berm per Detail, Sheet #13
5. Install monument and monument case per standard plans.
6. Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.

NOTE: For Special Features See Special Provisions.

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## AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH

CRP 09-01 & 08-14

DESIGNED BY: JEFF TINCHER  
 DRAWN BY: JEFF TINCHER  
 CHECKED BY: DEREK POHLE  
 REVISIONS BY:  
 DATE REVISED:  
 FEDERAL AID NO.: ARRA-6065(004)



SHEET 4

OF 14

# STRUCTURE NOTES

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CODE	LOCATION	R/L	ELEV.	MISC.	Drywell Type A Each	Catch Basin Type I Each	Crushed Surfacing Top Course Ton	Concrete Sidewalk S.Y.	Concrete Driveway Entrance Type I S.Y.	Conc. Ramp Type 2A, Det. Warning Area Each	HMA Ramp Type 2A, Det. Warning Area Each	Detachable Warning Area Each	Plastic Type 2L Traffic Arrow Each	Plastic Crosswalk Line S.F.	Plastic Stop Line L.F.	Move & Reset Existing 65' Conc. Piles Each	Traffic Parking Berm L.F.	Conduit PVC Sch. 40 2" Dia. Exc. & Bedding L.F.	Monument Each	REMARKS
9-11	STA. 32+62	R	PLAN												20					
9-12	STA. 32+80	L	PLAN																	
9-13	STA. 32+80	CL	PLAN											112						
9-14	STA. 32+80	R	PLAN																	
11-1	STA. 100+40 to 104+30	L	PLAN														390			4
11-2	STA. 100+95 to 104+30	L	PLAN														335			4
11-3	STA. 101+85 to 104+30	L	PLAN														245			4
11-4	STA. 104+30	L	PLAN																	
11-5	STA. 104+45	L	PLAN											64						
11-6	STA. 104+45	L	PLAN															35		
11-7	STA. 104+70	L	PLAN																	
11-8	STA. 300+35 to 301+10	L	PLAN					45												
11-9	STA. 301+00	CL	PLAN																	
11-10	STA. 301+17	L	PLAN															35		
11-11	STA. 301+35	L	PLAN											64						
11-12	STA. 301+35	L	PLAN															35		
11-13	STA. 301+52	L	PLAN																	
11-14	STA. 301+75	CL	PLAN															35		
11-15	STA. 301+91	L	PLAN																	
11-16	STA. 302+07	L	PLAN											64						
11-17	STA. 302+22	L	PLAN																	
11-18	STA. 302+45	CL	PLAN															35		
11-19	STA. 302+62	L	PLAN																	
11-20	STA. 302+80	L	PLAN											64						
11-21	STA. 302+80	L	PLAN															35		
11-22	STA. 302+96	L	PLAN																	
11-23	STA. 104+73 to 105+38	L	PLAN													1				
12-1	STA. 105+42 to 109+47	L	PLAN													10				
12-2	STA. 104+75 to 106+82	L	PLAN														207			4
12-3	STA. 104+75 to 109+45	L	PLAN														470			4
12-4	STA. 105+20 to 109+45	L	PLAN														425			4
12-5	STA. 404+90	CL	PLAN															35		
12-6	STA. 201+00	CL	PLAN															35		
12-7	STA. 201+70	CL	PLAN															35		
12-8	STA. 202+45	CL	PLAN															35		
12-9	STA. 203+15	CL	PLAN															35		
12-10	STA. 203+90	CL	PLAN															35		
12-11	STA. 109+85	L	PLAN															70		
12-12	STA. 109+80 to 111+82	L	PLAN																	
13-1	STA. 111+86 to 113+20	L	PLAN															6		
13-2	STA. 109+85 to 114+40	L	PLAN															2		
13-3	STA. 114+55	L	PLAN	Road			40	40		1		1		64			1,380			4
Page Total							40	85		3	1	8		432	20	19	3,452	490		

## GENERAL NOTES

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  - MON = Monument
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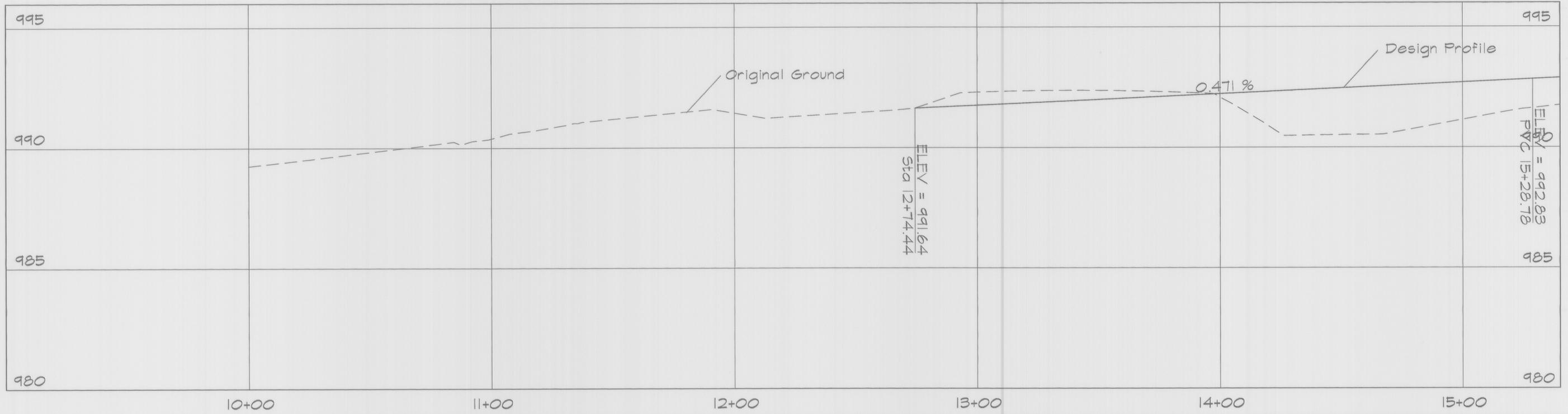
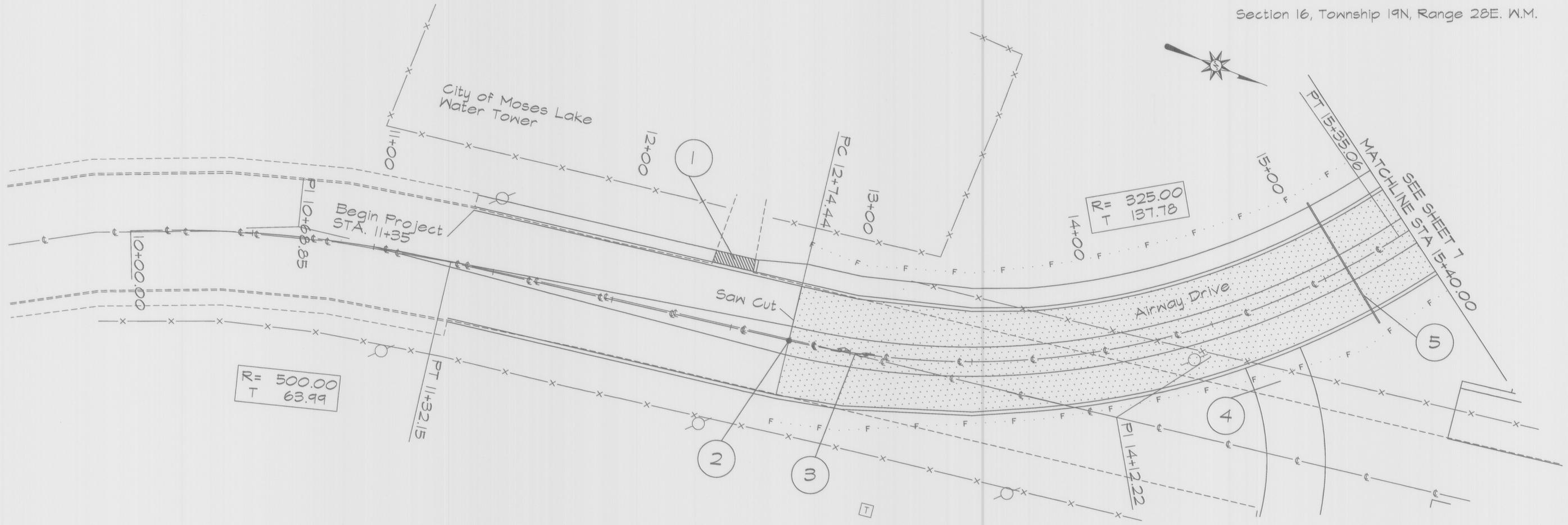


AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH  
CRP 09-01 & 08-14

DESIGNED BY: JEFF TINCHER  
DRAWN BY: JEFF TINCHER  
CHECKED BY: DEREK POHLE  
REVISIONS BY:  
DATE REVISED:  
FEDERAL AID NO.: ARRA-6065(004)



SHEET 5  
OF 14



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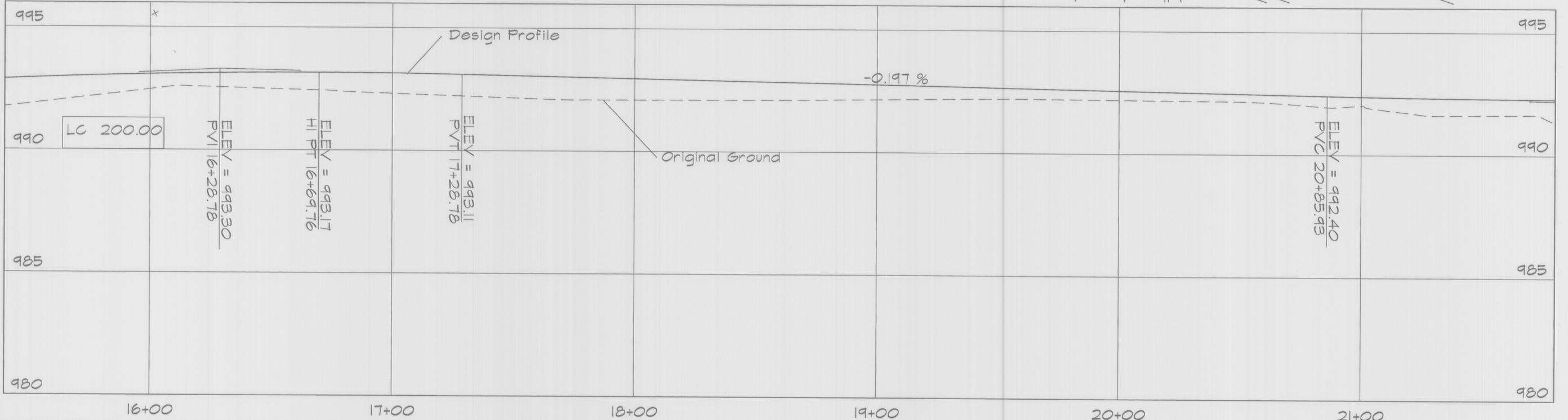
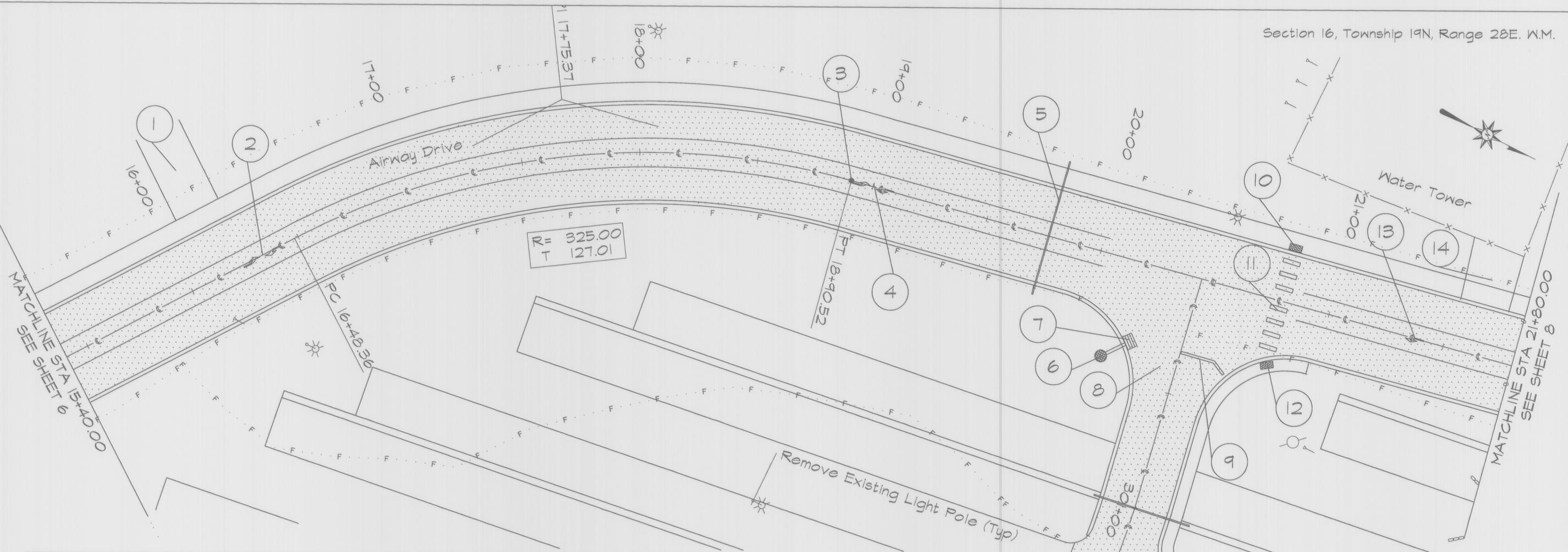
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SHEET 6  
 OF 14



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AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH

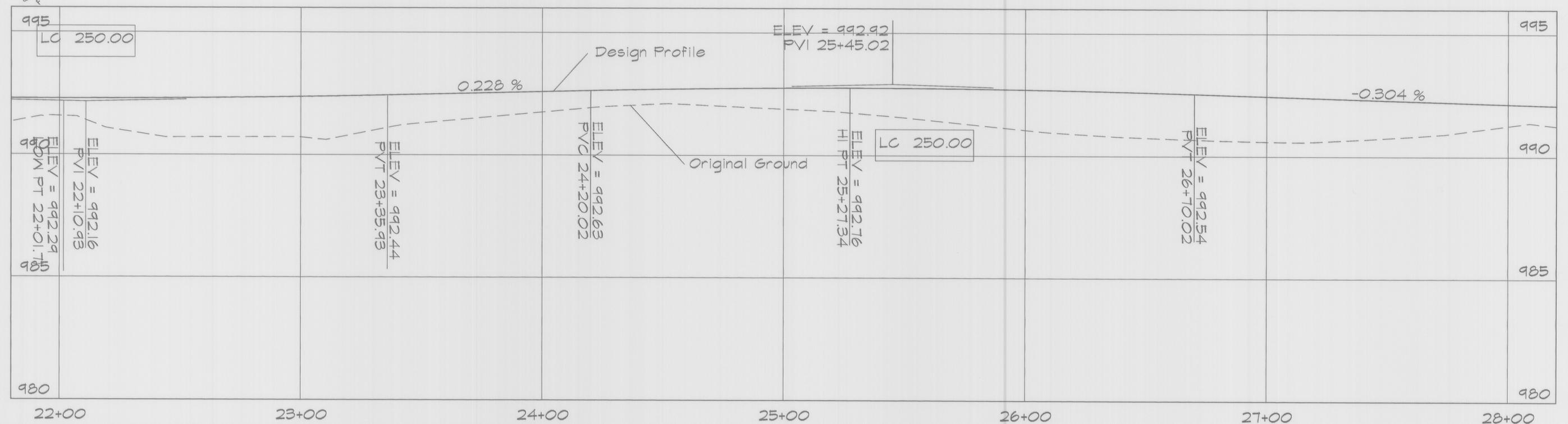
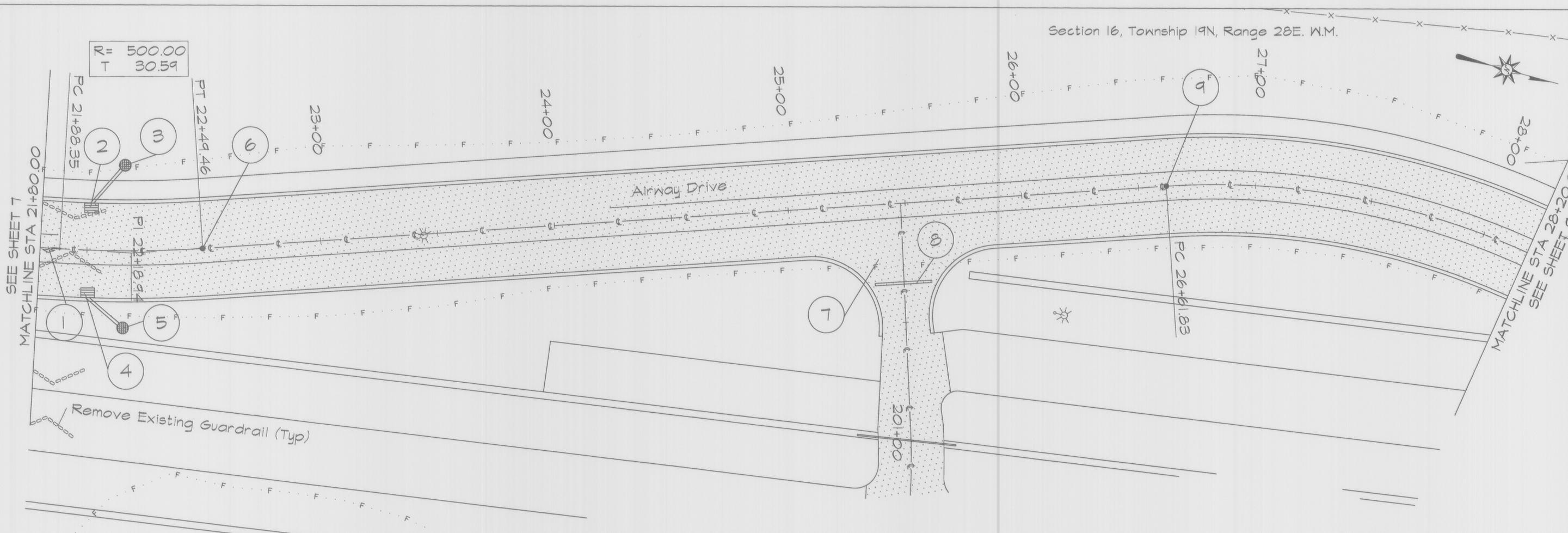
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SHEET 7

OF 14



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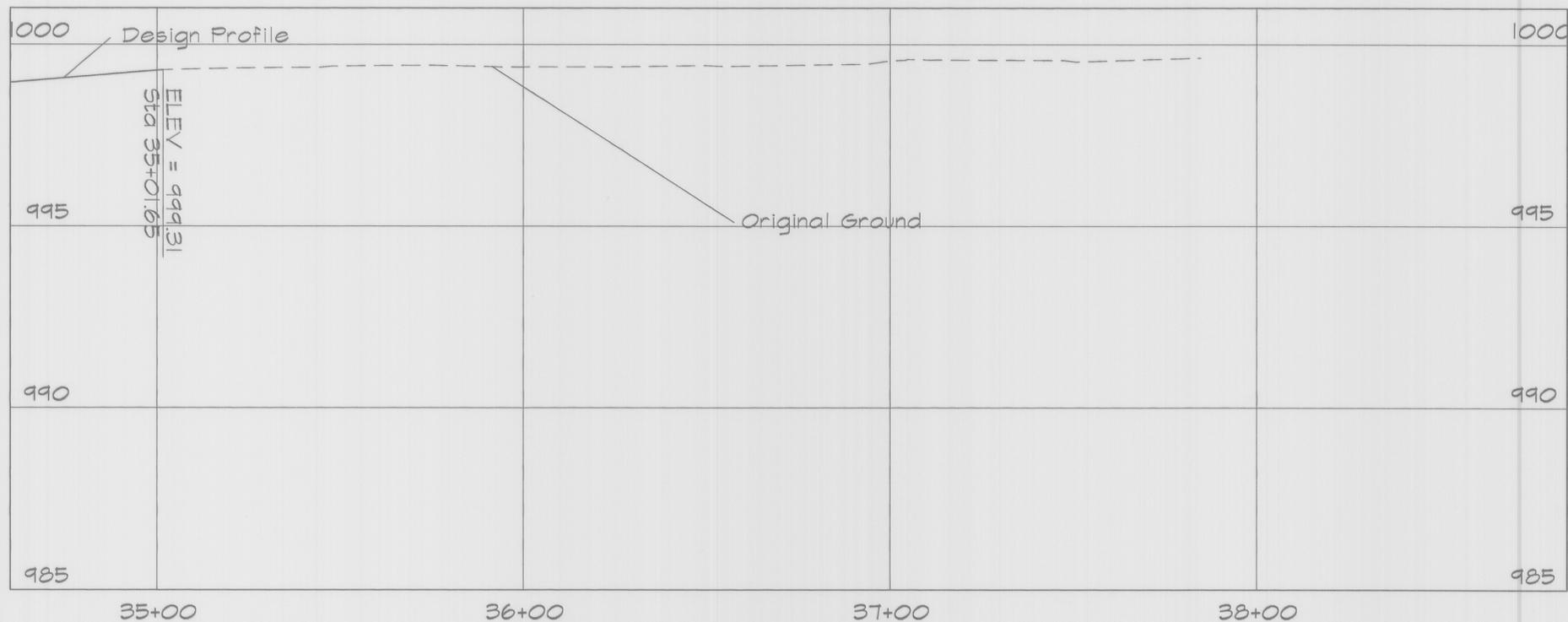
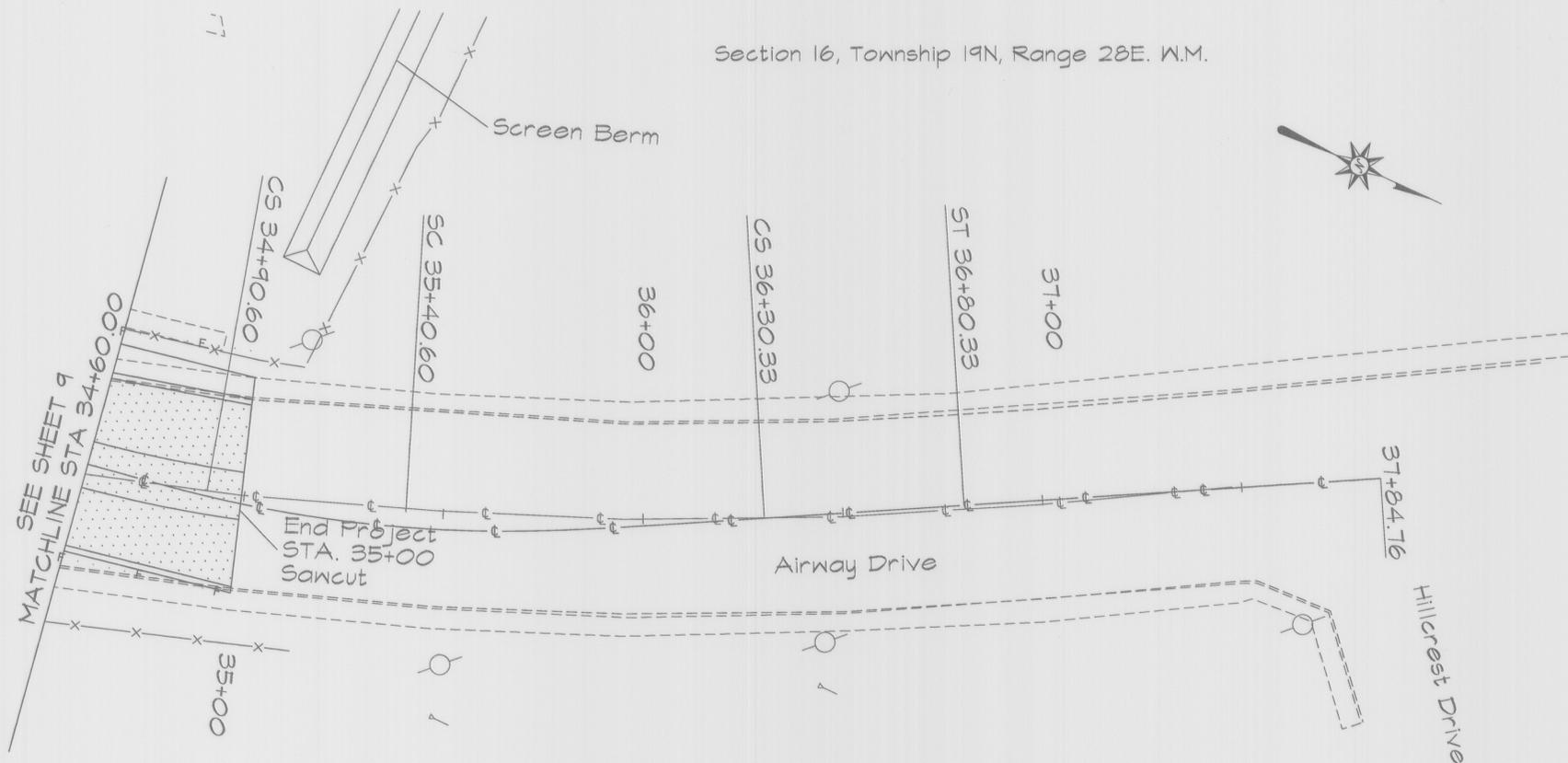


SHEET 8

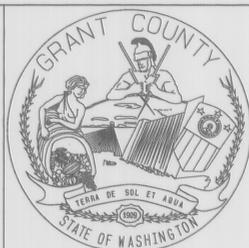
OF 14



Section 16, Township 19N, Range 28E. W.M.



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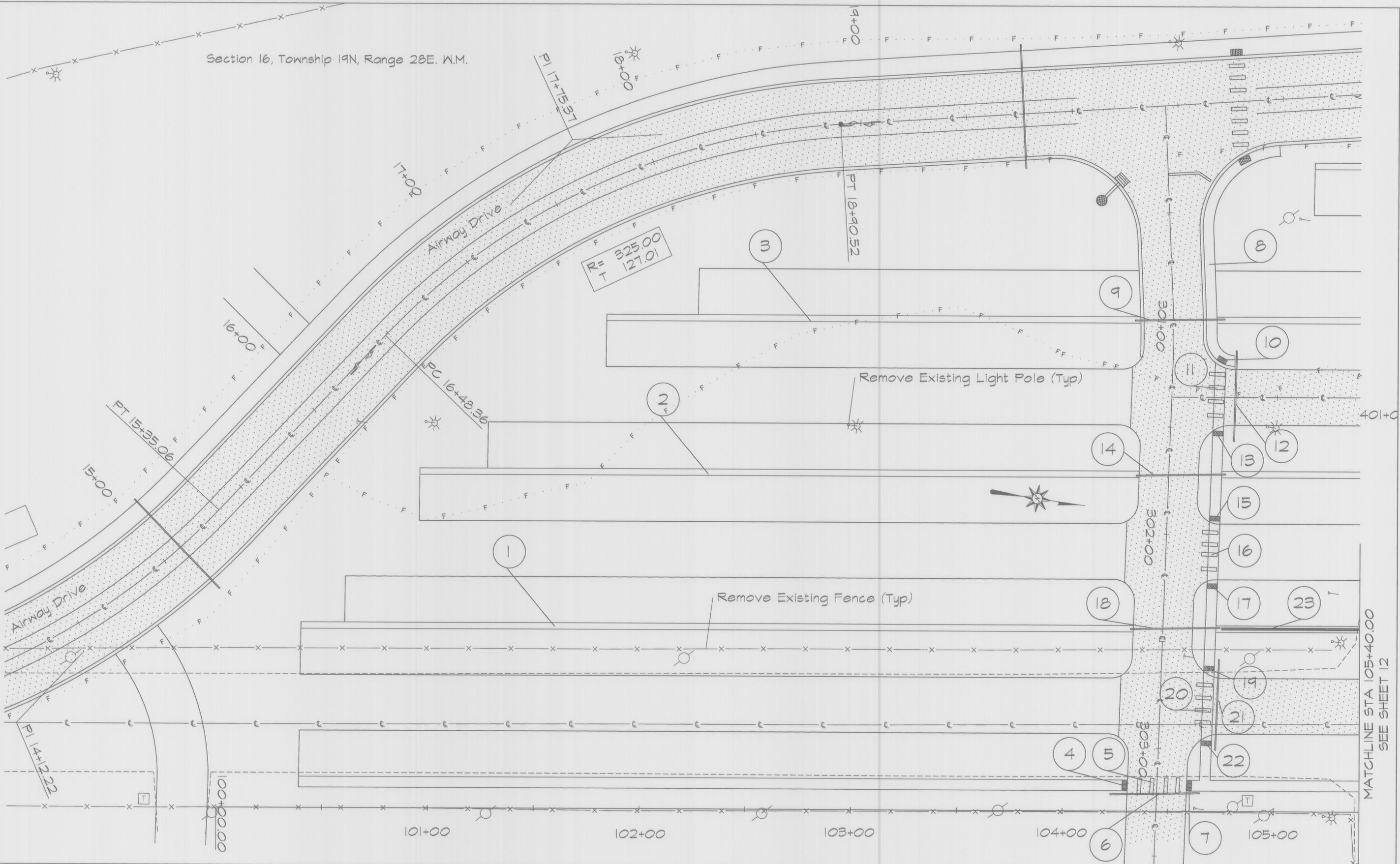
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SHEET 10  
 OF 14

Section 16, Township 19N, Range 28E. W.M.



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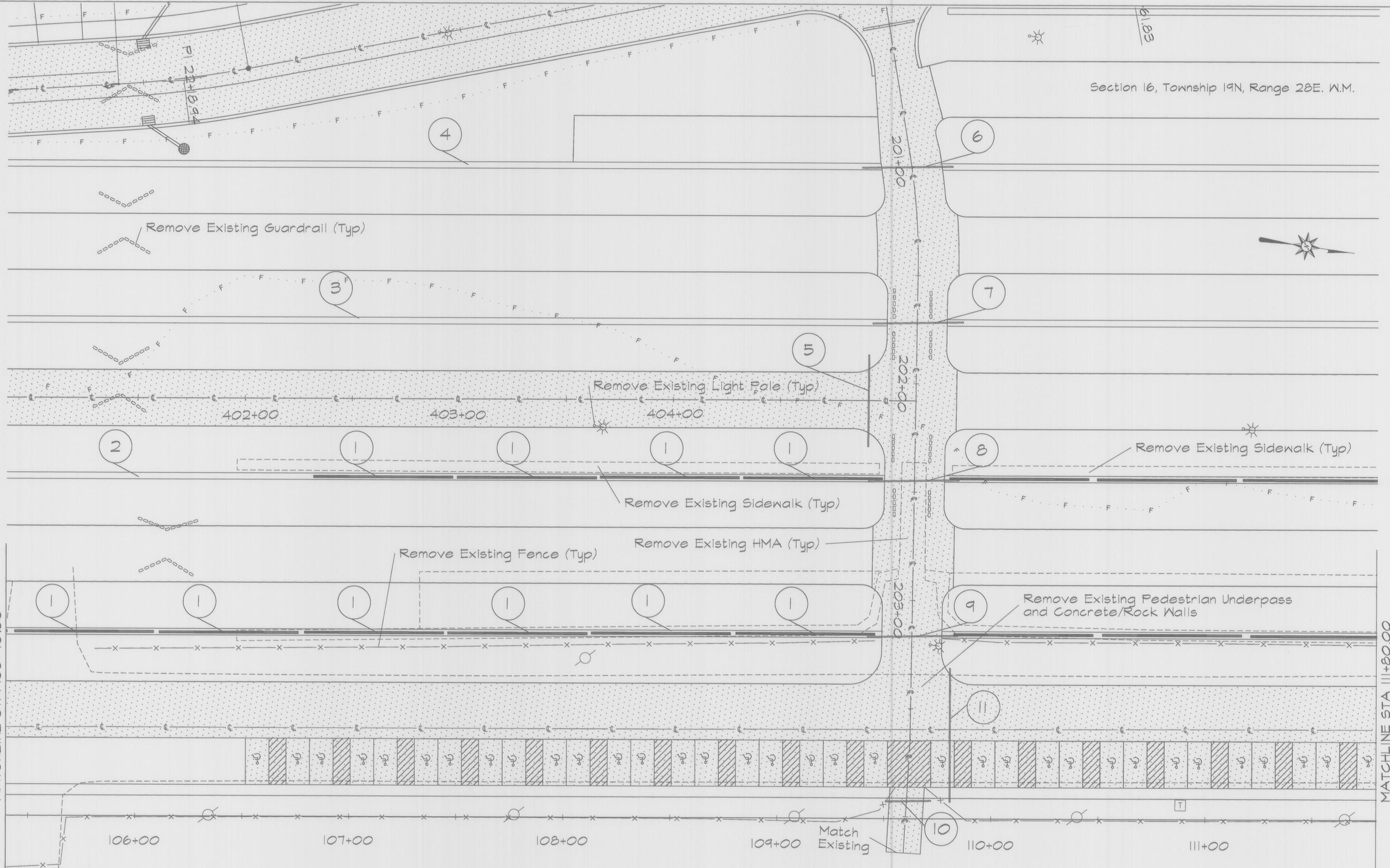


SHEET 11

OF 14

MATCHLINE STA 105+40.00  
 SEE SHEET 12

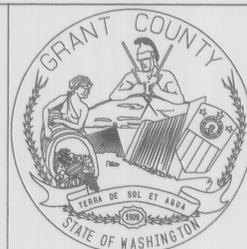
Section 16, Township 19N, Range 28E. W.M.



SEE SHEET 11  
MATCHLINE STA 105+40.00

MATCHLINE STA 111+80.00  
SEE SHEET 13

GRANT COUNTY PUBLIC WORKS DEPARTMENT  
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AIRWAY DRIVE REALIGNMENT and  
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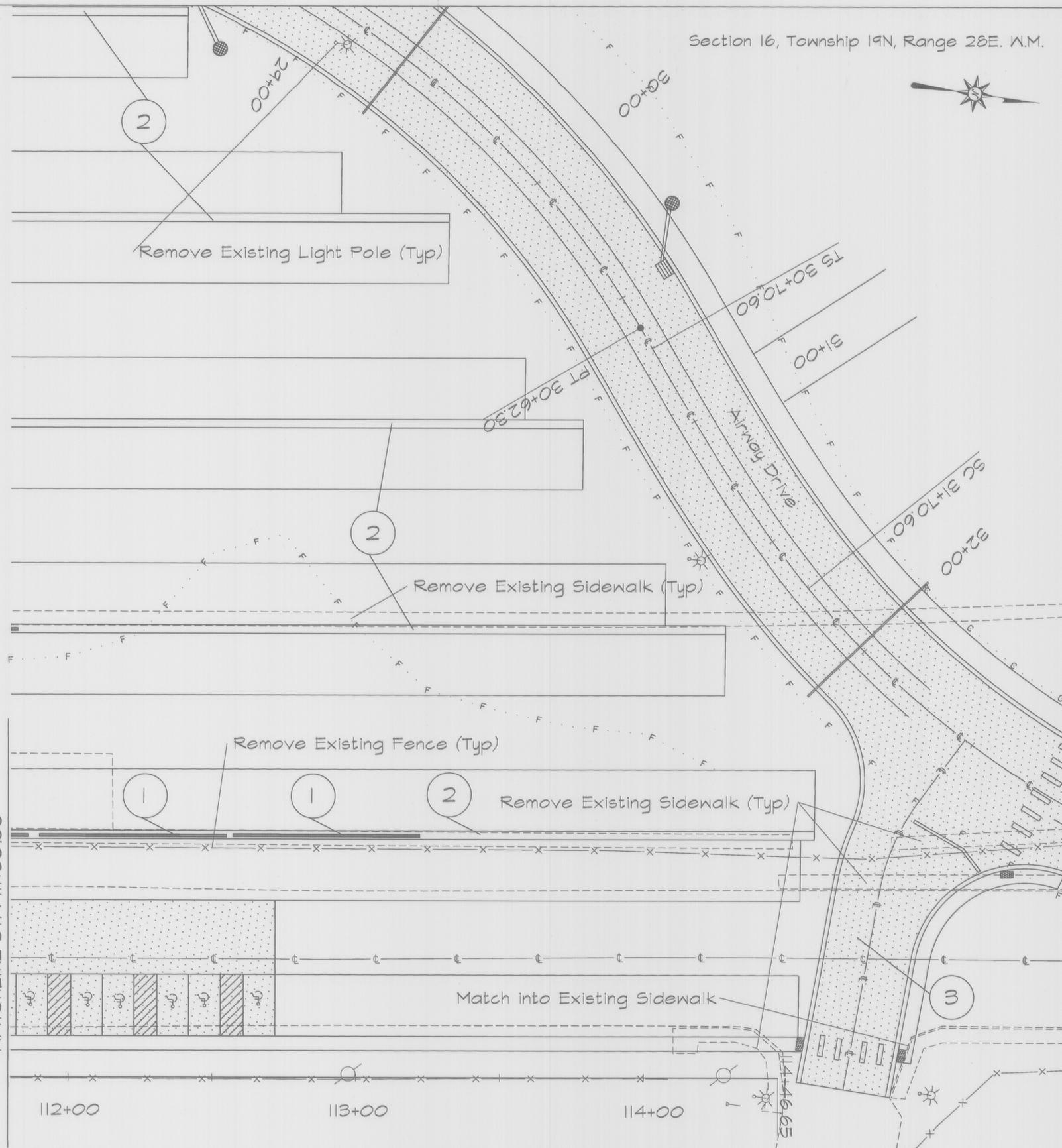
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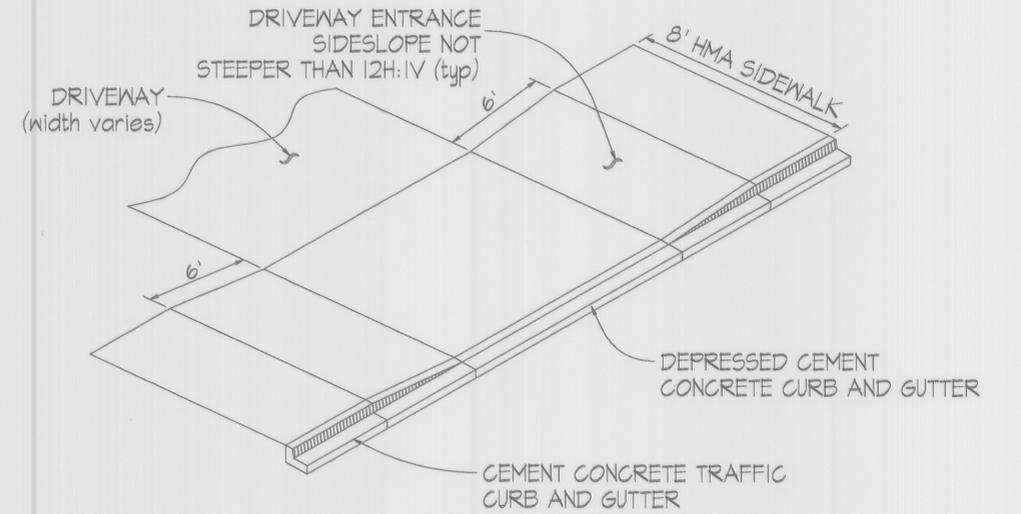
SHEET 12

OF 14

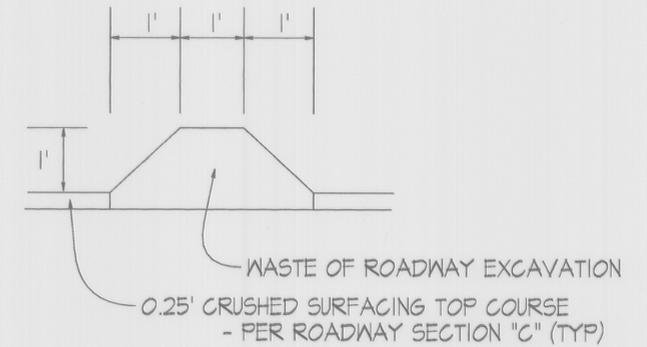
Section 16, Township 19N, Range 28E. W.M.



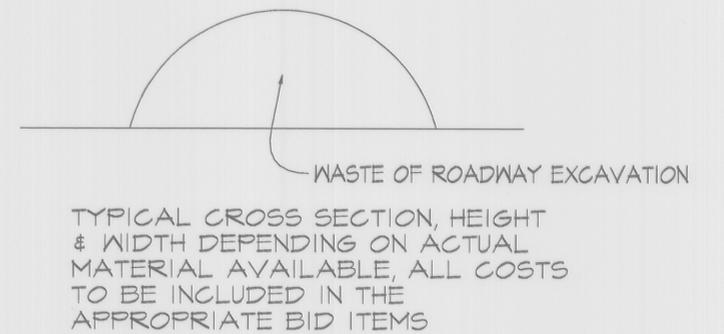
### TYPICAL APPROACH DETAIL



### TRAFFIC PARKING BERM



### SCREEN BERM



SEE SHEET 12  
MATCHLINE STA 111+80.00

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## AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH

CRP 09-01 & 08-14

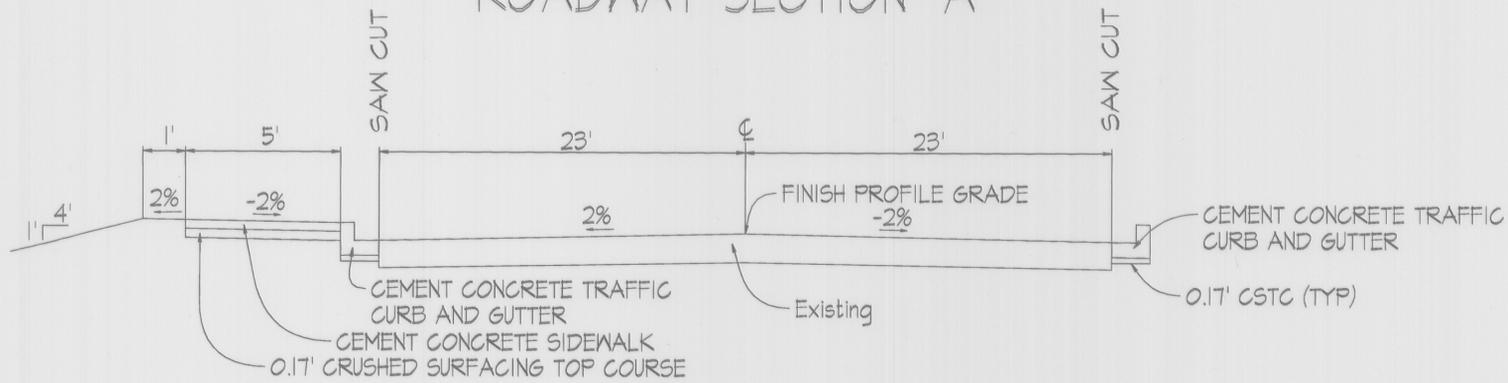
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SHEET 13

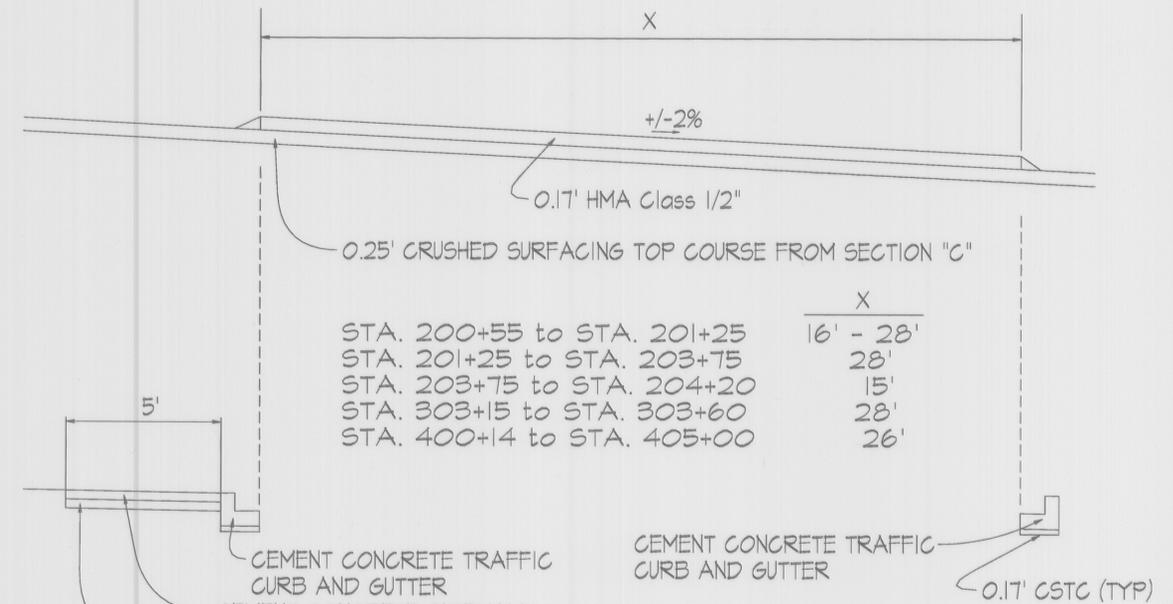
OF 14

### ROADWAY SECTION "A"



STA. 11+35 to STA. 12+55

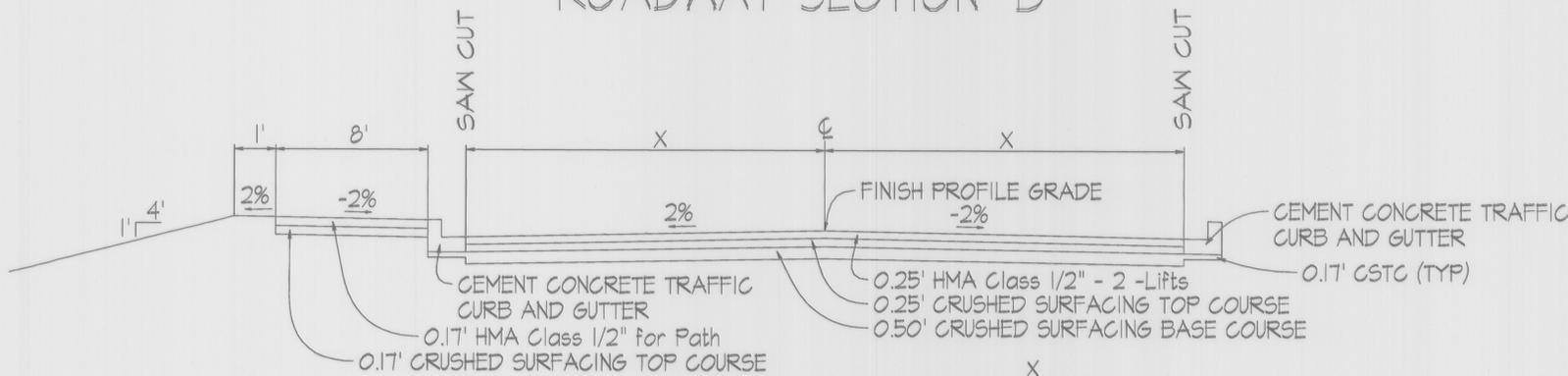
### ROADWAY SECTION "D"



0.25' CRUSHED SURFACING TOP COURSE FROM SECTION "C"

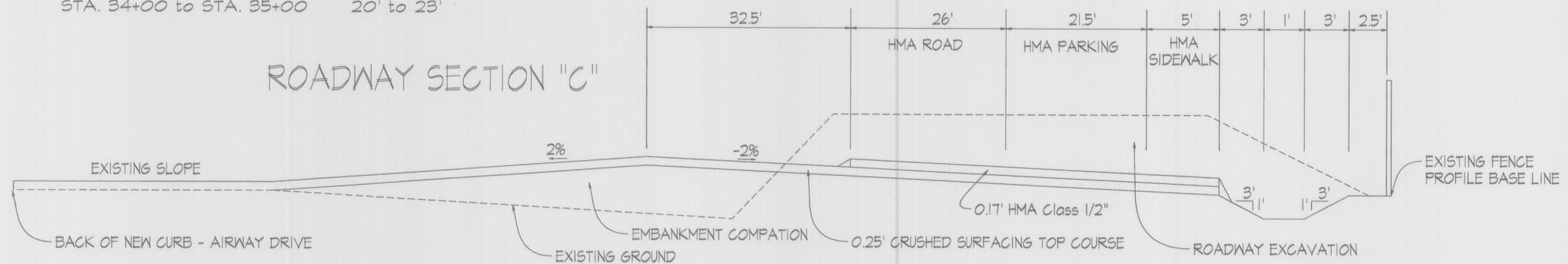
STA. 200+55 to STA. 201+25  
 STA. 201+25 to STA. 203+75  
 STA. 203+75 to STA. 204+20  
 STA. 303+15 to STA. 303+60  
 STA. 400+14 to STA. 405+00

### ROADWAY SECTION "B"



Station Range	Width (ft)
STA. 12+55 to STA. 12+75	23'
STA. 12+75 to STA. 13+75	23' to 20'
STA. 13+75 to STA. 34+00	20'
STA. 34+00 to STA. 35+00	20' to 23'

### ROADWAY SECTION "C"



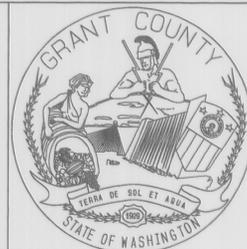
STA. 100+00 to STA. 114+46

HMA SIDEWALK ONLY FROM STA. 100+40 to STA. 114+46  
 HMA ROAD ONLY FROM STA. 104+60 to STA. 112+75  
 HMA PARKING ONLY FROM STA. 106+50 to STA. 112+75

**NOTES:**

- \* Not to Scale
- \* All Depths Shown are Compacted

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## AIRWAY DRIVE REALIGNMENT and FAIRGROUND PATH

CRP 09-01 & 08-14

DESIGNED BY: JEFF TINCHER  
 DRAWN BY: JEFF TINCHER  
 CHECKED BY: DEREK POHLE  
 REVISIONS BY:  
 DATE REVISED:  
 FEDERAL AID NO.: ARRA-6065(004)



SHEET 14

OF 14