

GRANT COUNTY PUBLIC WORKS DEPARTMENT

Derek Pohle, P.E.
Director of Public Works and
County Road Engineer
Ephrata (509) 754-6082

David Heilman
Assistant Director of Public Works
Ephrata (509) 754-6082

Todd Mittge, P.E.
Assistant County Road Engineer
Ephrata (509) 754-6082

Robert Bersanti
Design/Construction Engineer
Ephrata (509) 754-6082



Steve Hill
Supervisor
Road District #1
Ephrata (509) 754-6586

Dennis Collier, Supervisor
Road District #2
Moses Lake (509) 765-4172

John Brissey, Supervisor
Road District #3
Quincy (509) 782-2321

Jerome Wawerski, Supervisor
Bridges
Ephrata (509) 754-6082

Janice Goeden, Supervisor
Solid Waste
Ephrata (509) 754-4319

CONTRACT PROVISIONS and PLANS

For Construction of:

R NE Road
CRP 12-07

Sealed Bids will be Opened on
April 30, 2013

at

1:30 P.M.

at the Office of the
Board of County Commissioners
Grant County Courthouse

P.O. Box 37

35 C Street NW, Room 207
Ephrata, Washington 98823

INFORMATIONAL COPY ONLY

NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR R-NE Road, CRP 12-07**", 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, April 30, 2013** and will then and there be opened and publicly read for the construction of the improvements.

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

Maps, plans and specifications may be purchased from the office of the County Engineer, 124 Enterprise St. S.E., Ephrata, WA 98823, upon payment of the amount of \$15.00 (non-refundable).

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

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

The improvement for which bids will be received follows:

R-NE Road – CRP 12-07

This contract provides for the reconstruction of 5.10 miles of a county road in Grant County, WA, and includes removal of a bridge, rotomilling, roadway excavation, embankment compaction, crushed surfacing base course, maintenance rock, drainage items, paint lines, permanent signing, seeding, fertilizing, mulching 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)

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

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

TABLE OF CONTENTS

AMENDMENTS TO THE STANDARD SPECIFICATIONS5

SECTION 1-01, DEFINITION AND TERMS AUGUST 6, 20126

SECTION 1-02, BID PROCEDURES AND CONDITIONS JANUARY 2, 20126

SECTION 1-03, AWARD AND EXECUTION OF CONTRACT APRIL 2, 20126

SECTION 1-05, CONTROL OF WORK AUGUST 6, 2012.....6

**SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC
APRIL 1, 20136**

SECTION 1-08, PROSECUTION AND PROGRESS APRIL 1, 2013.....7

SECTION 1-09, MEASUREMENT AND PAYMENT APRIL 1, 2013.....7

SECTION 3-04, ACCEPTANCE OF AGGREGATE APRIL 1, 20138

SECTION 6-02, CONCRETE STRUCTURES JANUARY 7, 2013.....9

**SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL
JANUARY 7, 2013 10**

SECTION 8-21, PERMANENT SIGNING JANUARY 7, 2013.....11

SECTION 9-03, AGGREGATES APRIL 1, 2013.....11

**SECTION 9-05, DRAINAGE STRUCTURES, CULVERTS, AND CONDUITS
JANUARY 7, 201312**

**SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING JANUARY 7,
2013.....12**

SPECIAL PROVISIONS14

INTRODUCTION14

DIVISION 1 GENERAL REQUIREMENTS14

DEFINITIONS AND TERMS14

DESCRIPTION OF WORK15

BID PROCEDURES AND CONDITIONS15

Public Opening Of Proposal16

CONTROL OF WORK.....17

LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC.....18

Protection and Restoration of Property.....18
Notification.....18

Prosecution Of Work21

Time For Completion22

Traffic Control Devices.....24

DIVISION 2 EARTHWORK25

CLEARING, GRUBBING, AND ROADSIDE CLEANUP.....25

REMOVAL OF STRUCTURES AND OBSTRUCTIONS25

ROADWAY EXCAVATION AND EMBANKMENT27

DIVISION 3 PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING 27

PRODUCTION FROM QUARRY AND PIT SITES27

DIVISION 4 BASES.....29

BALLAST AND CRUSHED SURFACING29

DIVISION 8 MISCELLANEOUS CONSTRUCTION29

EROSION CONTROL AND WATER POLLUTION CONTROL29

MONUMENT.....30

PERMANENT SIGNING30

PAVEMENT MARKING31

DIVISION 9 MATERIALS31

AGGREGATES31

STANDARD PLANS33

Proposal Proposal Page 1 - 10

Contract Contract Page 1 - 3

Appendices

- Title VI – Contractor Requirements
- Wage Rates – State
- Traffic Control Plan
- Standard Plans
- Plans

INFORMATIONAL COPY ONLY

1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2012
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 purposes,
9 the date following each Amendment title indicates the implementation date of the Amendment or
10 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
16 **Section 1-01, Definition and Terms**
17 **August 6, 2012**

18 **1-01.3 Definitions**

19 The definition for “**Bid Documents**” is revised to read:

20
21 The component parts of the proposed Contract which may include, but are not limited to,
22 the Proposal Form, the proposed Contract Provisions, the proposed Contract Plans,
23 Addenda, and, for projects with Contracting Agency subsurface investigations, the
24 Summary of Geotechnical Conditions and subsurface boring logs (if any).

25
26 The definition for “**Superstructures**” is revised to read:

27
28 The part of the Structure *above*:

- 29
30 1. The bottom of the grout bar for the simple and continuous span bearing, or
31
32 2. The bottom of the block supporting the girder, or
33
34 3. Arch skewback and construction joints at the top of vertical abutment members or
35 rigid frame piers.

36
37 Longitudinal limits of the Superstructure extend from end to end of the Structure in
38 accordance with the following criteria:

- 39
40 1. From the face of end diaphragm abutting the bridge approach embankment for
41 end piers without expansion joints, or
42
43 2. From the end pier expansion joint for bridges with end pier expansion joints.

44
45 Superstructures include, but are not limited to, the bottom slab and webs of box girders, the
46 bridge deck and diaphragms of all bridges, and the sidewalks when shown on the bridge
47 deck. The Superstructure also includes the girders, expansion joints, bearings, barrier, and
48 railing attached to the Superstructure when such Superstructure components are not
49 otherwise covered by separate unit measured or lump sum bid items.

50
51 Superstructures do not include endwalls, wingwalls, barrier and railing attached to the
52 wingwalls, and cantilever barriers and railings unless supported by the Superstructure.

1

2 **Section 1-02, Bid Procedures and Conditions**
3 **January 2, 2012**

4 **1-02.4(2) Subsurface Information**

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

6

7 If the Contracting Agency has made subsurface investigation of the site of the proposed
8 work, the boring log data, soil sample test data, and geotechnical recommendations reports
9 obtained by the Contracting Agency will be made available for inspection by the Bidders at
10 the location specified in the Special Provisions. The Summary of Geotechnical Conditions,
11 as an appendix to the Special Provisions, and the boring logs shall be considered as part of
12 the Contract.
13

14 **Section 1-03, Award and Execution of Contract**
15 **April 2, 2012**

16 **1-03.1(1) Tied Bids**

17 This section's title is revised to read:

18

19 **1-03.1(1) Identical Bid Totals**
20

21 **Section 1-05, Control of Work**
22 **August 6, 2012**

23 **1-05.13(1) Emergency Contact List**

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

25

26 The list shall include, at a minimum, the Prime Contractor's Project Manager, or equivalent,
27 the Prime Contractor's Project Superintendent, the Erosion and Sediment Control (ESC)
28 Lead and the Traffic Control Supervisor.
29

30 **Section 1-07, Legal Relations and Responsibilities to the Public**
31 **April 1, 2012**

32 **1-07.1 Laws to be Observed**

33 The following two sentences are inserted after the first sentence in the third paragraph:

34

35 In particular the Contractor's attention is drawn to the requirements of WAC 296.800 which
36 requires employers to provide a safe workplace. More specifically WAC 296.800.11025
37 prohibits alcohol and narcotics from the workplace.
38

39 **1-07.9(5) Required Documents**

40 Item number 2. in the first paragraph is revised to read:

41

42 2. A copy of an approved "Affidavit of Prevailing Wages Paid", State L&I's form number
43 F700-007-000. The Contracting Agency will not grant Completion until all approved
44 Affidavit of Wages paid for Contractor and all Subcontractors have been received by

1 the Project Engineer. The Contracting Agency will not release to the Contractor any
2 funds retained under RCW 60.28.011 until all of the "Affidavit of Prevailing Wages
3 Paid" forms have been approved by State L&I and a copy of all the approved forms
4 have been submitted to the Engineer.
5

6 **1-07.14 Responsibility for Damage**

7 The fifth paragraph is revised to read:

8
9 Pursuant to RCW 4.24.115, if such claims, suits, or actions result from the concurrent
10 negligence of (a) the indemnitee or the indemnitee's agents or employees and (b) the
11 Contractor or the Contractor's agent or employees, the indemnity provisions provided in the
12 preceding paragraphs of this Section shall be valid and enforceable only to the extent of the
13 Contractor's negligence or the negligence of its agents and employees.
14

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

16 **April 1, 2013**

17 **1-08.1 Subcontracting**

18 In the eighth paragraph, "Contracting Agency" is revised to read "WSDOT".
19

20 **1-08.3(1) General Requirements**

21 The following new paragraph is inserted after the first paragraph:
22

23 Total float belongs to the project and shall not be for the exclusive benefit of any party.
24

25 **1-08.5 Time for Completion**

26 The last paragraph in this section is supplemented with the following:
27

- 28 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all
29 Subcontractors
30

31 **1-08.7 Maintenance During Suspension**

32 The second paragraph is revised to read:
33

34 At no expense to the Contracting Agency, the Contractor shall provide through the
35 construction area safe, smooth, and unobstructed roadways and pedestrian access routes
36 for public use during the suspension (as required in Section 1-07.23 or the Special
37 Provisions.) This may include a temporary road, alternative pedestrian access route or
38 detour.
39

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

41 **April 1, 2013**

42 **1-09.1 Measurement of Quantities**

43 The following new sentence is inserted after the sentence "'Ton':2,000 pounds of avoirdupois
44 weight":
45

46 Items of payment that have "Lump Sum" or "Force Account" in the Bid Item of Work shall
47 have no specific unit of measurement requirement.
48

1 **1-09.2(5) Measurement**

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

3
4 The frequency of verification checks will be such that at least one test weekly is performed
5 for each scale used in weighing contract items of Work.
6

7 **1-09.6 Force Account**

8 In item No. 3. For Equipment, the last sentence in the third sub-paragraph is revised to read:

9
10 In the event that prior quotations are not obtained and the vendor is a firm independent
11 from the Contractor or Subcontractor, then after-the-fact quotations may be obtained by the
12 Engineer from the open market in the vicinity and the lowest such quotation may be used in
13 place of submitted invoice.
14

15 **Section 3-04, Acceptance of Aggregate**
16 **April 1, 2013**

17 **3-04.3(7)D4 An Entire Lot**

18 The last sentence is deleted.

19
20 **3-04.3(8) Price Adjustments for Quality of Aggregate**

21 The calculation in the first paragraph is revised to read:

22
23 Aggregate Compliance Price Adjustment = (Composite Pay Factor – 1.00)
24 (quantity of material) (unit bid price or Contingent Unit Price as shown in Table 1, whichever
25 is higher.)
26

27 **3-04.5 Payment**

28 In the second paragraph, the reference “Section 3-04.3(6)C “ is revised to read “Section 3-
29 04.3(8)“.

30
31 In Table 1, the top two rows are revised to read the following three new rows:

32

9-03.1	Concrete Aggregate (except pavement)	2000	1000 ¹	\$15.00 ²	\$30.00 ²
9-03.1	Concrete Aggregate (pavement)	4000	2000 ¹	\$15.00 ²	\$30.00 ²
9-03.4(2)	Crushed Screening ³	1000	500	\$20.00 ²	\$40.00

33
34 In Table 1, the row containing the item “Gravel Borrow for Geosynthetic Retaining Wall” is
35 revised to read.

36

9-03.1(4)	Gravel Borrow for Structural Earth Walls	4000	2000	\$30	\$60
-----------	--	------	------	------	------

37
38 The footnotes below the Table 1 are revised to read:

- 39
40 1. Based on 1000 CY of Concrete.
41
42 2. Price adjustment only applies to the actual quantity of aggregate used in the concrete.
43
44 3. Contingent unit price per S.Y. is \$0.30.
45

46 In Table 2, the first row is revised to read:
47

9-03.1	Concrete Aggregate (all concrete aggregate -including pavement)	2	2	2	10	20				
--------	---	---	---	---	----	----	--	--	--	--

In Table 2, the row containing the item "Gravel Backfill for Foundations Class A" is revised to read:

9-03.12(1)A	Gravel Backfill for Foundations Class A ³									
-------------	--	--	--	--	--	--	--	--	--	--

In Table 2, the row containing the item "Gravel Borrow for Geosynthetic Retaining Wall" is revised to read:

9-03.14(4)	Gravel Borrow for Structural Earth Walls	2	2	5	5	5	10		Other ⁴
------------	--	---	---	---	---	---	----	--	--------------------

The footnotes below the Table 2 are supplemented with the following:

- 3 Use the price adjustment factors for the material that is actually used.
- 4 Resistivity 10, pH 10, Chlorides 5, and Sulfates 5.

**Section 6-02, Concrete Structures
January 7, 2013**

6-02.3(2) Proportioning Materials

The Lean Concrete value in the column "Minimum Cementitious Content (pounds)" in the table titled "Cementitious Requirement for Concrete" is revised to read:

****145

The following new note is inserted after the note "**** No maximum specified" in the table titled "Cementitious Requirement for Concrete":

****Maximum of 200 pounds

The paragraph following the table "Cementitious Requirements for Concrete" is revised to read:

When both ground granulated blast furnace slag and fly ash are included in the concrete mix, the total weight of both these materials is limited to 40 percent by weight of the total cementitious material for concrete Class 4000D and 4000A, and 50 percent by weight of the total cementitious material for all other classes of concrete.

6-02.3(2)B Commercial Concrete

The second paragraph is revised to read:

Where concrete Class 3000 is specified for items such as, culvert headwalls, plugging culverts, concrete pipe collars, pipe anchors, monument cases, Type PPB, PS, I, FB and RM signal standards, pedestals, cabinet bases, guardrail anchors, fence post footings, sidewalks, curbs, and gutters, the Contractor may use commercial concrete. If commercial concrete is used for sidewalks, curbs, and gutters, it shall have a minimum cementitious material content of 564 pounds per cubic yard of concrete, shall be air entrained, and the tolerances of Section 6-02.3(5)C shall apply.

1
2 **6-02.3(2)D Lean Concrete**

3 This section is revised to read:

4
5 Lean concrete shall meet the cementitious requirements of Section 6-02.3(2) and have a
6 maximum water/cement ratio of 2.
7

8 **6-02.3(4)A Qualification of Concrete Suppliers**

9 The first paragraph is revised to read :

10
11 Batch Plant Prequalification requires a certification by the National Ready Mix Concrete
12 Association (NRMCA). Information concerning NRMCA certification may be obtained from
13 the NRMCA at 900 Spring Street, Silver Springs, MD 20910 or online at www.nrmca.org.
14 The NRMCA certification shall be valid for a 2-year period from the date of certificate. The
15 following documentation shall be submitted to the Project Engineer; a copy of the current
16 NRMCA Certificate of Conformance, the concrete mix design(s) (WSDOT Form 350-040),
17 along with copies of the truck list, batch plant scale certification, admixture dispensing
18 certification, and volumetric water batching devices (including water meters) verification.
19

20 **6-02.3(5)G Sampling and Testing Frequency for Temperature, Consistency, and**
21 **Air Control**

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

23
24 Sampling shall be performed in accordance with WSDOT FOP for WAQTC TM 2 and
25 random samples shall be selected in accordance with WSDOT TM 716.
26

27 **Section 8-01, Erosion Control and Water Pollution Control**
28 **January 7, 2013**

29 **8-01.2 Materials**

30 The first paragraph is revised to read:

31
32 Materials shall meet the requirements of the following sections:

33

34	Corrugated Polyethylene Drain Pipe	9-05.1(6)
35	Quarry Spalls	9-13
36	Seed	9-14.2
37	Fertilizer	9-14.3
38	Mulch and Amendments	9-14.4
39	Tackifiers	9-14.4(7)
40	Erosion Control Devices	9-14.5
41	High Visibility Fence	9-14.5
42	Construction Geotextile	9-33

43

44 **8-01.3(2)D Mulching**

45 The following two new paragraphs are inserted after the fourth paragraph:

46
47 Short-Term Mulch shall be hydraulically applied at the rate of 2500 pounds per acre and
48 may be applied in one lift.
49

50 Moderate-Term Mulch and Long-Term Mulch shall be hydraulically applied at the rate of
51 3500 pounds per acre with no more than 2000 pounds applied in any single lift.
52

1 **8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch**

2 In the first paragraph, "Engineer" is revised to read "Project Engineer".

3
4 Note 1 of the table in the first paragraph is revised to read:

5
6 ¹ Where Contract timing is appropriate, seeding, fertilizing, and mulching shall be
7 accomplished during the fall period listed above
8

9 The third paragraph is deleted.

10
11 **8-02.3(8) Planting**

12 Item number 1 in the second paragraph is revised to read:

- 13
14 1. Non-Irrigated Plant Material
15 West of the summit of the Cascade Range - October 1 to March 1.
16 East of the summit of the Cascade Range - October 1 to November 15.
17

18 **Section 8-21, Permanent Signing**
19 **January 7, 2013**

20 **8-21.2 Materials**

21 The third sentence is revised to read:

22
23 Materials for sign mounting shall conform to Section 9-28.11.
24

25 **8-21.3(9)A Fabrication of Steel Structures**

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

27
28 Fabrication shall conform to the applicable requirements of Section 6-03 and 9-06.
29

30 This section is supplemented with the following:

31
32 All fabrication including repairs, adjustments or modifications of previously fabricated sign
33 structure members and connection elements, shall be performed in the shop, under an
34 Engineer approved shop drawing prepared and submitted by the Contractor for the original
35 fabrication or the specific repair, adjustment or modification. Sign structure fabrication
36 repair, adjustment or modification of any kind in the field is not permitted. If fabrication
37 repair, adjustment or modification occurs after a sign structure member or connection
38 element has been galvanized, the entire member or element shall be re-galvanized in
39 accordance with AASHTO M 111.
40

41 **Section 9-03, Aggregates**
42 **April 1, 2013**

43 **9-03.1(1) General Requirements**

44 The eighth paragraph is deleted.
45

1 **9-03.8(4) Blending Sand**

2 This sections including title is revised to read:

3

4 **Section 9-05, Drainage Structures, Culverts, and Conduits**

5 **January 7, 2013**

6 **9-05.0 Acceptance by Manufacturer's Certification**

7 This section including title is revised to read:

8

9 **9-05.0 Acceptance and Approval of Drainage Structures, and Culverts**

10 The Drainage Structure or Culvert may be selected from the Qualified Products List, or
11 submitted using a Request for Approval of Materials (RAM) in accordance with Section 1-
12 06.

13

14 Certain drainage materials may be accepted by the Engineer based on a modified
15 acceptance criteria when materials are selected from the Qualified Products List (QPL).
16 The modified acceptance criteria are defined in the QPL for each material.

17

18 **Section 9-14, Erosion Control and Roadside Planting**

19 **January 7, 2013**

20 **9-14.3 Fertilizer**

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

22

23 It may be separate or in a mixture containing the percentage of total nitrogen, available
24 phosphoric acid, and water-soluble potash or sulfur in the amounts specified.

25

26 **9-14.4(2) Hydraulically Applied Erosion Control Products (HECPs)**

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

28

29 All HECPs shall be furnished premixed by the manufacturer with Organic or Synthetic
30 Tackifier as specified in Section 9-14.4(7).

31

32 The third and fourth rows in Table 1 is revised to read:

33

Heavy Metals	EPA 6020A Total Metals	Antimony – < 4 mg/kg Arsenic – < 6 mg/kg Barium – < 80 mg/kg Boron – < 160 mg/kg Cadmium – < 2 mg/kg Total Chromium – < 4 mg/kg Copper – < 10 mg/kg Lead – < 5 mg/kg Mercury – < 2 mg/kg Nickel – < 2 mg/kg Selenium – < 10 mg/kg Strontium – < 30 mg/kg Zinc – < 30 mg/kg
Water Holding Capacity	ASTM D 7367	800 percent minimum

34

35 **9-14.4(2)A Long Term Mulch**

36 In the first paragraph, the phrase "within 2 hours of application" is deleted.

37

1 **9-14.4(4) Wood Strand Mulch**

2 The last sentence in the second paragraph is deleted.

3

4 This section is supplemented with the following new paragraph:

5

6 The Contractor shall provide Material Safety Data Sheet (MSDS) that demonstrates that
7 the product is not harmful to plant life and a test report performed in accordance with
8 WSDOT Test Method 125 demonstrating compliance to this specification prior to
9 acceptance.

INFORMATIONAL COPY ONLY

1
2 **SPECIAL PROVISIONS**

3
4 **INTRODUCTION**

5 The following Special Provisions are made a part of this contract and supersede any conflicting
6 provisions of the 2012 Standard Specifications for Road, Bridge and Municipal Construction,
7 and the foregoing Amendments to the Standard Specifications.

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

- 11
12 (date) General Special Provision
13 (*****) Notes a revision to a General Special Provision
14 and also notes a Project Specific Special Provision.
15 (Regions1 date) Region Special Provision
16 (BSP date) Bridges and Structures Special Provision
17

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

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

- 24
25 Regions1
26 ER Eastern Region
27 NCR North Central Region
28 NWR Northwest Region
29 OR Olympic Region
30 SCR South Central Region
31 SWR Southwest Region
32
33 WSF Washington State Ferries Division
34

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

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

41
42
43 **DIVISION 1 GENERAL REQUIREMENTS**

44
45 **DEFINITIONS AND TERMS**

46
47 **1-01.3 Definitions**

48 This Section is supplemented with the following:

- 49
50 (*****)
51 The venue of all causes of action arising from the advertisement, award, execution, and
52 performance of the contract shall be in the Superior Court of Grant County, Washington.
53

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 reconstruction of 5.10 miles of a county road in Grant County,
18 WA, and includes removal of a bridge, rotomilling, roadway excavation, embankment
19 compaction, crushed surfacing base course, maintenance rock, drainage items, paint lines,
20 permanent signing, seeding, fertilizing, mulching and other work all in accordance with the
21 attached Contract Plans, these Contract Provisions and the Standard Specifications.
22

23 **BID PROCEDURES AND CONDITIONS**

24 **1-02.1 Prequalification of Bidders**

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

27 1-02.1 Qualifications of Bidder

28
29
30 (*****)

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

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

- 37 (a) At the time of bid submittal, have a certificate of registration in compliance with
38 chapter 18.27 RCW;
- 39 (b) Have a current state unified business identifier number;
- 40 (c) If applicable, have industrial insurance coverage for the bidder's employees working
41 in Washington as required in Title 51 RCW; an employment security department
42 number as required in Title 50 RCW; and a state excise tax registration number as
43 required in Title 82 RCW; and
- 44 (d) Not be disqualified from bidding on any public works contract under RCW 39.06.010
45 or 39.12.065(3).
- 46 (e) Bidders shall be qualified by experience, financing, equipment, and organization to
47 do the work called for in the Contract Documents. The Contracting Agency reserves
48 the right to take whatever action it deems necessary to ascertain the ability of the
49 bidder to perform the work satisfactorily. The Contracting Agency's actions may
50 include a pre-qualification procedure prior to the bidder being furnished a proposal
51 form on any contract, or a pre-award survey of the bidder's qualifications prior to
52 award.
53

1 **Public Opening Of Proposal**

2 Section 1-02.12 is supplemented with the following:

3
4 (*****)

5 *Date Of Opening Bids*

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

7
8 The Office of the Board of County Commissioners, Grant County Courthouse, Room
9 207, 35 C St. NW, P.O. Box 37, Ephrata, WA 98823

10
11 The bid opening date for this project is **April 30, 2013** . Bids received will be publicly
12 opened and read after **1:30 P.M.** on this date.

13
14 **1-02.13 Irregular Proposals**

15 (March 25, 2009 APWA GSP)

16
17 Revise item 1 to read:

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

37
38
39 **1-02.14 Disqualification of Bidders**

40 (March 25, 2009 APWA GSP, Option B)

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

- 43 A Bidder will be deemed not responsible if:
 - 44 1. the Bidder does not meet the mandatory bidder responsibility criteria in
 - 45 RCW 39.04.350(1), as amended; or
 - 46 2. evidence of collusion exists with any other Bidder or potential Bidder.
 - 47 Participants in collusion will be restricted from submitting further bids; or
 - 48 3. the Bidder, in the opinion of the Contracting Agency, is not qualified for
 - 49 the work or to the full extent of the bid, or to the extent that the bid
 - 50 exceeds the authorized prequalification amount as may have been
 - 51 determined by a prequalification of the Bidder; or
 - 52

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

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

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

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

46 47 **CONTROL OF WORK**

48 49 **1-05.13 Superintendents, Labor and Equipment of Contractor**

50 (*****)

51
52 Revise the seventh paragraph to read:

1 Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to
2 Section 1-02.1 and 1-02.14, it will take these performance reports into account.
3

4 **Cooperation With Other Contractors**

5 Section 1-05.14 is supplemented with the following:
6

7 *Other Contracts Or Other Work*

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

- 11 1. Utility relocations and/or normal maintenance work by telephone and
12 power companies.
- 13 2. Normal maintenance work by Grant County Road crews
14

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

16 **State Taxes**

17 Section 1-07.2 is supplemented with the following:
18

19 (March 13, 1995)

20 The work on this contract is to be performed upon lands whose ownership obligates the
21 Contractor to pay Sales tax. The provisions of Section 1-07.2(1) apply.
22

23 **Load Limits**

24 Section 1-07.7 is supplemented with the following:
25

26 (*****)

27 Whenever the Contractor obtains materials from a source other than that provided by the
28 Contracting Agency, or provides a source for materials not designated to come from a
29 source provided by the State and the location of the source necessitates hauling on
30 other than State Highways, the Contractor shall, at the Contractor's expense, make all
31 arrangements for the use of the haul routes.
32

33 **Contractor's Responsibility for Work**

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

1 inside the project limits, within one mile of the project limits, or having a driveway or
2 access on a dead-end road within the project limits. The special notice shall contain the
3 following information and statements:
4

- 5 • Date of the notice.
- 6 • Project name, termini, and a description of the major phases of the work.
- 7 • Name of Contractor, Contractor's representative and 24 hour phone number.
- 8 • Scheduled project start and completion dates.
- 9 • Available detour routes.
- 10 • One-way traffic will be maintained during each working day.
- 11 • Two-way traffic will be restored at the end of each working day.
- 12 • All plants, trees, shrubs, gardens, sprinklers or structures within the limits of
13 construction will be removed. Residents are to be advised to remove such
14 property before work begins.
- 15 • Driveways will be remain in useable condition at all times.
- 16 • Mail service interruptions or relocations. Statement that the Contractor will
17 remove, temporarily relocate, and eventually reinstall mail receptacles.
18 Statement that mailboxes, posts, etc., damaged by the Contractor will be
19 replaced and installed at no charge to the resident.
- 20 • Possible problems with power, telephone, potable water, sewer, irrigation supply
21 relocations and/or interruptions, if any.
- 22 • Temporary fencing requirements for livestock, if any.
- 23 • Residents are responsible for driveway curb maintenance.
- 24 • Request to irrigators to eliminate water on the roadway and in the borrow ditches
25 per Grant County Ordinance.

26
27 The Contractor must notify all affected Grant County agencies of the date and
28 anticipated length of all road closures, including school districts, fire districts, Multi-
29 Agency Communications Center (509) 762-1901, Sheriff's Dept. (509) 754-2011,
30 Emergency Management (509) 762-1462, and U.S. Postal Service offices.
31

32 The Contractor must place a "Notice of Road Construction" in the legal newspaper of
33 Grant County. All notices must be provided a minimum of three (3) working days prior to
34 beginning work. The County will not allow any work to be performed until the required
35 notices are made by the Contractor.
36

37 (*****)

38 **Payment**

39 The lump sum contract price for "Notification" shall be full compensation for all labor,
40 equipment, materials, and tools necessary to perform the work outlined in this
41 supplemental section.
42

43 **Utilities And Similar Facilities**

44 Section 1-07.17 is supplemented with the following:
45

46 (*****)

47 Locations and dimensions shown in the Plans for existing facilities are in accordance
48 with available information obtained without uncovering, measuring, or other verification.
49

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

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

10
11 The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating to
12 underground utilities. Any cost to the Contractor incurred as a result of this law shall be
13 at the Contractor's expense.

14
15 No excavation shall begin until all known facilities, in the vicinity of the excavation area,
16 have been located and marked.

17
18 The following addresses and telephone numbers of utility companies and other agencies
19 known or suspected of having facilities within the project limits are supplied for the
20 Contractor's convenience:

- 21 • Grant County PUD, 30 C Street SW,
22 Ephrata, WA 98823, (509) 754-3451
- 23 • Century Tel., P.O. Box 550
24 Connell, WA 99326, (509) 235-3375

25 26 **Public Convenience and Safety**

27 28 ***Construction Under Traffic***

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

30
31 (April 2, 2007)

32 **Work Zone Clear Zone**

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

39
40 During nonworking hours equipment or materials shall not be within the WZCZ
41 unless they are protected by permanent guardrail or temporary concrete barrier.
42 The use of temporary concrete barrier shall be permitted only if the Engineer
43 approves the installation and location.

44
45 During actual hours of work, unless protected as described above, only materials
46 absolutely necessary to construction shall be within the WZCZ and only
47 construction vehicles absolutely necessary to construction shall be allowed within
48 the WZCZ or allowed to stop or park on the shoulder of the roadway.

49
50 The Contractor's nonessential vehicles and employees private vehicles shall not
51 be permitted to park within the WZCZ at any time unless protected as described
52 above.

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 **PROSECUTION AND PROGRESS**

20
21 **Subcontracting**

22 Section 1-08.1 is supplemented with the following:

23
24 (October 12, 1998)

25 Prior to any subcontractor or agent beginning work, the Contractor shall submit to the
26 Engineer a certification (WSDOT Form 420-004) that a written agreement between the
27 Contractor and the subcontractor or between the subcontractor and any lower tier
28 subcontractor has been executed. This certification shall also guarantee that these
29 subcontract agreements include all the documents required by the Special Provision
30 Federal Agency Inspection.
31

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

- 35
- 36 1. Request to Sublet Work (Form 421-012), and
 - 37 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification
38 for Federal-aid Projects (Form 420-004).
- 39

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

48 **Prosecution Of Work**

49
50 The first sentence of Section 1-08.4 is revised to read:

51
52
53
54 (*****)

1 The Contractor shall begin work on May 20, 2013, unless otherwise approved by
2 the Engineer.

3 4 **Time For Completion**

5
6 The third paragraph of Section 1-08.5 is revised to read:

7
8 (*****)

9 Contract time shall begin on the first working day. The first working day shall be
10 May 20, 2013, unless otherwise approved by the Engineer.

11
12 Section 1-08.5 is supplemented with the following:

13
14 (*****)

15 This project shall be physically completed within **50** working days.

16
17 Should the Contractor desire to perform work on any Saturday, Sunday, or Holiday
18 during the life of this contract, the Contractor shall request written permission from the
19 Engineer after submitting a new work schedule specifying the exact dates on which the
20 work is to be performed.

21
22 Should the Contractor desire to begin work before 6:30 am, or desire to work two
23 separate or overlapping shifts during a single 24 hour day, or desire to work a shift
24 longer than 10 hours in a single 24 hour day, he shall request written permission from
25 the Engineer after submitting a new work schedule specifying the exact dates on which
26 the requested work shifts are to be performed.

27
28 The Engineer will consider the Contractor's request and may either approve or deny any
29 or all working dates or shifts contained in the new progress schedule. **If permission is
30 given, all overtime costs incurred by County forces for work on these days will be
31 deducted from the contractors next pay estimate.**

32
33 No additional compensation will be given the Contractor for any delays and costs
34 incurred because of this provision. All costs incurred shall be considered incidental to
35 and included in other applicable contract items.

36 37 **MEASUREMENT AND PAYMENT**

38
39 (March 13, 1995)

40 **Payments**

41 Section 1-09.9 is supplemented with the following:

42
43 The quantity of the following items to be paid for on this project shall be the quantity
44 shown in the Proposal, unless changes are made in accordance with Section 1-04.4
45 which affect this quantity. The quantity shown in the Proposal will be adjusted by the
46 amount of the change and will be paid for as specified in Section 1-04.4.

- 47
48 1. Roadway Excavation incl. Haul
49 2. Embankment Compaction

50
51 The quantities in the Proposal are listed only for the convenience of the Contractor in
52 determining the volume of work involved and are not guaranteed to be accurate. The
53 prospective bidders shall verify these quantities before submitting a bid. No adjustments

1 other than for approved changes will be made in the quantity even though the actual
2 quantities required may deviate from those listed.

3
4 The unit contract price for these items shall be full pay to construct and complete this
5 portion of the work.
6

7
8 **TEMPORARY TRAFFIC CONTROL**

9
10 **Traffic Control Management**

11
12 **General**

13
14 (December 1, 2008)

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

16
17 Only training with WSDOT TCS card and WSDOT training curriculum is
18 recognized in the State of Washington. The Traffic Control Supervisor shall be
19 certified by one of the following:

20
21 The Northwest Laborers-Employers Training Trust
22 27055 Ohio Ave.
23 Kingston, WA 98346
24 (360) 297-3035

25
26 Evergreen Safety Council
27 401 Pontius Ave. N.
28 Seattle, WA 98109
29 1-800-521-0778 or (206) 382-4090

30
31 The American Traffic Safety Services Association
32 15 Riverside Parkway, Suite 100
33 Fredericksburg, Virginia 22406-1022
34 Training Dept. Toll Free (877) 642-4637
35 Phone (540) 368-1701

36
37 **Traffic Control Plans**

38
39 Section 1-10.2(2) is supplemented with the following:

40
41 (*****)
42 The County has provided the Traffic Sign Plan and the applicable Standard "K"
43 plan(s) for this project and said plan(s) are included in these specifications and is made
44 part of this contract.

45
46 The work contemplated in this contract will require the Contractor to take special
47 precautions in developing and implementing safe traffic control procedures in
48 accordance with the MUTCD. The Contractor's attention is directed to WAC 296-155-
49 305 as it relates to signing, signaling and flaggers. All questions concerning new
50 standards should be directed to the Wash. State Dept. of Labor and Industries.

51
52 The Contractor will not be permitted to close Road R-NE within the project limits. One
53 way traffic must be kept open during working hours and two-way traffic restored at the

1 end of each working day. Access to County road intersections, local farms and
2 residences shall be kept open at all times.

3
4 The Contractor will be permitted to close Road R-NE per the Construction Sign plan for
5 removing the existing bridges and installing the culvert pipes at the bridge locations.
6 Two-way traffic shall be restored as soon as possible.

7 8 **Traffic Control Labor, Procedures and Devices**

9 10 **Traffic Control Devices**

11 12 **Construction Signs**

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

14
15 (*****)

16 The required signs will be available to the Contractor at the Grant County Sign Shop,
17 124 Enterprise St. SE, Ephrata, WA, (509) 754-6085, on normal work days. The
18 Contractor shall make arrangements with the Engineer at least ten working days prior to
19 picking up the signs. The Contractor shall sign an itemized receipt at the time of
20 acquisition.

21
22 Signs shall be returned to Grant County Sign Shop by the Contractor when their need
23 has ceased as determined by the Engineer. The value of signs furnished by the
24 Contracting Agency to the Contractor is fixed at \$10.00 per square foot. The value of
25 such signs which are damaged or not returned as provided in Section 1-10.3(3)A will be
26 deducted from payment due or to become due the Contractor.

27 28 **Wood Sign Posts**

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

30 31 **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

32 33 34 35 36 37 38 39 **Two Post Installation** 40 (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 *

41
42
43
44
45
46
47
48 * The Engineer will determine the post size for signs greater than 75
49 square feet.

50 51 **Barricades**

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

53
54 (*****)

1 All barricades shall be furnished by the contractor, shall be Type III and constructed in
2 accordance with the details shown in the MUTCD and the Standard Plans, and shall be
3 eight (8) feet wide.
4

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

9 **Measurement**

10 (*****)

11 Section 1-10.4 is supplemented with the following:
12
13

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

18 **Payment**

19 Section 1-10.5(1) is supplemented with the following:
20

21 (*****)

22 No additional compensation will be paid to the Contractor for any cost or expense
23 incurred as a result of the requirements of this provision and all costs shall be
24 considered incidental to and included in other applicable contract items.
25
26

27 **DIVISION 2 EARTHWORK**

28 **CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

29 **Description**

30 Section 2-01.1 is supplemented with the following:
31
32

33 (March 13, 1995)

34 Clearing and grubbing on this project shall be performed within the following limits:
35
36

37 Road R-NE – Sta. 430+25 to 699+30. The contractor should be aware that the cost of
38 the removal of the trees located between station 482+00 and station 486+00, on the
39 right side of the road, shall to be included in this bid item.
40

41 **REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

42 **Construction Requirements**

43 (*****)

44 **Salvage of Removed Structure Items**

45 The following items being removed from the existing Bridges shall remain the
46 property of the Contracting Agency:
47
48

49 **Bridge #129, R-NE**

50 All Structure Steel and timber curbing.
51
52

1 The Contractor shall transport the specified salvage items to the following
2 locations:

3
4 **All Structure Steel Items:**

5 *** George Dropbox, 17573 Road 1-NW, George, WA 98824 ***
6

7 The Contractor shall stack the materials and box up all hardware and place the
8 materials where directed by the Engineer. The Contractor shall contact the
9 Engineer at least five working days prior to delivery of the items to confirm
10 delivery arrangements.
11

12 **Removal of Bridges, Box Culverts, and Other Drainage Structures**

13 Section 2-02.3(2) is supplemented with the following:
14

15 (*****)

16 The Contractor shall remove existing Bridge #129, R-NE, located in
17 Section 13, T24N, R29E WM, as shown on the plan.
18

19 (June 26, 2000)

20 **Bridge Demolition Plan**

21 The Contractor shall submit a bridge demolition plan with working
22 drawings and calculations to the Engineer for approval in accordance with
23 Section 6-01.9, showing the method of removing the existing bridge(s), or
24 portions of bridges, as specified.
25

26 The bridge demolition plan shall show support bents, bracing, guys, lifting
27 devices, lifting attachments, the sequence of demolition and removal, the
28 type of equipment to be used in all demolition and removal operations,
29 the location of cranes and barges, the location of support or lifting points,
30 and the weights of structure parts being removed. The plan shall include
31 a crane stability analysis and crane load calculations based on the
32 controlling crane picks of the Contractor's plan. The plan shall detail the
33 containment, collection, and disposal of all debris. The plan shall show all
34 stages of demolition.
35

36 The Contractor shall not begin removal operations until receiving the
37 Engineer's approval of the bridge demolition plan.
38

39 (June 26, 2000)

40 **Use of Explosives**

41 Explosives shall not be used in the demolition,
42

43 (*****)

44 **Requirements for Closing Bridge to Traffic Prior to Beginning
45 Removal**

46 The Contractor shall not close the existing bridge to traffic and shall not
47 begin bridge removal operations until the following conditions are met:
48

- 49 1. The Contractor has received the Engineer's approval of the bridge
50 demolition plan.
- 51 2. The Contractor has sufficient material on hand to complete bridge
52 removal and bridge construction operations in the least possible
53 time.

3. The Contractor shall furnish a report on the status of material delivery to the Engineer. The report shall specify the materials already available at the site, the materials yet to arrive at the site, and the scheduled delivery dates of the materials yet to arrive at the site.
4. The Engineer has received the list of residents notified about the project and road closure.
5. The Contractor has received the Engineer's approval to proceed.

Removal of Pavement, Sidewalks, and Curbs

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

(*****)

Rotomilling Bituminous Pavement

The Contractor shall rotomill all existing bituminous pavement. The Contractor shall provide equipment capable of producing planings 2 inches in diameter or smaller. All sections planed on any given day shall be uniformly spread, watered, and re-compacted to a non-yielding surface over the existing subgrade by the end of the work day and re-graded, if necessary, to the staked line and grade before placement of crushed surfacing materials.

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

Payment

Section 2-02.5 is supplemented with the following:

"Rotomilling Bituminous Pavement", per square yard.

"Removal of Existing Bridge #129 – R-NE", lump sum.

ROADWAY EXCAVATION AND EMBANKMENT

Construction Requirements

Disposal of Surplus Material

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

(*****)

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

DIVISION 3 PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING

PRODUCTION FROM QUARRY AND PIT SITES

State Furnished Material Sources

Section 3-01.3 is supplemented with the following:

(*****)

1 The following source(s) of stockpiled materials are made available to the Contractor at
2 the unit prices shown under the section entitled Stockpiling Aggregates:

3
4 Stockpile Site *** #586 *** source for ***crushed surfacing base course and maintenance
5 rock *** is located in Section 33, Township 25 North, Range 29 East W.M., as shown in
6 the Plans.

9 STOCKPILING AGGREGATES

10 General Requirements

11 *Removing Aggregates From Stockpiles*

12 Section 3-02.2(7) is supplemented with the following:

13 (*****)

14 Crushed Surfacing Base Course and Maintenance Rock aggregates for use in this
15 project exist in stockpile at the location and for the unit prices listed below and in the
16 amounts shown in the Plans.

17 <u>Location</u>	18 <u>Material</u>	19 <u>Price</u>
20 Index #586	21 Crushed Surfacing Base Course	22 \$3.62/Ton
23 36-NE Rd. Quarry	24 Maintenance Rock	25 \$3.50/Ton
26 Sec. 33, T25N, R29 E WM	27 Gravel Backfill for Pipe Zone Bedding	28 \$5.35/C.Y.

29 The Contractor may obtain material from other sources provided they are approved by
30 the Engineer and provided the Contractor makes all arrangements and pays all
31 expenses required for the acquisition of the materials.

32 Payment

33 Section 3-02.5 is supplemented with the following:

34 (*****)

35 The unit contract price shall be full payment for the purchase, loading, weighing, hauling,
36 placing and compacting of materials provided in stockpile or, if so chosen by the
37 Contractor for the furnishing, weighing, hauling, placing and compacting of materials
38 obtained by the Contractor from an approved source of the Contractor's own choice and
39 acquisition.

40 If the Contractor chooses to use the materials existing in stockpile, the County shall
41 deduct the costs of such aggregates from monthly progress estimates in accordance
42 with the rates specified above and based on the quantity of materials allowed by the
43 Engineer on the monthly progress payments and final estimate.

44 SITE RECLAMATION

45 Contracting-Agency Provided Sites

46 Section 3-03.2(1) is supplemented with the following:

47 (March 13, 1995)

48 Site reclamation shall be performed by the Contracting Agency on all sites furnished by
49 the Contracting Agency.

1
2 **DIVISION 4 BASES**

3
4 **BALLAST AND CRUSHED SURFACING**

5
6 **Construction Requirements**

7
8 ***Equipment***

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

10
11 (*****)

12 All equipment necessary for the satisfactory performance of this construction
13 shall be on the project and approved by the Engineer prior to beginning work.
14 The Contractor will be required to demonstrate that equipment of sufficient size,
15 number, and reliability has been provided to meet the project schedule submitted
16 by the Contractor, if requested by the Engineer.

17
18 ***Placing and Spreading***

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

20
21 (*****)

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

25
26 The Contractor will place the material in such a way as to minimize the impact of
27 the hauling vehicles. Hauling over any of the surfacing materials prior to
28 processing shall not be permitted.

29
30 ***Miscellaneous Requirement***

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

33
34 (*****)

35 Each course of surfacing material shall be placed in its entirety before placing the
36 succeeding course unless otherwise authorized by the Engineer. The Contractor
37 shall repair any segregated areas by reprocessing the effected section of each
38 course before placing any additional material.

39
40
41 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

42
43 **EROSION CONTROL AND WATER POLLUTION CONTROL**

44
45 **Construction Requirements**

46
47 ***Mulching***

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

49
50 (*****)

51 Wood cellulose fiber suitable for use with a hydroseeder shall be applied at a rate
52 of 2,000 pounds per acre or as specified by the manufacturer for the type of work

1 outlined in this contract and within forty eight hours after seeding. Wood
2 cellulose fiber will be applied separately after seeding and fertilizing.
3
4

5 **MONUMENT**

6 **Construction Requirements**

7
8
9 (*****)

10 Section 8-13.3 is supplemented with the following:

11
12 In addition to the existing monuments, the contractor will be required to install
13 monuments at the intersection of R-NE and 33-NE, R-NE and 34-NE, and R-NE and 35-
14 NE.
15

16 All work shall be performed by a licensed surveyor.

17
18 The Contractor shall provide the Engineer GPS coordinates on all monuments set or
19 reset.
20

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

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

35 **Payment**

36
37 (*****)

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

41 **PERMANENT SIGNING**

42 **Construction Requirements**

43
44
45 (*****)

46 Section 8-21.3 is supplemented with the following:

47
48 All existing signs, posts and hardware within the project limits shall be removed and
49 salvaged to the Grant County Sign Shop, 124 Enterprise St. S.E., Ephrata, WA, Monday
50 thru Friday, 7:00 A.M. to 3:00 P.M.
51

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

1
2 All sign post lengths shall be determined by the Contractor and approved by the
3 Engineer prior to installation.

4
5 The Permanent Signing Appendix lists the signs that shall be furnished and installed by
6 the Contractor.

7 8 **PAVEMENT MARKING**

9 10 **Materials**

11
12 (*****)

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

14
15 Materials for pavement marking shall be acetone-based paint and conform to WSDOT
16 paint formulas HWVY2 for yellow lines and HWVW1 for white lines. Water-based paints
17 are not be acceptable.

18 19 **Construction Requirements**

20 21 ***Preliminary Spotting***

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

23
24 (*****)

25 The Contractor shall use established control points to assist in the preliminary
26 spotting of the lines to be marked. Where control points are unavailable the
27 Contractor shall establish such control as necessary to provide accurate
28 preliminary spotting for pavement marking. The Engineer shall provide control
29 points for no-pass zones.

30 31 ***Marking Application***

32 Section 8-22.3(?) is supplemented with the following:

33
34 (*****)

35 This contract contains new striping work and will require two applications of paint
36 on a thoroughly swept pavement surface. 10 mils on the first pass and 15 mils
37 on the second pass in the opposite direction. Glass beads for retro-reflective
38 applications shall be applied at the rate of 7 pounds per gallon of paint.

39 The Contractor shall use a three gun paint spray system for all striping on this
40 contract.

41 42 43 44 **DIVISION 9 MATERIALS**

45 46 **AGGREGATES**

47 48 **Aggregates for Ballast and Crushed Surfacing**

49 50 ***Crushed Surfacing & Maintenance Rock***

51 Section 9-03.9(3) and 9-03.9(4) are supplemented with the following:

52
53 (*****)

	Sieve Size	Base Course Percent Passing	Maintenance Rock Percent Passing
1			
2			
3	1 – 1/4" square	100	
4	5/8" square	50 – 80	
5	1/2" square	-	100
6	1/4" square	30 – 50	55 – 70
7	US No. 40	5 – 18	10 – 25
8	US No. 200	3 – 7.5	3 – 7
9			
10	Fracture	75% min.	75% min.
11	Sand Equivalent	35% min.	40% min.
12			

EROSION CONTROL AND ROADSIDE PLANTING

Seed

Section 9-14.2 is supplemented with the following:

(*****)

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

Kind and variety of Seed in mixture	% By Weight	Minimum % Pure Seed	Minimum % Germination
Arid Area Mix A Containing*:			
Sherman Big Bluegrass	10	9.5	70
Crested Wheatgrass	30	28.5	85
Schwindamer Thickspike	30	28.5	85
Slender Wheatgrass	20	28.0	85
Weed Seed		2.0 (max)	
Inert and other crop		<u>3.5 (max)</u>	
Total		100.0	
Arid Area Mix B Containing**:			
Sheep Fescue	30	28.5	85
Crested Wheatgrass	30	28.5	85
Intermediate Wheatgrass	30	28.0	85
Annual Ryegrass	10	9.5	85
Weed Seed		2.0 (max)	
Inert and other crop		<u>3.5 (max)</u>	
Total		100.0	

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

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

Fertilizer

Section 9-14.3 is supplemented with the following:

(*****)

1 Sufficient quantities of fertilizer shall be applied to supply the following amounts of
2 nutrients:

3
4 Total Nitrogen as N - 135 pounds per acre

5 Available Phosphoric Acid as P_2O_5 - 80 pounds per acre

6
7 Soluable Potash as K_2O - 80 pounds per acre

8
9
10 Ninety pounds of nitrogen applied per acre shall be derived from isobutylidene dilurea
11 (IBDU), cyclo-di-urea (CDU), or sulphur coated urea (SCU). The remainder may be
12 derived from any source.

13
14 The fertilizer formulation and application rate shall be approved by the Engineer before
15 use.

16
17
18
19
20
21
22 **STANDARD PLANS**

23 *August 2, 2010*

24
25 The State of Washington Standard Plans for Road, Bridge and Municipal Construction M41-10
26 transmitted under Publications Transmittal No. PT 08-001, effective January 2, 2012 is made a
27 part of this contract.

PROPOSAL

To: Board of County Commissioners
Grant County, Washington

Date: _____, 2013

This certifies that the undersigned has examined the location of **R-NE Road, CRP 12-07, 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.

R-NE Road

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

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 Existing Bridge #129, R-NE	At ////////.//// Per Lump Sum	.
GRADING				
5	62,000 S.Y.	Rotomilling Bituminous Pavement	At . . Per Square Yard	.
6	26,215 C.Y.	Roadway Excavation including Haul	At . . Per Cubic Yard	.
7	17,899 Cu. Yd.	Embankment Compaction	At . . Per Cubic Yard	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
DRAINAGE				
8	360 L.F.	Plain Steel Culvert Pipe 0.064" Th. – 12" Diameter	At . Per Linear Foot	. .
9	155 L.F.	Plain Steel Culvert Pipe 0.064" Th. – 18" Diameter	At . Per Linear Foot	. .
10	375 L.F.	Plain Steel Culvert Pipe 0.064" Th. – 36" Diameter	At . Per Linear Foot	. .
11	80 L.F.	Plain Steel Culvert Pipe 0.064" Th. – 60" Diameter	At . Per Linear Foot	. .
12	234 L.F.	Plain Steel Culvert Pipe 0.100" Th., 5x1 Corr., 73" x 55"	At . Per Linear Foot	. .
13	6.0 Cu. Yd.	Commercial Concrete for Headwall, including Steel Reinforcing Bar for Headwall	At . Per Cubic Yard	. .
SURFACING				
14	32,700 Ton	Crushed Surfacing Base Course from Stockpile #586	At . Per Ton	. .
15	20,700 Ton	Maintenance Rock from Stockpile #586	At . Per Ton	. .
TRAFFIC				
16	479 L.F.	Beam Guardrail Type 31	At . Per Linear Foot	. .
17	6 Each	Beam Guardrail Type 31 – Non-Flared Terminal	At . Per Each	. .

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
18	13,729 L.F.	Painted Skip Centerline	At . Per Linear Foot	.
19	8,300 L.F.	Painted Skip Centerline with No Pass	At . Per Linear Foot	.
20	4,570 L.F.	Painted Double Yellow Center Line	At . Per Linear Foot	.
21	53,198 L.F.	Painted Edge Line - White	At . Per Linear Foot	.
22	100% Lump Sum	Permanent Signing	At //////////.///// Per Lump Sum	.
OTHER ITEMS				
23	265 Cu. Yd.	Structure Excavation, Class "B" including Haul	At . Per Cubic Yard	.
24	240 Cu. Yd.	Gravel Backfill for Pipe Zone Bedding	At . Per Cubic Yard	.
25	70 Cu. Yd.	Controlled Density Fill	At . Per Cubic Yard	.
26	Each	Monument	At . Per Each	.
27	100% Lump Sum	Trimming and Cleanup	At //////////.///// Per Lump Sum	.
28	10.0 Acre	Seeding, Fertilizing and Mulching with Arid Mix A or B	At . Per Acre	.

29	Calculated	Minor Changes	At ////////-//// Calculated	-\$1.00
----	------------	---------------	-----------------------------------	---------

Contract Total	.
-----------------------	---

INFORMATIONAL COPY ONLY

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 8/05

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.

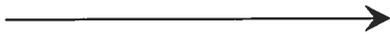
A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

- 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: _____, 2013

RE: **R-NE Road, CRP 12-07**

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

1. My permanent business name and address is _____
which I have maintained for ____ years. My phone is (____) _____ Fax (____) _____
2. I have adequate plant equipment to expeditiously and properly perform the work contemplated for Grant County, Washington. **Description of work:** This contract provides for the reconstruction of 5.10 miles of a county road in Grant County, WA, and includes removal of a bridge, rotomilling, roadway excavation, embankment compaction, crushed surfacing base course, maintenance rock, drainage items, paint lines, permanent signing, seeding, fertilizing, mulching 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

INFORMATIONAL COPY ONLY

Bid Bond

KNOW ALL MEN BY THESE PRESENTS:

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

The condition of the obligation is such that if the Oblige shall make any award to the
Principal for **R-NE Road, CRP 12-07**, located in Grant County, Washington, according to the
terms of the proposal or bid made by the Principal therefor, and the Principal shall duly make
and enter into a contract with the Oblige in accordance with the terms of said proposal or bid
and award and shall give bond for the faithful performance thereof, with the Surety or Sureties
approved by the Oblige; or if the principal shall, in case of failure so to do, pay and forfeit to
the Oblige the penal amount of the deposit specified in the call for bids, then this obligation
shall be null and void; otherwise it shall be and remain in full force and effect and the Surety
shall forthwith pay and forfeit to the Oblige, as penalty and liquidated damages, the amount
of this bond.

SIGNED, SEALED AND DATED THIS ____ DAY OF _____, 2013

Principal _____

Surety _____

Attorney-in-Fact _____

INFORMATIONAL COPY ONLY

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 **R-NE Road, CRP 12-07**, located in Grant County, Washington, as proposed in a bid opened **1:30 P.M., Tuesday, April 30, 2013** 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 _____, 2013

Signature

Print Name

Firm Name

Address

City State Zip

() _____
Phone

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

____ day of _____, 2013

Deputy Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
OF GRANT COUNTY, WASHINGTON

Done this ____ day of _____, 2013

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 _____, 2013.

The conditions of the above obligation are such that:

WHEREAS, on **April 30, 2013**, 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 **R-NE Road, CRP 12-07**, 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

Deputy Prosecuting Attorney

INFORMATIONAL COPY ONLY

TITLE VI – Contractor Requirements

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

1. Compliance with Regulations

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

2. Non-discrimination

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

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

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

4. Information and Reports

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

5. Sanctions for Non-compliance

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

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

6. Incorporation of Provisions

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

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

INFORMATIONAL COPY ONLY

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

Washington State Prevailing Wage

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

Journey Level Prevailing Wage Rates for the Effective Date: 4/10/2013

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Grant	Fence Erectors	Fence Erector	\$18.89		<u>1</u>	
Grant	Fence Erectors	Fence Laborer	\$17.60		<u>1</u>	
Grant	Flaggers	Journey Level	\$37.01	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Air And Hydraulic Tract Drill	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Asphalt Raker	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Asphalt Roller, Walking	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Brick Pavers	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Brush Hog Feeder	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Brush Machine	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Carson Worker, Free Air	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Carpenter Tender	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Cement Finisher Tender	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Cement Handler	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Chain Saw Operator & Faller	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Clean-up Laborer	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Compaction Equipment	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Concrete Crewman	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Concrete Saw, Walking	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Concrete Signalman	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Concrete Stack	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Confined Space Attendant	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Crusher Feeder	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Demolition	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Demolition Torch	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Dope Pot Fireman, Non-mechanical	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Driller Helper (when Required To Move & Position Machine)	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Drills With Dual Masts	\$34.93	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Dry Stack Walls	\$34.11	<u>7B</u>	<u>1M</u>	

Grant	Laborers	Dumpman	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Erosion Control Laborer	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Final Detail Cleanup (i.e., Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup)	\$32.01	<u>7B</u>	<u>1M</u>
Grant	Laborers	Firewatch	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Form Cleaning Machine Feeder, Stacker	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Form Setter, Paving	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	General Laborer	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Grade Checker	\$36.64	<u>7B</u>	<u>1M</u>
Grant	Laborers	Grout Machine Header Tender	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Guard Rail	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Gunite	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Hazardous Waste Worker (level A)	\$34.93	<u>7B</u>	<u>1M</u>
Grant	Laborers	Hazardous Waste Worker (level B)	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Hazardous Waste Worker (level C)	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	Hazardous Waste Worker (level D)	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Hdpe Or Similar Liner Installer	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	High Scaler	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Jackhammer Operator Miner, Class "e"	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	Laser Beam Operator	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Miner, Class "a"	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Miner, Class "c"	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Miner, Class "d"	\$34.93	<u>7B</u>	<u>1M</u>
Grant	Laborers	Monitor Operator, Air Track Or Similar Mounting	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Mortar Mixer	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Nipper	\$34.11	<u>7B</u>	<u>1M</u>
Grant	Laborers	Nozzleman	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pavement Breaker, 90 Lbs. & Over	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pavement Breaker, Under 90 Lbs.	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pipelayer	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pipelayer, Corrugated Metal Culvert And Multi-plate	\$34.38	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pipewrapper	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Plasterer Tenders	\$34.65	<u>7B</u>	<u>1M</u>
Grant	Laborers	Pot Tender	\$34.38	<u>7B</u>	<u>1M</u>

Grant	Laborers	Powderman	\$36.30	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Powderman Helper	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Power Buggy Operator	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Power Tool Operator, Gas, Electric, Pneumatic	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Railroad Equipment, Power Driven, Except Dual Mobile	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Railroad Power Spiker Or Puller, Dual Mobile	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Remote Equipment Operator	\$34.93	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Remote Equipment Operator (i.e. Compaction And Demolition)	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Rigger/signal Person	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Riprap Person	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Rodder & Spreader	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Sandblast Tailhoseman	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Scaffold Erector, Wood Or Steel	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Stake Jumper	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Structural Mover	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Tailhoseman (water Nozzle)	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Timber Bucker & Faller (by Hand)	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Track Laborer (rr)	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Traffic Control Laborer	\$32.01	<u>7B</u>	<u>1M</u>	<u>8T</u>
Grant	Laborers	Traffic Control Supervisor	\$33.01	<u>7B</u>	<u>1M</u>	<u>8S</u>
Grant	Laborers	Trencher, Shawnee	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Trenchless Technology Technician	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Truck Loader	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Tugger Operator	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Vibrators, All	\$34.65	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Wagon Drills	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Water Pipe Liner	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Welder, Electric, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$34.93	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Well-point Person	\$34.11	<u>7B</u>	<u>1M</u>	
Grant	Laborers	Wheelbarrow, Power Driven	\$34.38	<u>7B</u>	<u>1M</u>	
Grant	Painters	Journey Level	\$36.53	<u>6Z</u>	<u>2B</u>	
Grant	Power Equipment Operators	A-frame Truck (2 Or More Drums)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	A-frame Truck (single Drum)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Asphalt Plant Operator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators		\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)				
Grant	Power Equipment Operators	Assistant Refrigeration Plant (under 1000 Ton)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Automatic Subgrader (ditches & Trimmers)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backfillers (cleveland & Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoe & Hoe Ram (under 3/4 Yd.)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoe (45,000 Gw & Under)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoe (45,000 Gw To 110,000 Gw)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoe (over 110,000 Gw)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoes & Hoe Ram (3 Yds & Over)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$39.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bagley Or Stationary Scrape	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Batch Plant (over 4 Units)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Belt Finishing Machine	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Belt Loader (kocal Or Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Belt-cone Conveyors With Power Pack Or Similar	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bending Machine	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bit Grinders	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Blade Operator (motor Patrol & Attachments)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Blower Operator (cement)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Boat Operator	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bob Cat (skid Steer)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bolt Threading Machine	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Boom Cats (side)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Boring Machine (earth)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Boring Machine (Rock Under 8" Bit - Quarry Master, Joy Or Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Bump Cutter (wayne, Saginaw Or Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators		\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Cableway Controller (dispatcher)				
Grant	Power Equipment Operators	Cableway Operators	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Canal Lining Machine (concrete)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Carrydeck & Boom Truck (under 25 Tons)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Cement Hog	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Clamshell, Dragline	\$40.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Compactor (self-propelled With Blade)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Concrete Cleaning / Decontamination Machine Operator	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Concrete Pump Boon Truck	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Concrete Pumps (squeeze-concrete, Flowcrete, Whitman & Similar)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Concrete Saw (multiple Cut)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Concrete Slip Form Paver	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Conveyor Aggregate Delivery Systems (c.a.d.)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Cranes (85 Tons & Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$40.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Crusher Feeder	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Crusher, Grizzle & Screening Plant Operator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Curb Extruder (asphalt Or Concrete)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	Power Equipment Operators	Deck Engineer	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Deck Hand	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Derricks & Stifflegs (65 Tons & Over)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Derricks & Stifflegs (under 65 Tons)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Distributor Leverman	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Ditch Witch Or Similar	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Dope Pots (power Agitated	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Dozer / Tractors (d-6 & Equivalent & Over)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Dozer, 834 R/t & Similar	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Drill Doctor	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Driller Licensed	\$40.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Drillers Helper	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Drilling Equipment (8" Bit & Over - Robbins, Reverse Circulation & Similar)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Drills (churn, Core, Calc Or Diamond)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Elevating Belt (Holland Type)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Elevating Grader-type Loader (dumas, Adams Or Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Elevator Hoisting Materials	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Equipment Serviceman, Greaser & Oiler	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Fireman & Heater Tender	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Generator Plant Engineers (diesel Or Electric)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Gin Trucks (pipeline)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Grade Checker	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Gunite Combination Mixer & Compressor	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	H.d. Mechanic	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	H.d. Welder	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Helicopter Pilot	\$40.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Helper, Mechanic Or Welder, H.D	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Hoe Ram	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Hoist (2 Or More Drums Or Tower Hoist)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Hoist, Single Drum	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	Power Equipment Operators	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Hydro-seeder, Mulcher, Nozzleman	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Lime Batch Tank Operator (recycle Train)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Lime Brain Operator (recycle Train)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loaders (bucket Elevators And Conveyors)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Loaders (overhead And Front-end, 10 Yds. & Over)	\$40.71	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Locomotive Engineer	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Longitudinal Float	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Master Environmental Maintenance Technician	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Mixer (portable - Concrete)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Mixer/mobile	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Mobile Crusher Operator (recycle Train)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Mucking Machine	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Multiple Dozer Units With Single Blade	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Pavement Breaker, Hydra-hammer & Similar	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Paving (dual Drum)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Paving Machine (asphalt And Concrete)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Piledriving Engineers	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Plant Oiler	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Posthole Auger Or Punch	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Power Broom	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Pump (grout Or Jet)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Pumpman	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Quad-track Or Similar Equipment	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Railroad Ballast Regulation Operator (self-propelled)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Railroad Power Tamper Operator (self-propelled)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators		\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Railroad Tamper Jack Operator (self-propelled)				
Grant	Power Equipment Operators	Railroad Track Liner Operator (self-propelled)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Refrigeration Plant Engineer (1000 Tons & Over)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Refrigeration Plant Engineer (under 1000 Ton)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Rollerman (finishing Asphalt Pavement)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Roto Mill (pavement Grinder)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Rotomill Groundsman	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Rubber-tired Skidders (w/t With Or Without Attachments)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Scrapers, All, Rubber-tired	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Screed Operator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Shovels (3 Yds. & Over)	\$39.61	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Shovels (under 3 Yds.)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$39.06	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Soil Stabilizer (p & H Or Similar)	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Spray Curing Machine (concrete)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Spreader Box (self-propelled)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Spreader Machine	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Steam Cleaner	\$37.81	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Straddle Buggy (ross & Similar On Construction Job Only)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Surface Heater & Planer Machine	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Traverse Finish Machine	\$38.74	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Trenching Machines (7 Ft. Depth & Over)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Trenching Machines (under 7 Ft. Depth Capacity)	\$38.90	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Tug Boat Operator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	Power Equipment Operators	Tugger Operator	\$38.13	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	Power Equipment Operators	Turnhead (with Re-screening)	\$38.90	7B	1M	8D
Grant	Power Equipment Operators	Turnhead Operator	\$38.74	7B	1M	8D
Grant	Power Equipment Operators	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$39.61	7B	1M	8D
Grant	Power Equipment Operators	Vactor Guzzler, Super Sucker	\$39.34	7B	1M	8D
Grant	Power Equipment Operators	Vacuum Blasting Machine Operator	\$39.61	7B	1M	8D
Grant	Power Equipment Operators	Vacuum Drill (reverse Circulation Drill Under 8" Bit)	\$38.90	7B	1M	8D
Grant	Power Equipment Operators	Welding Machine	\$37.81	7B	1M	8D
Grant	Power Equipment Operators	Whirleys & Hammerheads, All	\$39.61	7B	1M	8D
Grant	Surveyors	All Classifications	\$28.57	Null	1	
Grant	Traffic Control Stripers	Journey Level	\$41.53	7A	1K	
Grant	Truck Drivers	Dump Truck	\$26.09		1	
Grant	Truck Drivers	Dump Truck And Trailer	\$26.09		1	
Grant	Truck Drivers	Other Trucks	\$7.84		1	
Grant	Truck Drivers	Transit Mixer	\$10.00		1	

INFORMATIONAL COPY ONLY

Overtime Codes

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

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

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

1. 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.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and any 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.

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

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

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

3. B. 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, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- D. All hours worked between 6:00 pm Monday through 6:00 am Saturday, shall be paid at an overtime rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am on Saturdays, shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, , 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 8:00 am Sunday to 8:00 am Monday and Holidays shall be paid at double the straight time rate of pay. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

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

Holiday Codes Continued

6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, Christmas Day, And A Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And Christmas Eve Day (11).
- 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).

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

6. T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

Holiday Codes Continued

7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday And Saturday After Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day. (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- O. Paid Holidays: New Year's Day, The Day After Or Before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, The Day After Or Before Christmas Day, And The Employees Birthday. (11). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

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

Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

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

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) 902-5200.

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

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

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

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

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

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

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

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

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

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

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

See RCW 39.2.010

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

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

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

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

- 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.]

INFORMATIONAL COPY ONLY

CONSTRUCTION SIGN PLAN

DATE: 4/9/2013

PROJ. NAME: R NE

CRP # 12-07

ITEM #	MUTCD #	QTY	SIGN	# CHK	# CHK	DESCRIPTION	SIZE	COLOR
			STATUS	OUT	IN			
1	W20-1	7	OK			ROAD WORK AHEAD	36X36	B/O
2	W20-3	2	OK			ROAD CLOSED AHEAD	36X36	B/O
3	G20-2	2				R NE CLOSED TO THRU TRAFFIC	60X36	B/O
4	W8-1	8	OK			ROUGH ROAD	36X36	B/O
5	W21-1701	8	OK			MC USE EXTREME CAUTION	30X24	B/O
6	R11-4	2				ROAD CLOSED TO THRU TRAFFIC		B/W
7	G20-1	2				ROAD WORK NEXT 5 MI	60X30	B/O
8	W20-2	2				DETOUR AHEAD	36X36	B/O
9	M4-9R	3				DETOUR RIGHT	30X24	B/O
10	M4-9L	4				DETOUR LEFT	30X24	B/O
11	R11-3	2				BRIDGE OUT	48X30	B/W
12	W11-2	2				BRIDGE OUT 500 FT	48X30	B/W
13	R11-2	4				ROAD CLOSED	48X30	B/W
14	R11-4	2				R NE CLOSED FROM 31 NE TO 36 NE	60X36	B/O
15	R11-4	2				USE ALTERNATE ROUTE R NE CLOSED FROM 36 NE TO 31 NE USE ALTERNATE ROUTE	60X36	B/O

***NOTE: 1**
CLASS "B" WORK ZONE FLAGGER SIGNS TO BE PROVIDED BY CONTRACTOR ON TEMPORARY STANDS. IF NECESSARY SIGNS LEFT OVERNIGHT WILL HAVE FLASHERS ATTACHED.

***NOTE: 2**
SIGN TO BE MOUNTED ON ONE (1) EACH TYPE III BARRICADE WITH FLASHERS. MIN EIGHT (8) FT WIDE
--|---|--- IS THE SYMBOL FOR TWO (2) EACH TYPE III BARRICADES WITH FLASHERS ON THE SIGN PLAN MAP
THERE ARE A TOTAL OF 8 TYPE III BARRICADES ON THIS PROJECT.

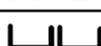
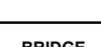
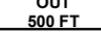
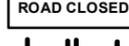
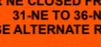
***NOTE: 3**
CONTRACTOR IS RESPONSIBLE FOR BARRICADES AND THE MAINTENANCE OF ALL CONSTRUCTION SIGNS AND THE REPLACEMENT OF ALL REMOVED STOP SIGNS. OTHER TRAFFIC SIGNS THAT ARE REMOVED ARE TO BE STORED AT A SITE DETERMINED BY THE PROJECT INSPECTOR. PORTABLE SIGNS AND TRAFFIC CONTROL DEVICES LISTED ARE NOT INTENDED TO BE COMPLETE. OTHER SIGNS MAY BE REQUIRED WITHIN THE PROJECT LIMITS TO ACCOMMODATE CONTRACTORS WORK METHODS.

CHECK OUT--CONTRACTORS REP: _____ DATE _____

CHECK IN---ALL SIGNS IN GOOD ORDER OR AS OTHERWISE NOTED: _____

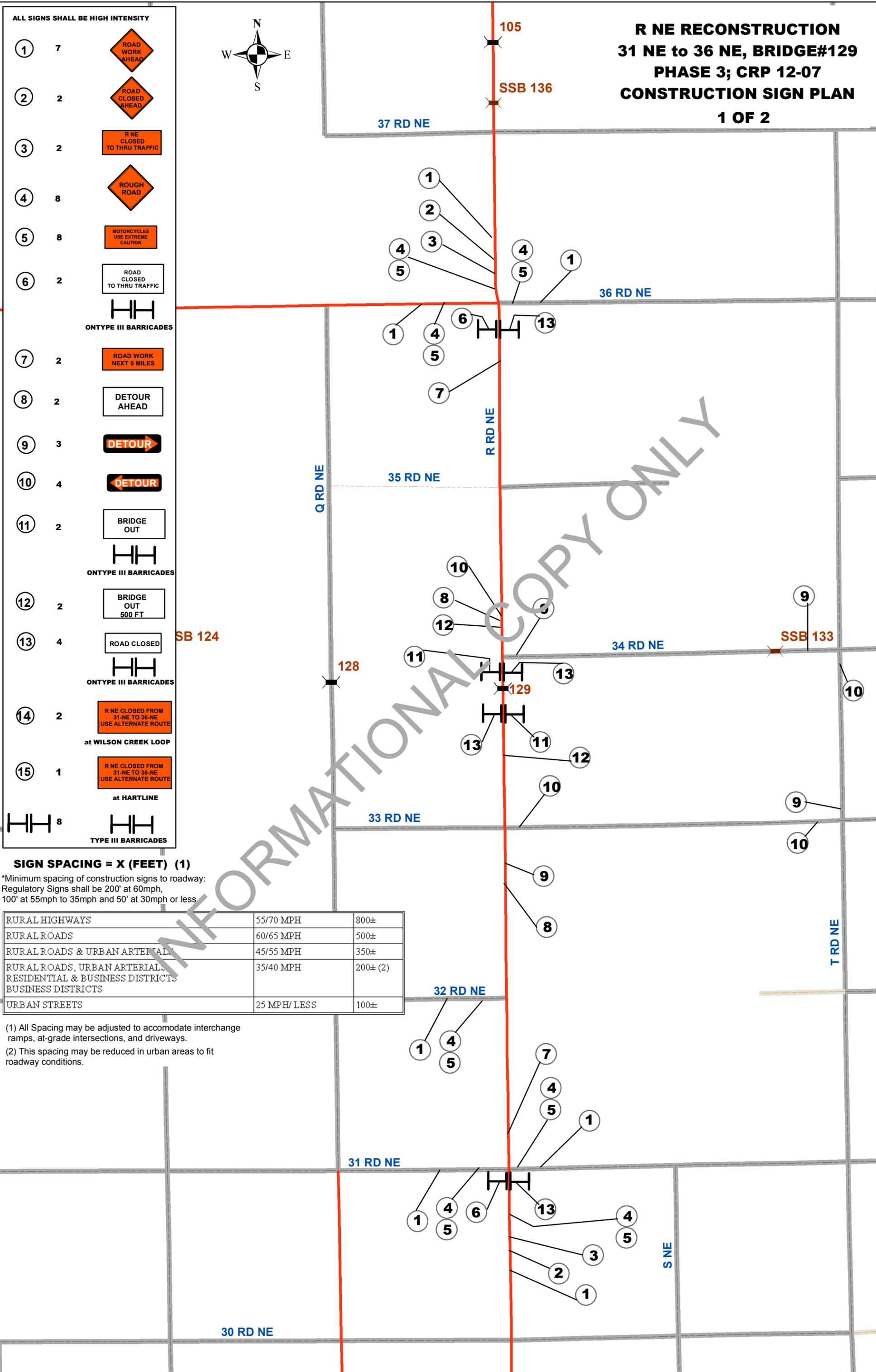
CHECK IN--COUNTY REP: _____ DATE _____

ALL SIGNS SHALL BE HIGH INTENSITY

- ① 7 
- ② 2 
- ③ 2 
- ④ 8 
- ⑤ 8 
- ⑥ 2 
-  ONTYPE III BARRICADES
- ⑦ 2 
- ⑧ 2 
- ⑨ 3 
- ⑩ 4 
- ⑪ 2 
-  ONTYPE III BARRICADES
- ⑫ 2 
- ⑬ 4  SB 124
-  ONTYPE III BARRICADES
- ⑭ 2  at WILSON CREEK LOOP
- ⑮ 1  at HARTLINE
-  TYPE III BARRICADES



**R NE RECONSTRUCTION
31 NE to 36 NE, BRIDGE#129
PHASE 3; CRP 12-07
CONSTRUCTION SIGN PLAN
1 OF 2**



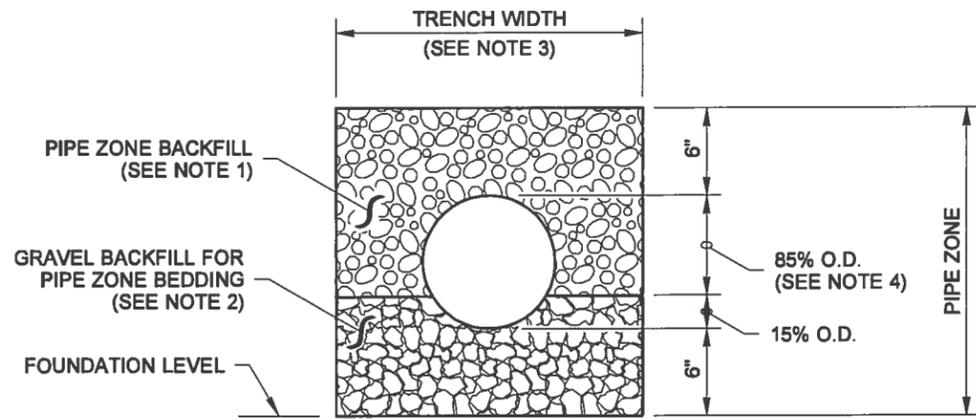
SIGN SPACING = X (FEET) (1)

*Minimum spacing of construction signs to roadway:
Regulatory Signs shall be 200' at 60mph,
100' at 55mph to 35mph and 50' at 30mph or less

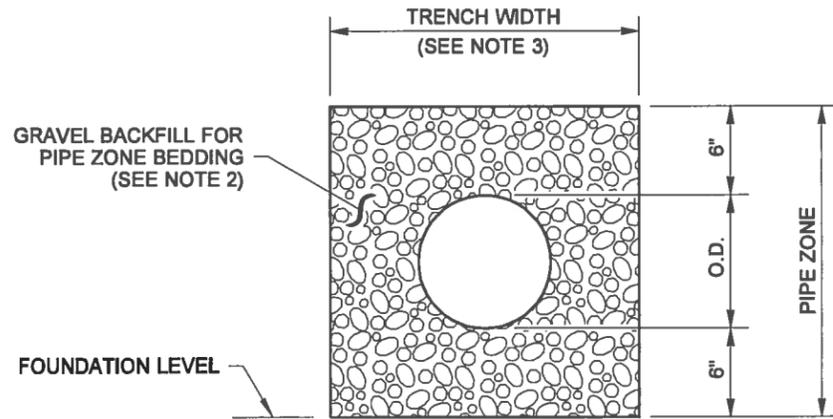
RURAL HIGHWAYS	55/70 MPH	800±
RURAL ROADS	60/65 MPH	500±
RURAL ROADS & URBAN ARTERIALS	45/55 MPH	350±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS, BUSINESS DISTRICTS	35/40 MPH	200± (2)
URBAN STREETS	25 MPH/ LESS	100±

(1) All Spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.

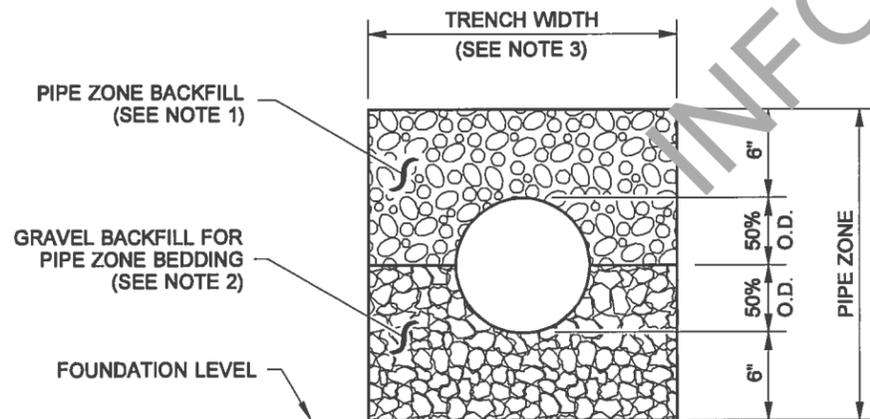
(2) This spacing may be reduced in urban areas to fit roadway conditions.



CONCRETE AND DUCTILE IRON PIPE



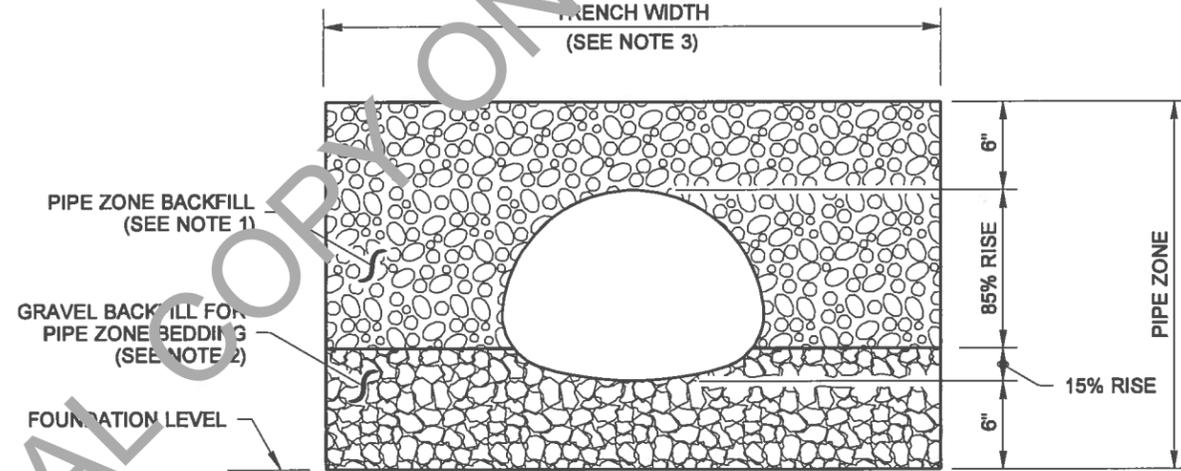
THERMOPLASTIC PIPE



METAL PIPE

NOTES

1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 9-03.12(3) for Gravel Backfill for Pipe Zone Bedding.
3. See Standard Specifications Section 2-09.4 for Measurement of Trench Width.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.



PIPE ARCHES

CLEARANCE BETWEEN PIPES FOR MULTIPLE INSTALLATIONS		
PIPE	SIZE	MINIMUM DISTANCE BETWEEN BARRELS
CIRCULAR PIPE (DIAMETER)	12" to 24"	12"
	30" to 96"	DIAM. /2
	102" to 180"	48"
PIPE ARCH (SPAN) METAL ONLY	18" to 36"	12"
	43" to 142"	SPAN /3
	148" to 200"	48"



EXPIRES JULY 1, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL IT IS SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION. IT IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

PIPE ZONE BEDDING AND BACKFILL
STANDARD PLAN B-55.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-01-06

STATE DESIGN ENGINEER

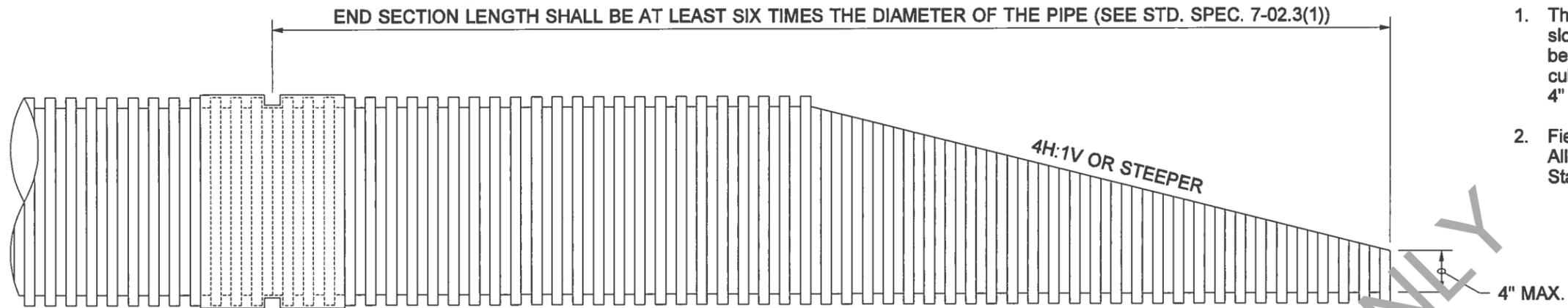
DATE



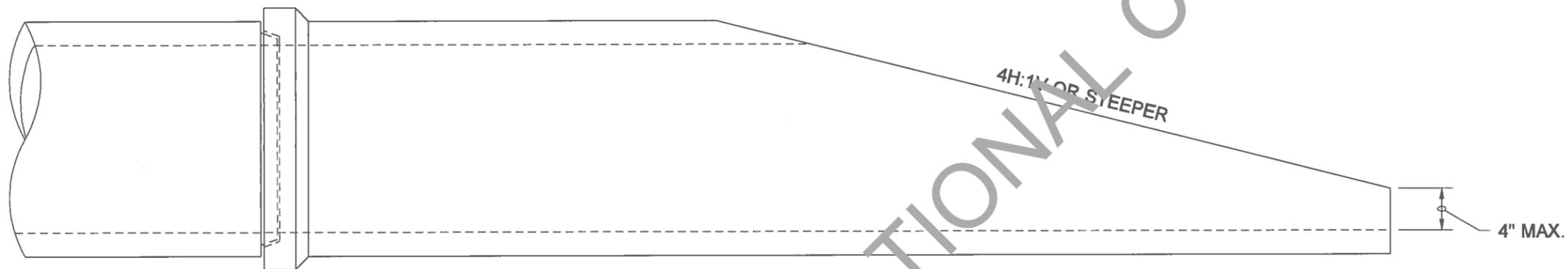
Washington State Department of Transportation

NOTES

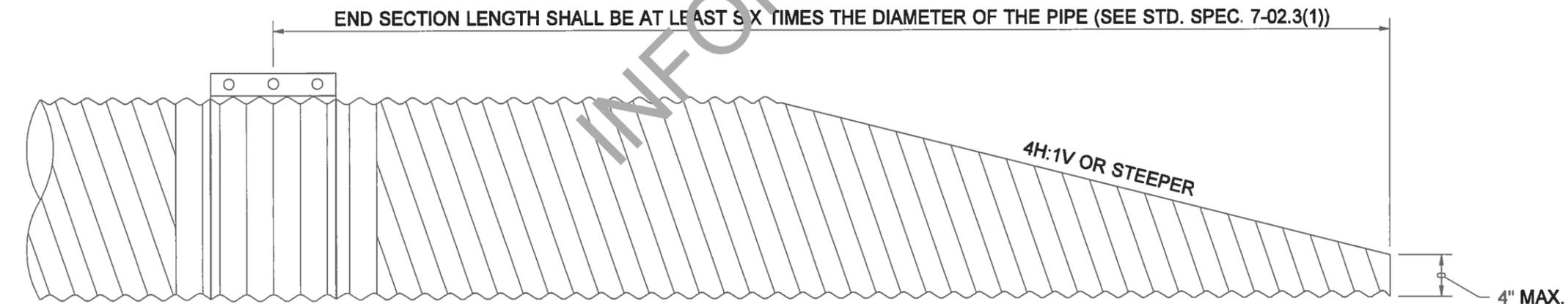
1. The culvert ends shall be beveled to match the embankment or ditch slope and shall not be beveled flatter than 4H:1V. When slopes are between 4H:1V and 6H:1V, shape the slope in the vicinity of the culvert end to ensure that no part of the culvert protrudes more than 4" above the ground line.
2. Field cutting of culvert ends is permitted when approved by the Engineer. All field-cut culvert pipe shall be treated with treatment as shown in the Standard Specifications or General Special Provisions.



THERMOPLASTIC PIPE



CONCRETE PIPE



METAL PIPE

FOR CULVERTS 30" DIAMETER OR LESS



EXPIRES JULY 1, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

BEVELED END SECTIONS

STANDARD PLAN B-70.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

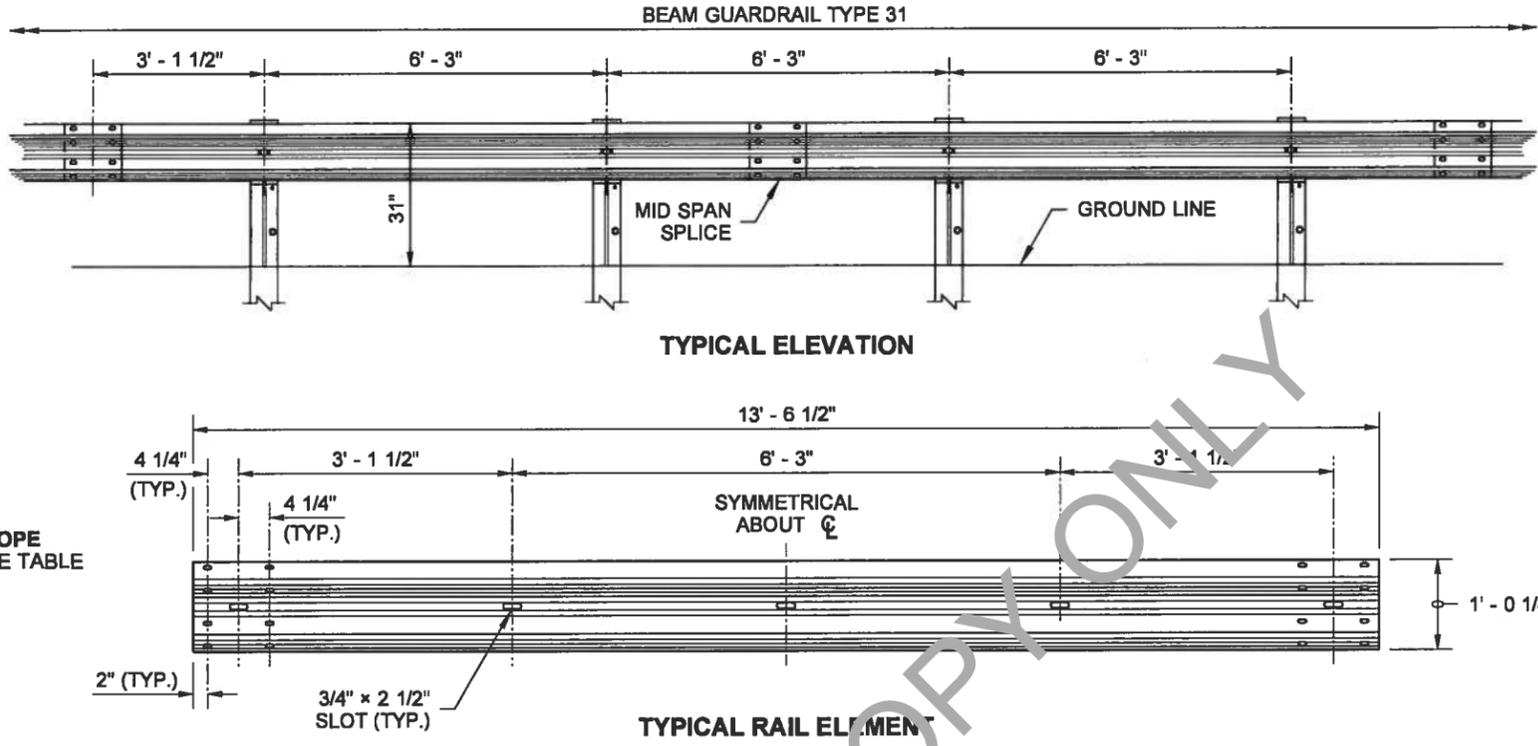
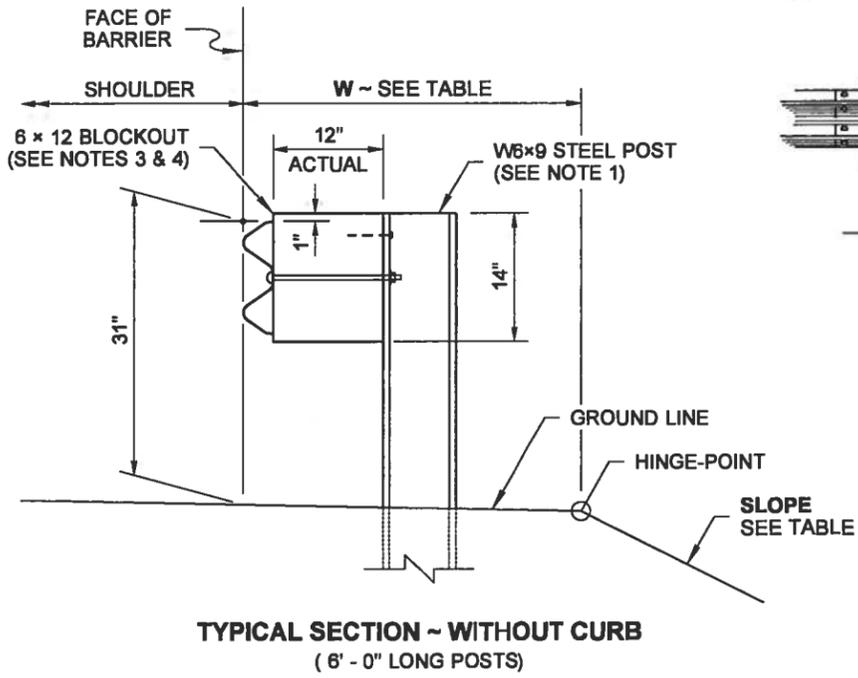
Harold J. Peterfeso 06-01-06

STATE DESIGN ENGINEER DATE



Washington State Department of Transportation

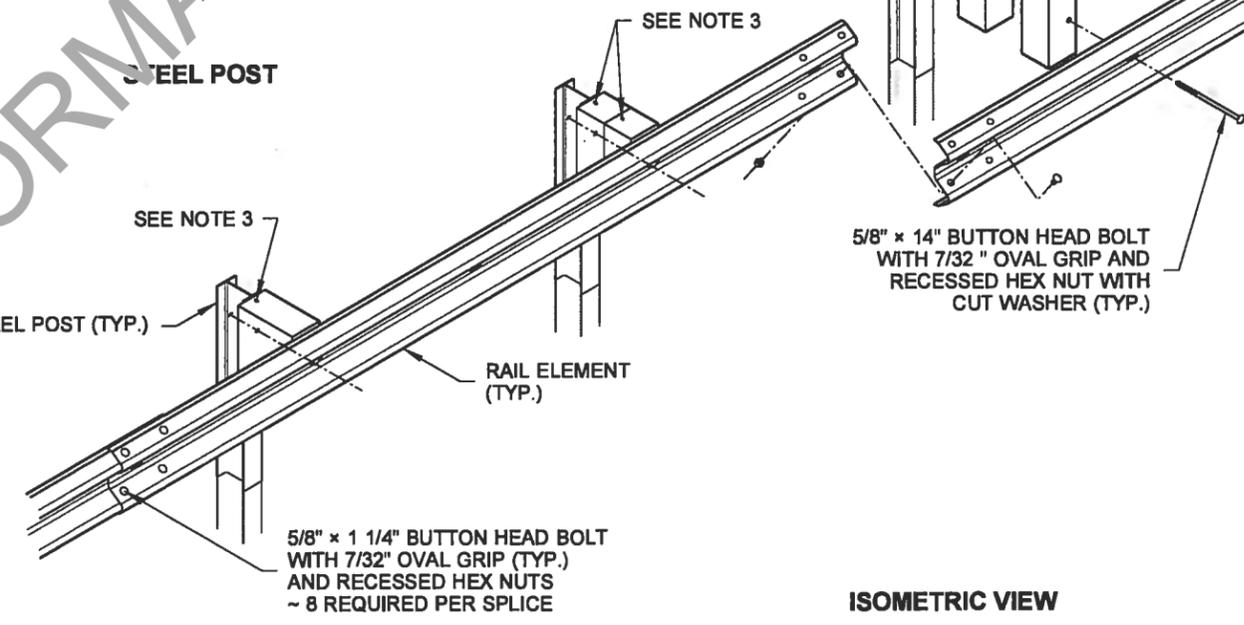
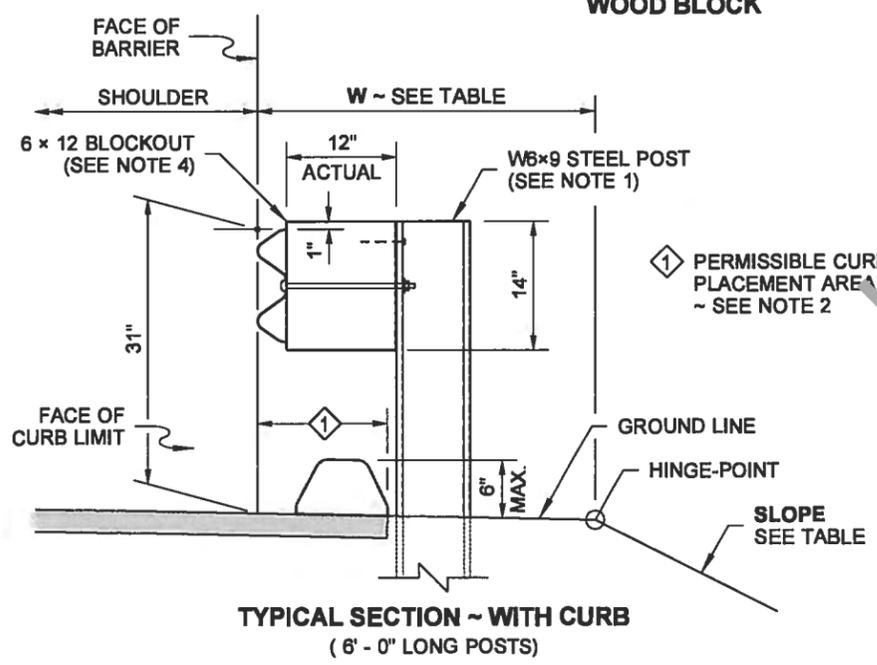
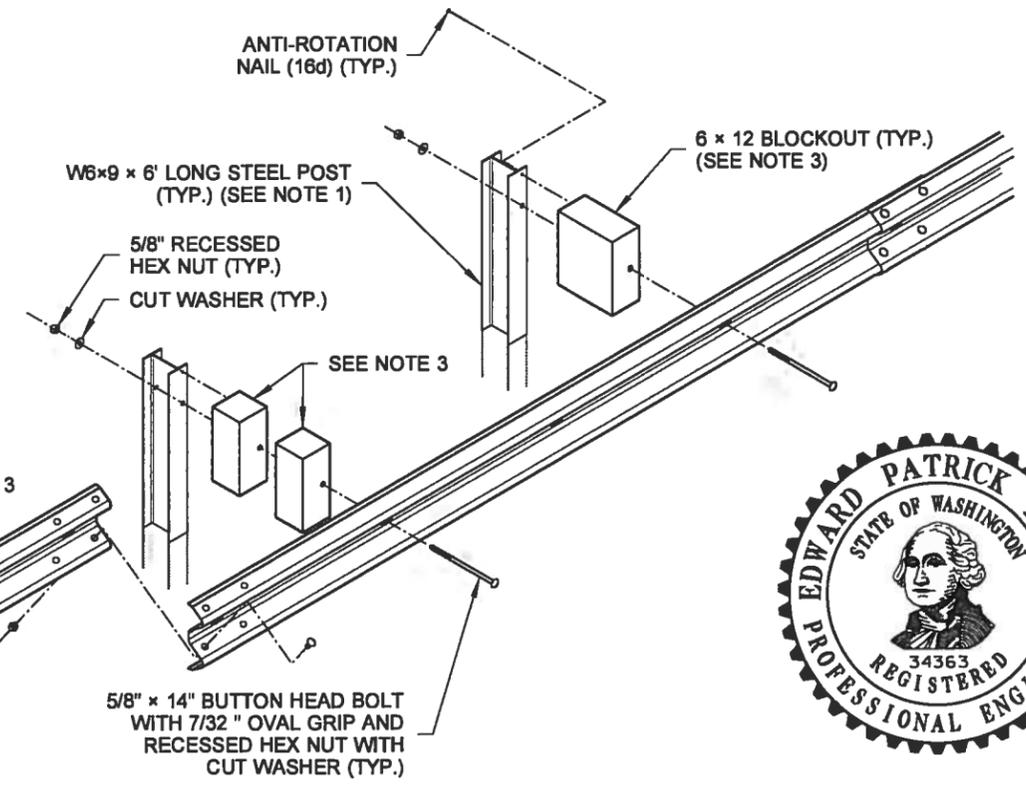
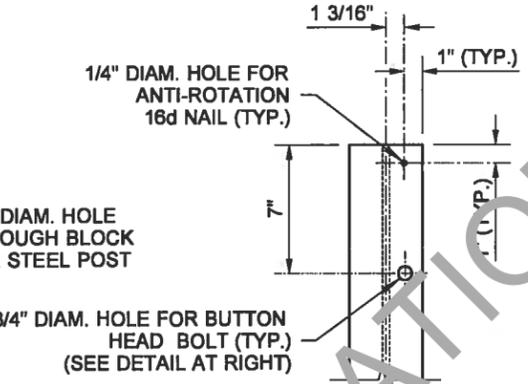
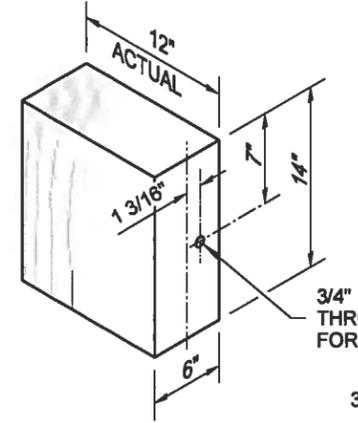
DRAWN BY: FERN LIDDELL



NOTES

1. Refer to **Standard Plan C-1** and **C-1b** for additional details not shown on this plan.
2. Extend shoulder pavement to provide a base for the extruded curb. See Contract Plans for exceptions to distances shown.
3. Use a single combination of blocks (no more than 2) to achieve the actual 12" offset. See **Standard Specification 9-16.3(2)**. Wood blocks shall be toenailed to post and blocks, (if block combinations are utilized) with a 16d galvanized nail to prevent block rotation.
4. Wood blocks are shown. Blocks of an approved alternative material may be used. See **Standard Specification 9-16.3(2)**.

SLOPE \ EMBANKMENT TABLE	
SLOPE	W
2H : 1V OR FLATTER	2.5' MIN.
STEEPER THAN 2H : 1V BUT NOT STEEPER THAN 1H : 1V	4.0' MIN.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

BEAM GUARDRAIL TYPE 31

STANDARD PLAN C-20.10-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

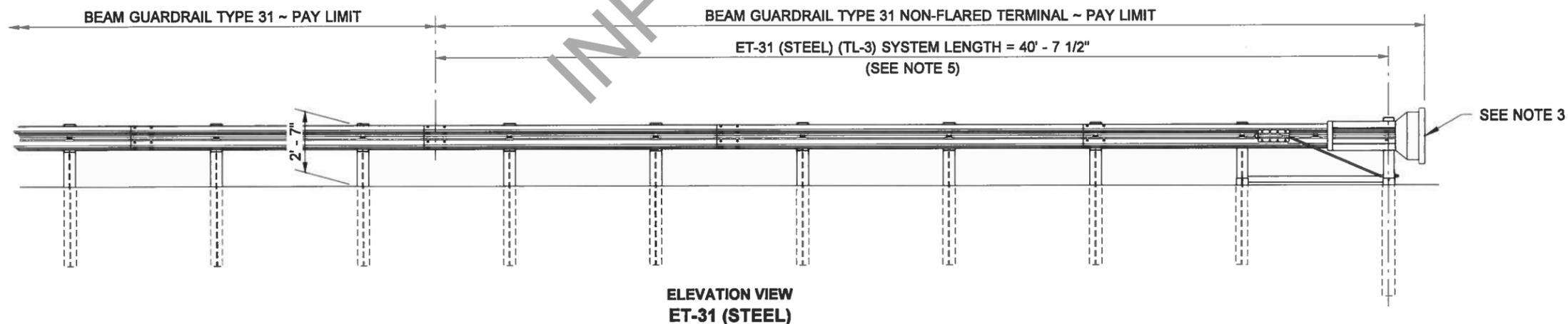
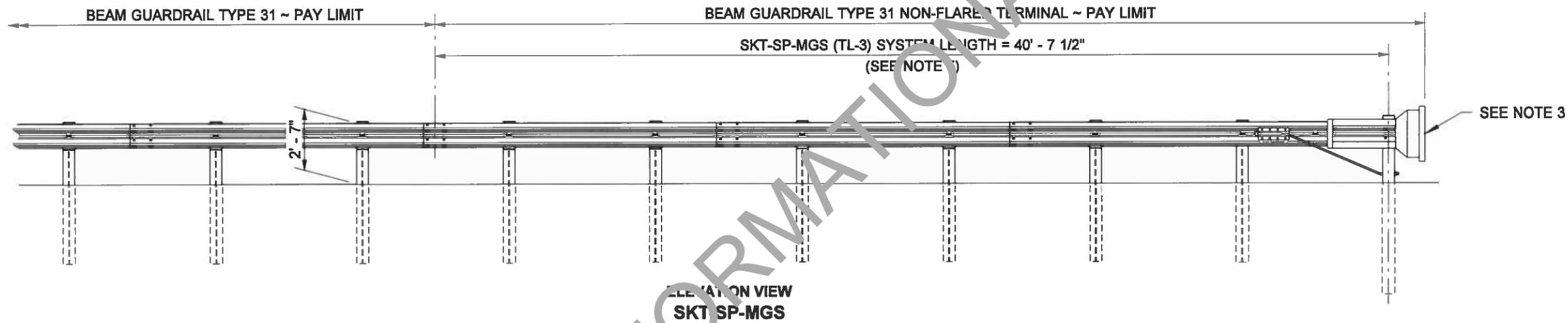
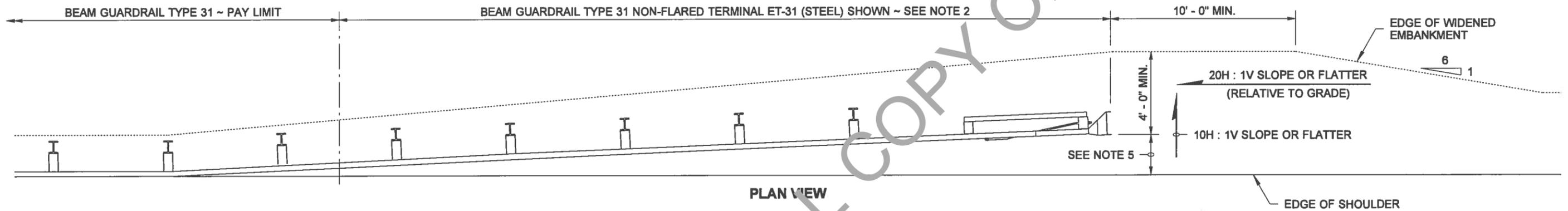
Pasco Bakotich III **07/2/12**

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

NOTES

1. These terminals are FHWA accepted at Test Level Three (TL-3) and may be used for all posted speeds.
2. An ET-31 (Steel) as manufactured by Trinity Industries, Inc. or an SKT-SP-MGS as manufactured by Road Systems Inc. shall be installed according to manufacturer's recommendations.
3. A reflectorized object marker shall be installed according to manufacturer's recommendations.
4. When snow load post washers and snow load rail washers are required by the contract, the snow load rail washers shall not be installed within the terminal limits.
5. Terminal shall be installed at a widening, ensuring that the end piece is entirely off the shoulder. While these terminals do not require an offset at the end, a flare is recommended. A maximum flare of 25 : 1, or flatter over the length of the terminal is allowed for either the ET-31 (Steel) or the SKT-SP-MGS, with a maximum offset of 24" (in.) over 50' (ft.).
6. For Terminal details, see WSDOT approved manufacturer's drawings.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL TYPE 31
NON-FLARED TERMINAL
STEEL POSTS
(ALL POSTED SPEEDS)
STANDARD PLAN C-22.40-02**

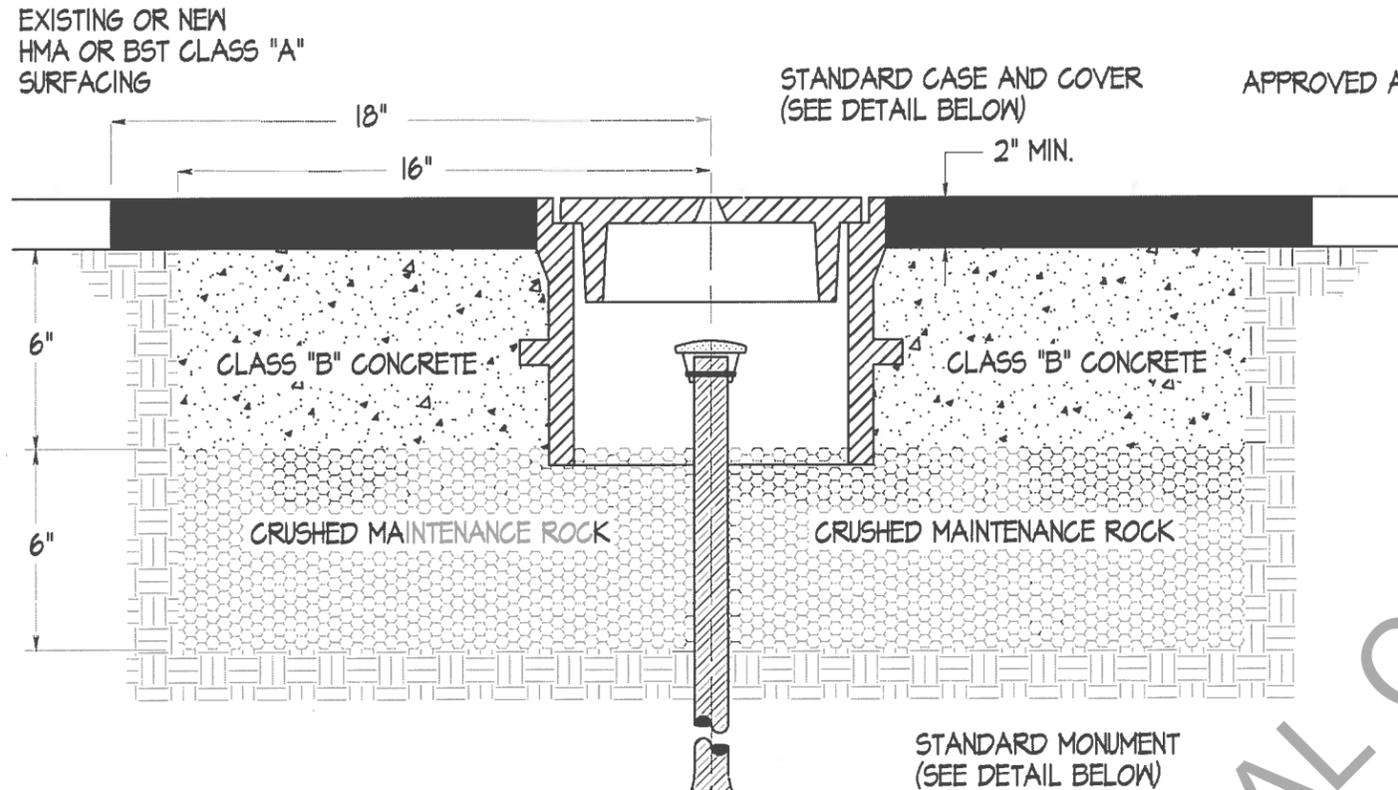
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

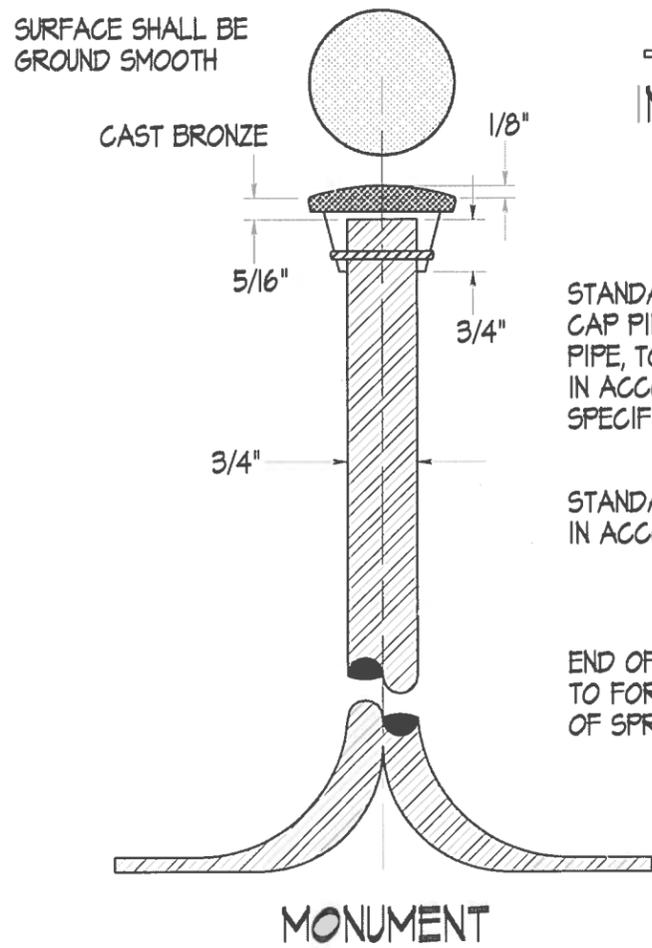
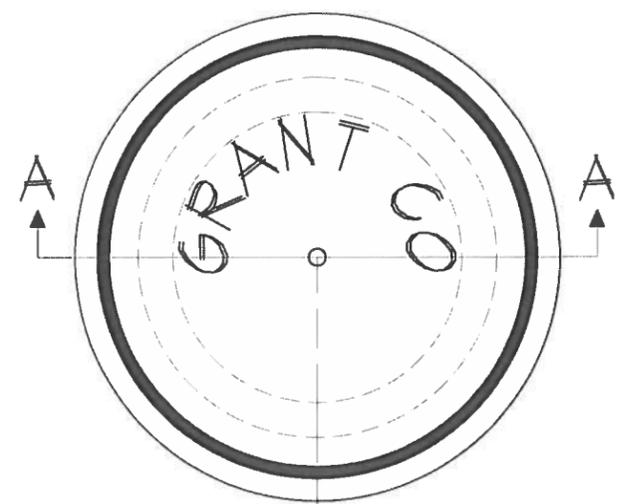
Pasco Bakotich III 06-16-10
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

TYPICAL MONUMENT, CASE AND COVER DETAILS AND INSTALLATION



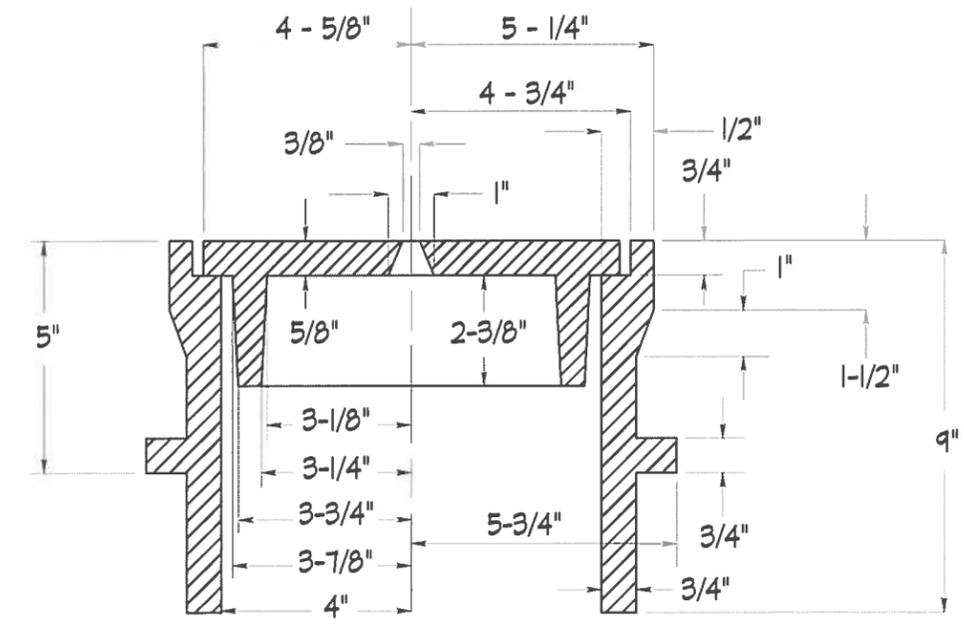
NOTES:
 COVER AND SEAT SHALL BE MACHINED SO AS TO HAVE PERFECT CONTACT AROUND THE ENTIRE CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.
 SPECIFICATIONS:
 MATERIAL - CAST IRON BODY AS PER ASTM. A48 CL. 40
 APPROX. WEIGHT - BODY - 60LBS. COVER 20 LBS.



STANDARD MONUMENT, CAST BRONZE CAP PIN MOUNTED TO 3/4" GALVANIZED PIPE, TO BE FURNISHED BY CONTRACTOR IN ACCORDANCE WITH DIMENSIONS AND SPECIFICATIONS SHOWN ON DRAWINGS.

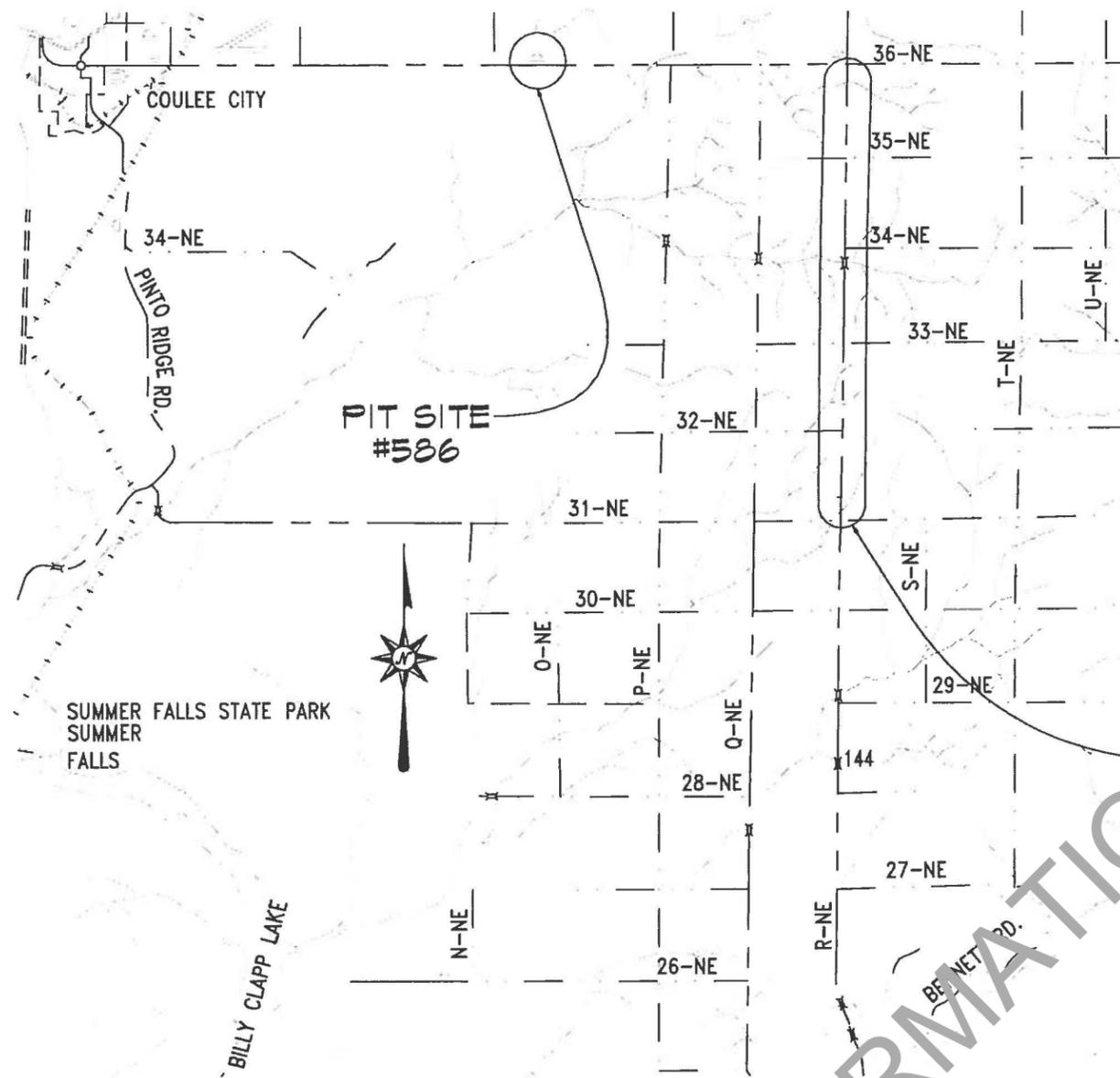
STANDARD ZINC COATED PIPE IN ACCORDANCE WITH ASTM A123

END OF PIPE SPLIT AND SPREAD TO FORM ANCHOR 8" END TO END OF SPREAD



SECTION A-A
 CASE AND COVER

R-NE ROAD RECONSTRUCTION



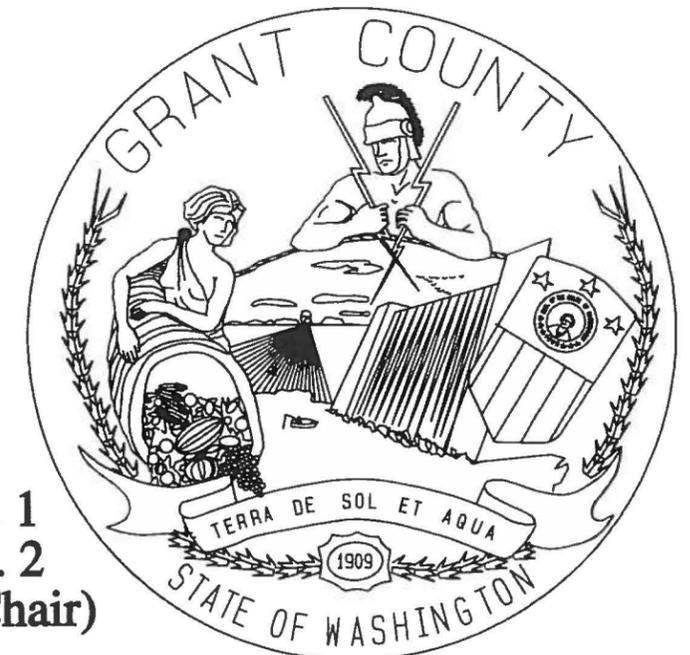
SHEET	DESCRIPTION
1	INDEX & VICINITY MAP
2	SUMMARY OF QUANTITIES
3, 4	STRUCTURE NOTES
5-21	PLAN AND PROFILE ROAD R-NE
22	TYPICAL X-SECTIONS
23	PIPE DETAILS

LEGEND

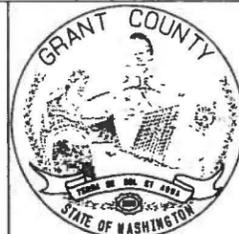
TELEPHONE PED.	CONTROL POINT
FENCE LINE	POWER POLE
CULVERT	MAIN DITCH
SECTION CORNER	1/4 SECTION CORNER
TELEPHONE LINE	

**Grant County
Board Of Commissioners**

**Richard Stevens, District No. 1
Carolann Swartz, District No. 2
Cindy Carter, District No. 3 (Chair)**



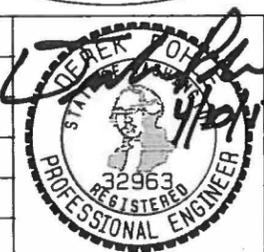
GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION

CRP 12-07

DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK FOHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



SHEET 1
OF 23

SUMMARY OF QUANTITIES

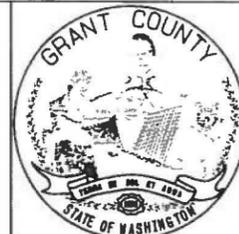
R-NE
CRP 12-07
STA. 430+25
To STA.
699+30

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM DESCRIPTION
1	100%	L.S.	Mobilization
2	100%	L.S.	Notification
3	100%	L.S.	Clearing and Grubbing
4	100%	L.S.	Removal of Existing Bridge #129
GRADING			
5	62,000	S.Y.	Rotomilling Bituminous Pavement
6	26,215	C.Y.	Roadway Excavation Including Haul
7	17,899	C.Y.	Embankment Compaction
DRAINAGE			
8	360	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 12" Diameter
9	155	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 18" Diameter
10	375	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 36" Diameter
11	80	L.F.	Plain Steel Culvert Pipe 0.064" Th. - 60" Diameter
12	234	L.F.	Plain Steel Culvert Pipe 0.109" Th., 5x1 Corr., 73" x 55"
13	6	C.Y.	Commercial Concrete for Headwall, Including Steel Reinforcing Bar for Headwall
SURFACING			
14	32,700	TONS	Crushed Surfacing Base Course from Stockpile #586
15	20,700	TONS	Maintenance Rock from Stockpile #586
TRAFFIC			
16	479	L.F.	Beam Guardrail Type 31
17	6	EACH	Beam Guardrail Type 31 - Non-Flared Terminal
18	13,729	L.F.	Painted Skip Centerline
19	8,300	L.F.	Painted Skip Centerline with No Pass
20	4,570	L.F.	Painted Double Yellow Centerline
21	53,198	L.F.	Painted Edge Line - White
22	100%	L.S.	Permanent Signing
OTHER ITEMS			
23	265	C.Y.	Structure Excavation Class B Incl. Haul
24	240	C.Y.	Gravel Backfill for Pipe Zone Bedding
25	70	C.Y.	Controlled Density Fill
26	2	EACH	Monuments
27	100%	L.S.	Trimming and Cleanup
28	10.0	Acres	Seeding, Fertilizing, and Mulching With Arid Area Mix A or B
29	Calculated	CALC.	Minor Changes

INFORMATIONAL COPY ONLY

GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION

CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 2

OF 23

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.

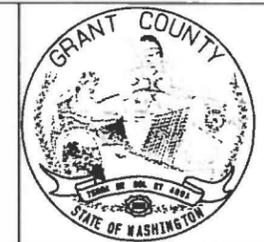
CODE	LOCATION	R/L	MISC.	L.F.	L.F.	L.F.	L.F.	C.Y.	C.Y.	TONS	TONS	C.Y.	C.Y.	L.F.	EACH	EACH	REMARKS
5-1	STA. 435+60	R/L	CROSS			60		25	25								1,2,3
6-1	STA. 455+90 TO 456+30	R	F							10							6
6-2	STA. 455+90 TO 456+30	L	F							10							6
6-3	STA. 455+92.57	CL	MON													1	4
8-1	STA. 480+10 TO 480+50	R	F							10							6
8-2	STA. 480+10 TO 480+50	L	F							10							6
8-3	STA. 482+40 TO 482+68	R	ROAD							50	75						6
8-4	STA. 482+40 TO 482+68	L	ROAD							50	75						6
8-5	STA. 482+54.15	CL	MON													1	4
8-6	STA. 485+00 TO 4485+40	R	F							10							6
8-7	STA. 486+40 TO 486+80	R	F							10							6
8-8	STA. 486+40 TO 486+80	L	F							10							6
9-1	STA. 498+00 TO 500+25	R	RAIL											143	2		7
9-2	STA. 498+00 TO 500+25	L	RAIL											143	2		7
9-3	STA. 499+00	R/L	CROSS			65		25	35								1,2,3
10-1	STA. 515+80 TO 516+50	R/L	CROSS			110		30	35								1,2,3
10-2	STA. 515+50 TO 518+25	R	RAIL											193	2		7
11-1	STA. 535+25 TO 535+53	R	ROAD		45					50	75						6
11-2	STA. 535+25 TO 535+53	L	ROAD		45					50	75						6
13-1	STA. 562+20 TO 562+60	R	F	60						10							6
13-2	STA. 562+20 TO 562+60	L	F	60						10							6
14-1	STA. 578+60	R/L	CROSS				234	20				70	5				1,8,9,10,11
14-2	STA. 584+50 TO 584+70	R	F							5							6
14-3	STA. 585+50 TO 585+90	R	F							10							6
15-1	STA. 588+30 TO 588+58	R	ROAD							50	75						6
15-2	STA. 588+30 TO 588+58	L	ROAD							50	75						6
16-1	STA. 614+60 TO 615+00	R	F	60						10							6
16-2	STA. 614+60 TO 615+00	L	F	60						10							6
17-1	STA. 627+00 TO 627+40	R	F							10							6
17-2	STA. 614+60 TO 615+00	L	F							10							6
17-3	STA. 634+40	R/L	CROSS		65			25	35								1,2,3
Page Total				180	155	235	234	165	130	435	450	70	5	479	6	2	

GENERAL NOTES

- Miscellaneous
- BD = Bottom of Ditch
 - CROSS = Crossing Pipe
 - F = Farm Approach
 - PLAN = Elevation on Plans
 - MON = Monument
 - RAIL = Beam Guardrail
1. Field adjust termini as directed by the engineer.
 2. Install 3:1 beveled end sections per standard plans.
 3. Remove existing culvert and salvage to the contractor.
 4. Remove existing monument and case, only if necessary, and salvage to contractor.
 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.
 7. Install ET-PLUS 31 (TL3) Terminal on each end of rail per standard plans.
 8. Field bevel ends to match slope per sheet #22.
 9. Remove existing bridge and salvage per contract special provisions.
 10. Install 3 pipes side by side.
 11. Place CDF as gravel Backfill for Pipe Zone Bedding as shown on WSDOT Standard Plan B-55.20-00

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



R-NE ROAD RECONSTRUCTION

CRP 12-07

DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



SHEET 3
OF 23

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.	L.F.	L.F.	L.F.	C.Y.	C.Y.	TONS	TONS	C.Y.	C.Y.	EACH	REMARKS
18-1	STA. 641+05 TO 641+45	R	F						10					6
18-2	STA. 641+05 TO 641+45	L	F						10					6
18-3	STA. 651+70 TO 652+10	R	F	60					10					6
18-4	STA. 651+70 TO 652+10	L	F						10					6
19-1	STA. 667+70 TO 668+10	R	F	60					10					6
19-1	STA. 667+70 TO 668+10	L	F	60					10					6
20-1	STA. 669+90	R/L	CROSS		70		25	35						123
20-2	STA. 679+60	R/L	CROSS		70		25	35						123
20-3	STA. 682+50 TO 682+90	R	F						10					6
20-4	STA. 682+50 TO 682+90	L	F						10					6
21-1	STA. 687+10	R/L	CROSS			80	50	35						1378
21-2	STA. 693+00 TO 693+40	L	F						10					6
21-3	STA. 698+40 TO 698+68	R	ROAD						50	75				6
21-4	STA. 482+40 TO 482+68	L	ROAD						50	75				6

GENERAL NOTES

Miscellaneous

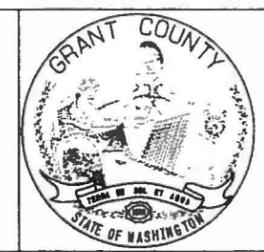
BD = Bottom of Ditch
 CROSS = Crossing Pipe
 F = Farm
 PLAN = Elevation on Plans
 MON = Monument

- Field adjust termini as directed by the engineer.
- Install 3:1 beveled end sections per standard plans.
- Remove existing culvert and salvage to the contractor.
- Remove existing monument and case, only if necessary and salvage to contractor.
- Install monument and monument case per standard plans.
- Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.
- Place a concrete headwall per WSDOT standard plan B-75.20-01 on inlet end.
- Field bevel ends to match slope.

NOTE:
 For Special Features
 See Special Provisions.

Page Total 180 140 80 100 105 190 150 0 1 0 0 0 0 0

GRANT COUNTY PUBLIC WORKS DEPARTMENT
 124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION

CRP 12-07

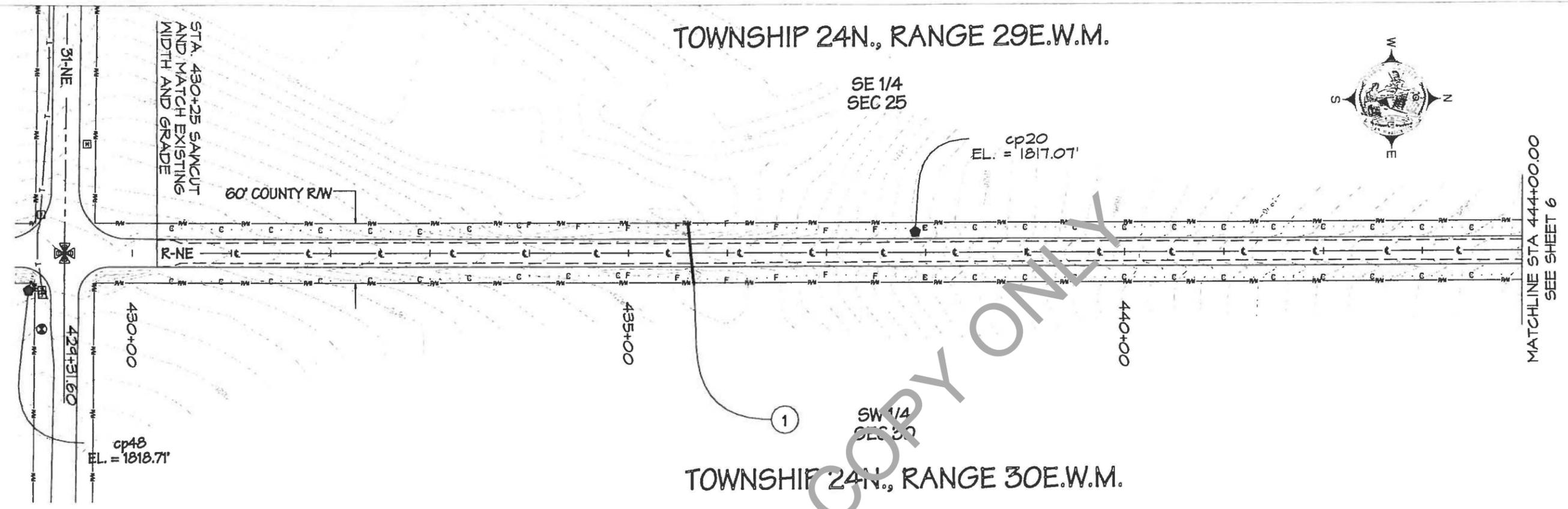
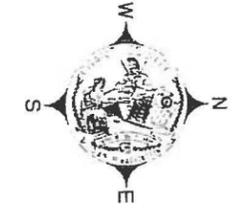
DESIGNED BY: BOB BERSANTI
 DRAWN BY: BOB BERSANTI
 CHECKED BY: DEREK POHLE
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:



SHEET 4
 OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

SE 1/4
SEC 25

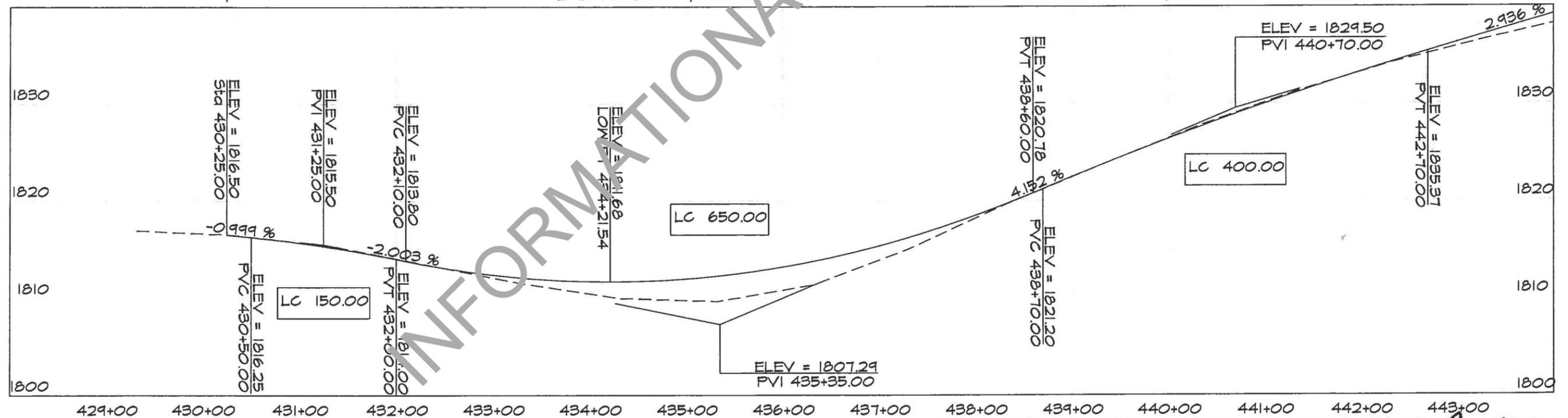


MATCHLINE STA 444+00.00
SEE SHEET 6

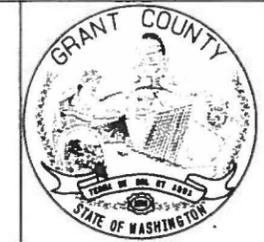
TOWNSHIP 24N., RANGE 30E.W.M.

SW 1/4
SEC 30

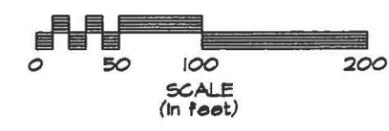
ROADWAY EXCAVATION = 851 C.Y.
EMBANKMENT = 1,035 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



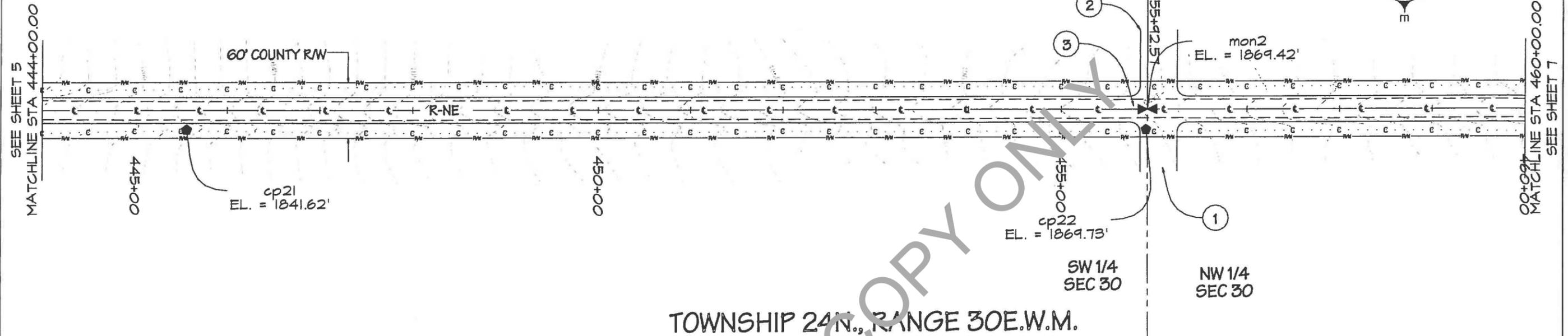
CRP 12-07

DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



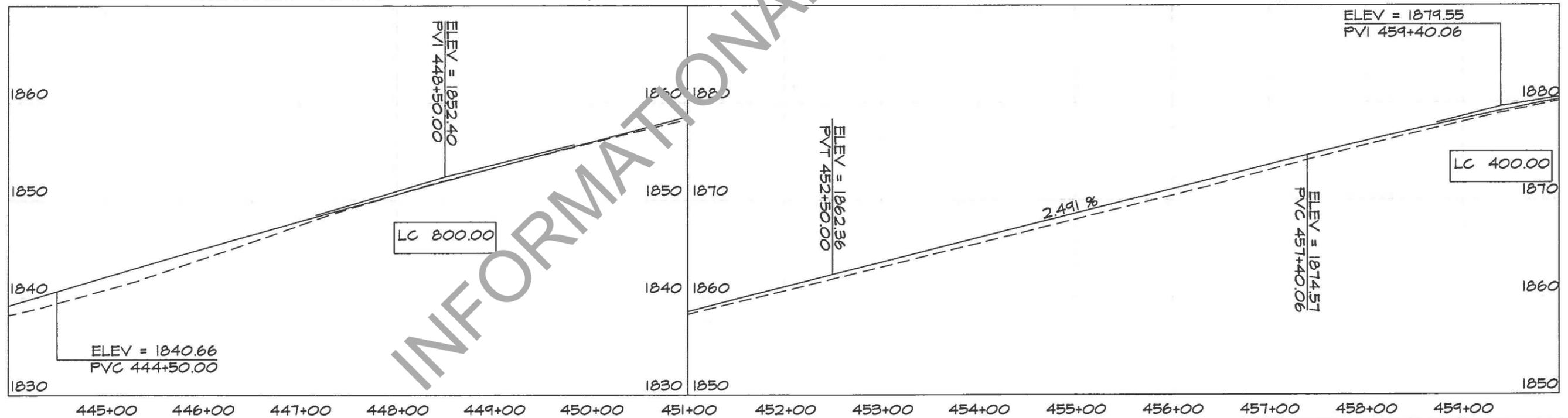
SHEET 5
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

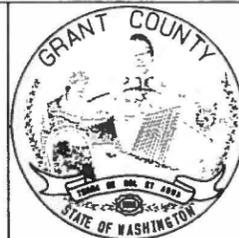


ROADWAY EXCAVATION = 1,058 C.Y.
EMBANKMENT = 195 C.Y.

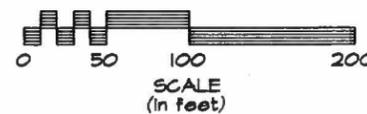
ROADWAY EXCAVATION = 789 C.Y.
EMBANKMENT = 27 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:

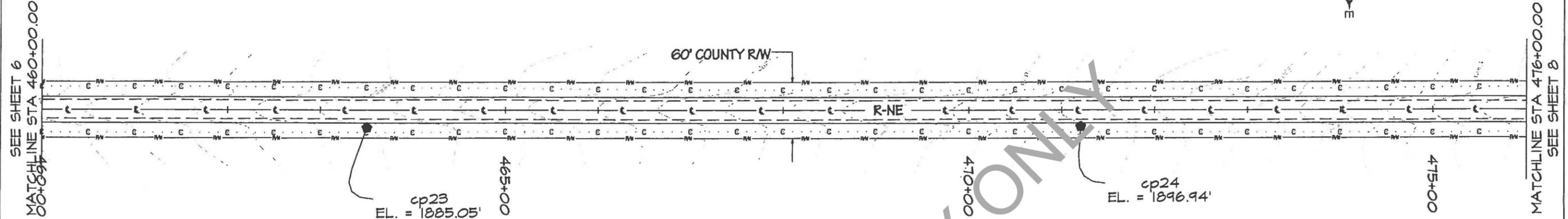
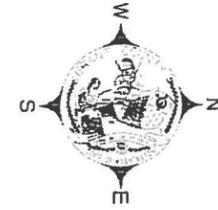


SHEET 6

OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

NE 1/4
SEC 25

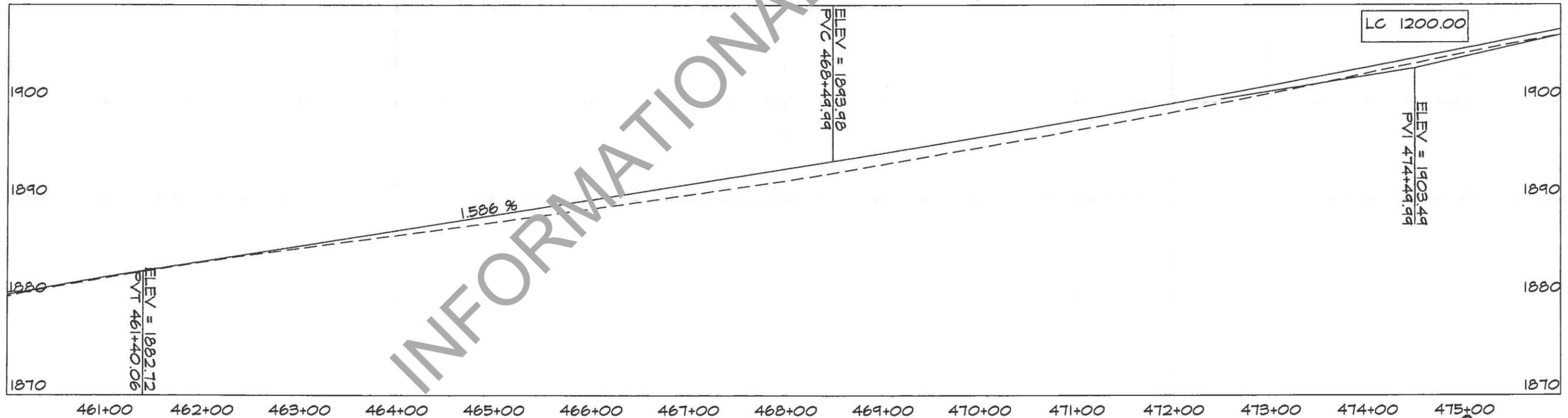


TOWNSHIP 24N., RANGE 30E.W.M.

NW 1/4
SEC 30

ROADWAY EXCAVATION = 576 C.Y.
EMBANKMENT = 266 C.Y.

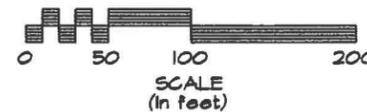
ROADWAY EXCAVATION = 626 C.Y.
EMBANKMENT = 135 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087

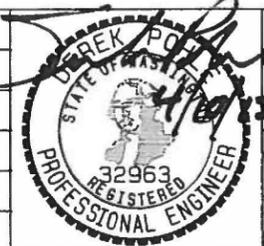


R-NE ROAD RECONSTRUCTION



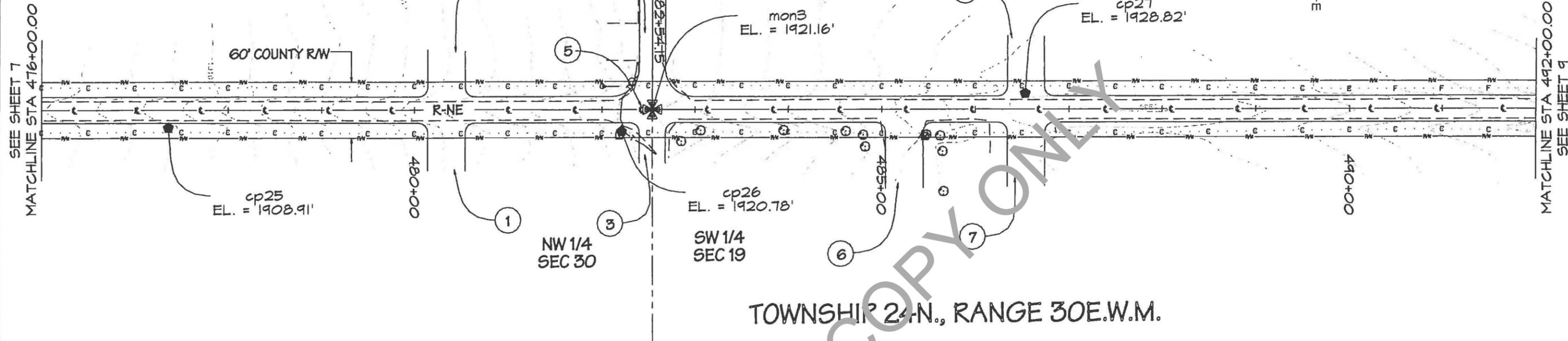
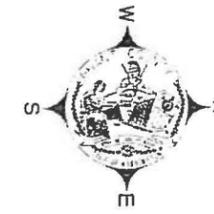
CRP 12-07

DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



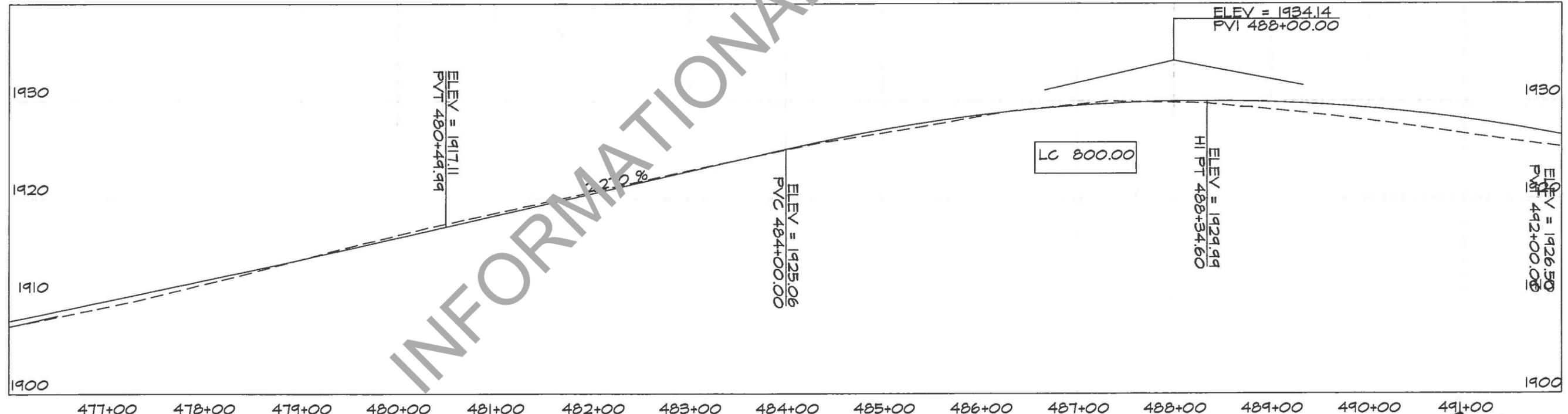
SHEET 7
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

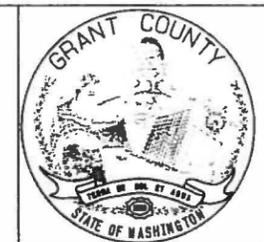


TOWNSHIP 24N., RANGE 30E.W.M.

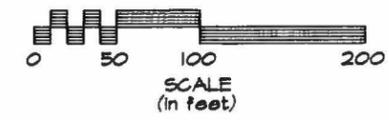
ROADWAY EXCAVATION = 1561 C.Y.
EMBANKMENT = 56 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087

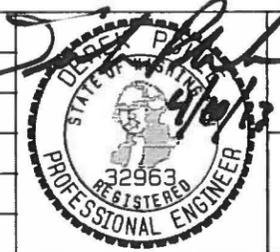


R-NE ROAD RECONSTRUCTION



CRP 12-07

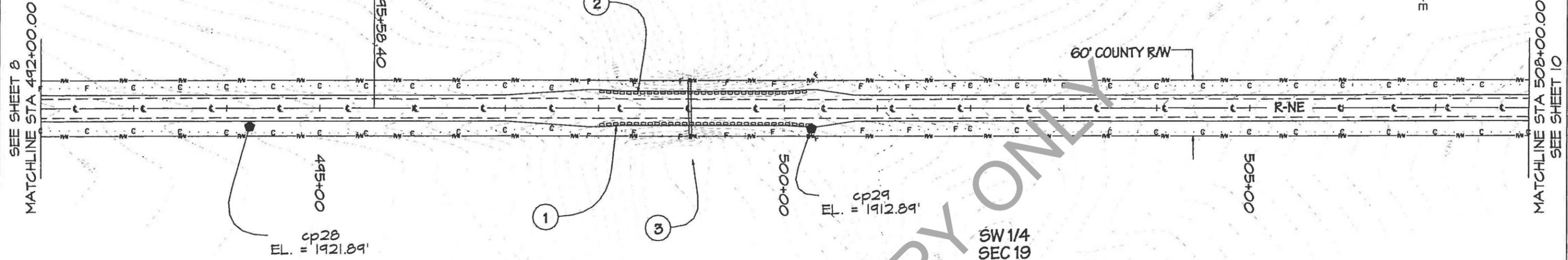
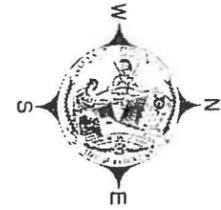
DESIGNED BY:	BOB BERSANTI
DRAWN BY:	BOB BERSANTI
CHECKED BY:	DEREK POHLE
REVISIONS BY:	
DATE REVISED:	
FEDERAL AID NO.:	



SHEET 8
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

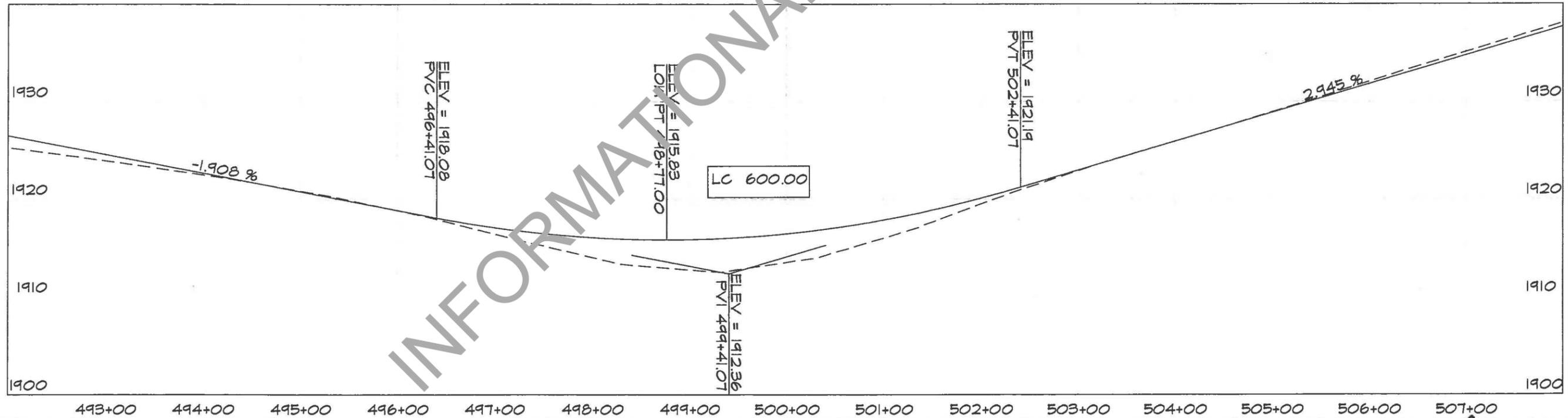
SE 1/4
SEC 24



TOWNSHIP 24N., RANGE 30E.W.M.

ROADWAY EXCAVATION = 598 C.Y.
EMBANKMENT = 1,355 C.Y.

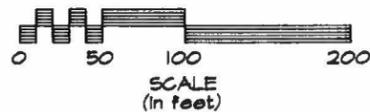
ROADWAY EXCAVATION = 1,481 C.Y.
EMBANKMENT = 474 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



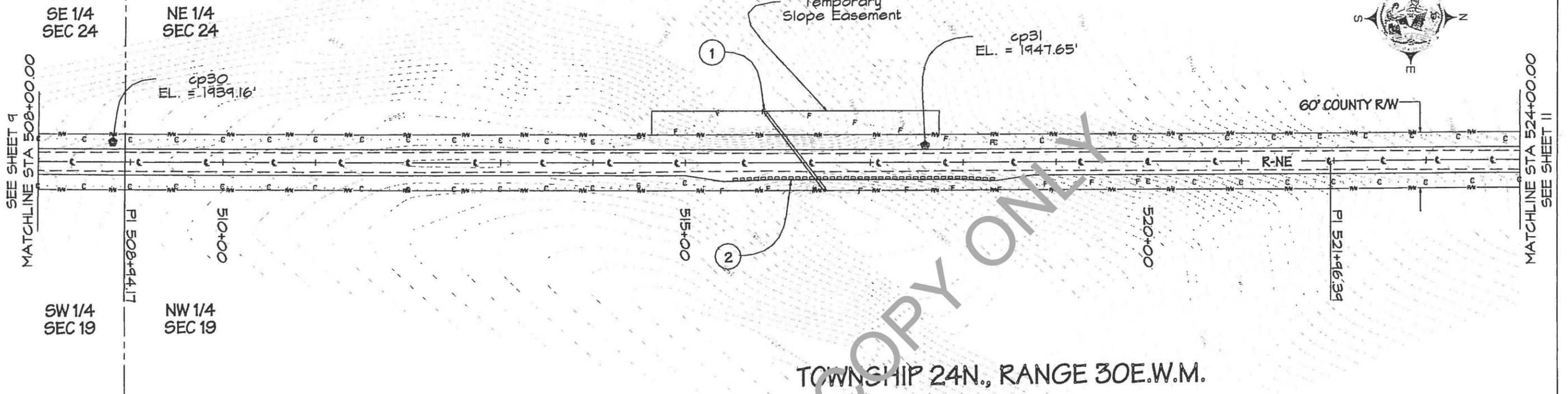
CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



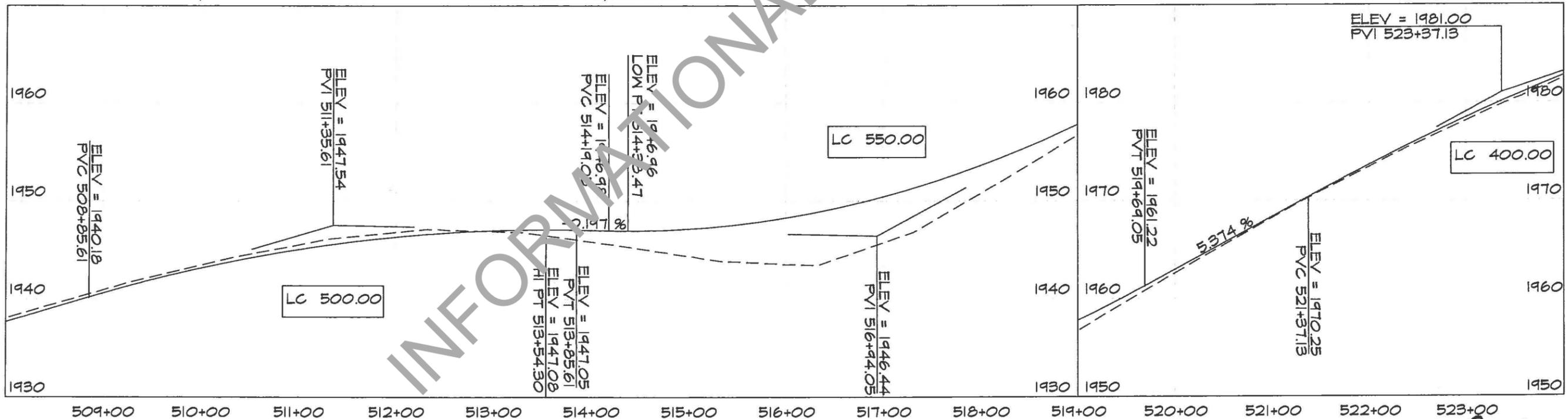
SHEET 9
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.



TOWNSHIP 24N., RANGE 30E.W.M.

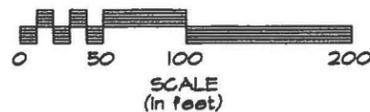
ROADWAY EXCAVATION = 952 C.Y.
EMBANKMENT = 3,505 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



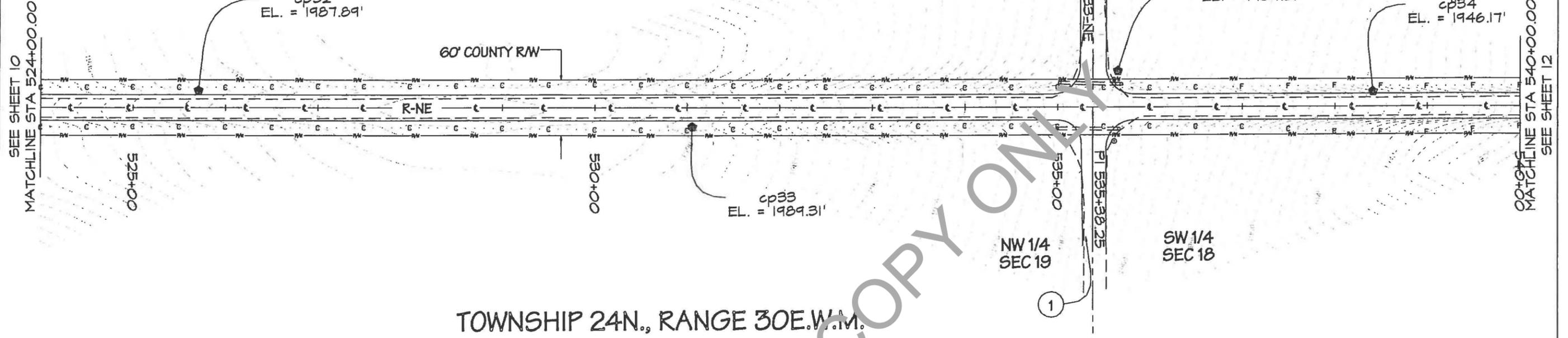
CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 10
OF 23

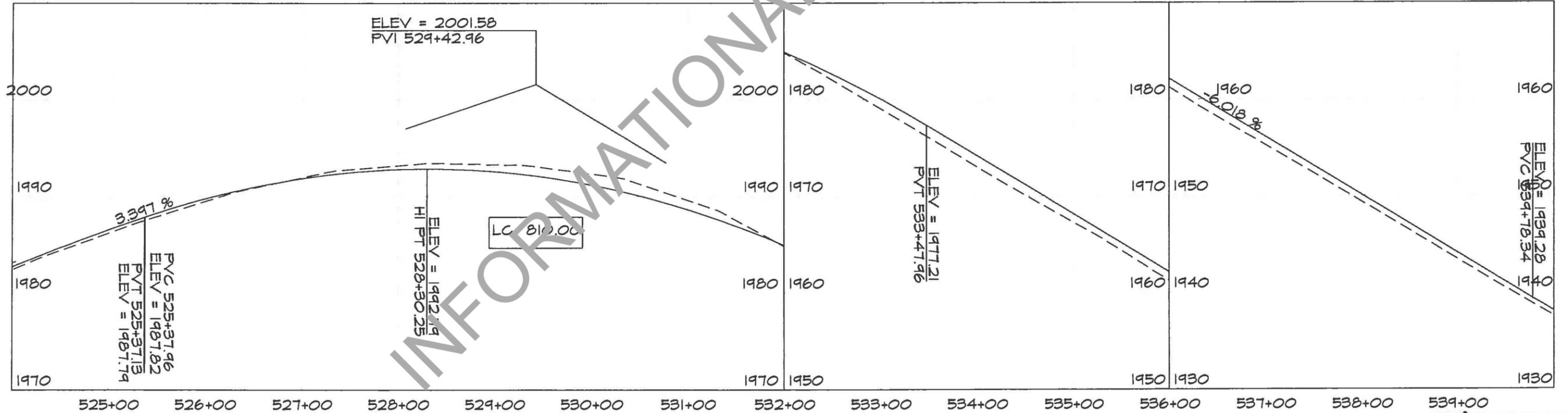
TOWNSHIP 24N., RANGE 29E.W.M.



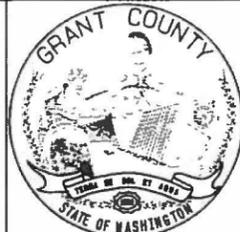
TOWNSHIP 24N., RANGE 30E.W.M.

ROADWAY EXCAVATION = 1558 C.Y.
EMBANKMENT = 1 C.Y.

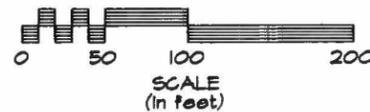
ROADWAY EXCAVATION = 808 C.Y.
EMBANKMENT = 288 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087

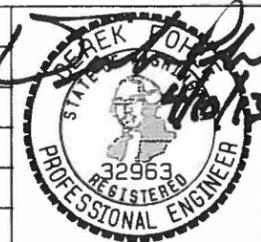


R-NE ROAD RECONSTRUCTION



CRP 12-07

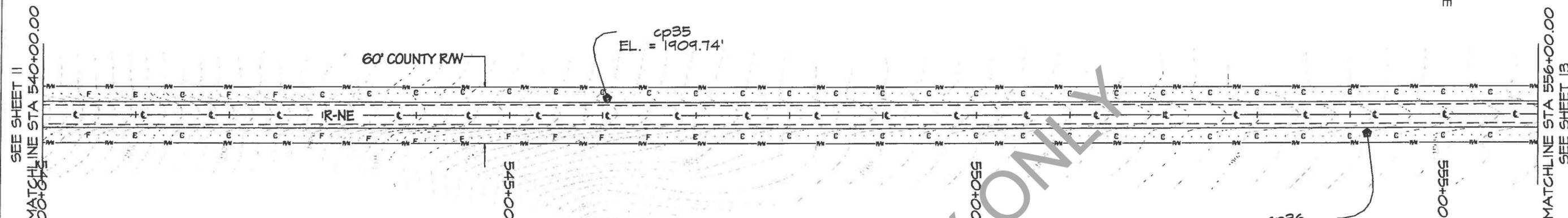
DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 11
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

SE 1/4
SEC 13

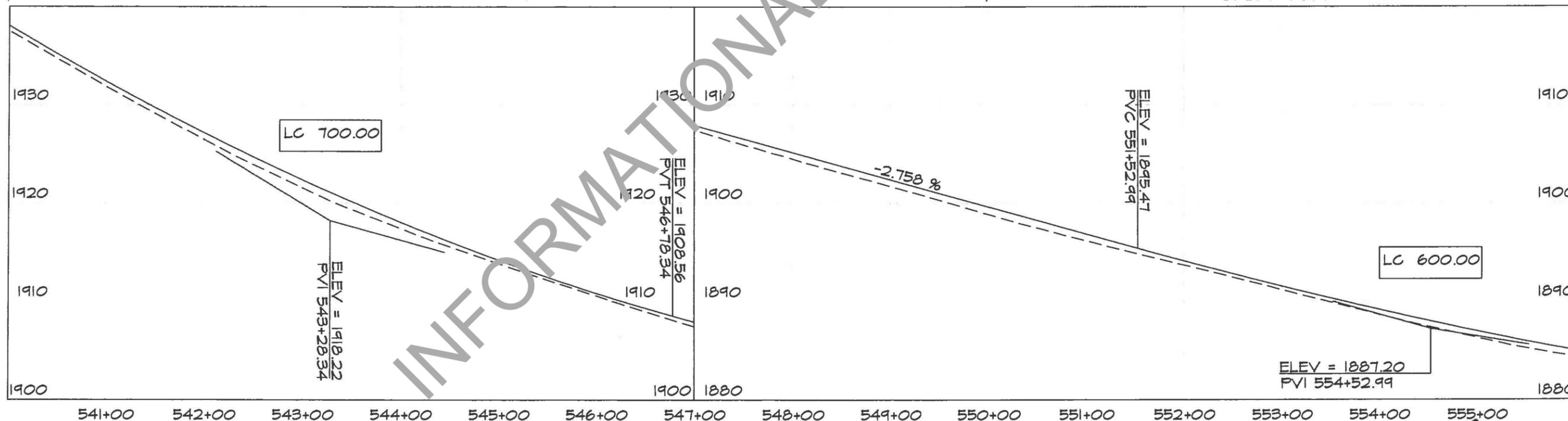


SW 1/4
SEC 18

TOWNSHIP 24N., RANGE 30E.W.M.

ROADWAY EXCAVATION = 347 C.Y.
EMBANKMENT = 295 C.Y.

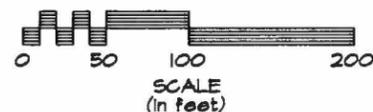
ROADWAY EXCAVATION = 470 C.Y.
EMBANKMENT = 67 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087

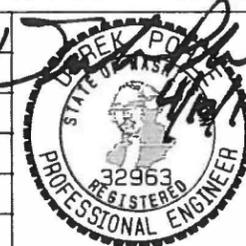


R-NE ROAD RECONSTRUCTION



CRP 12-07

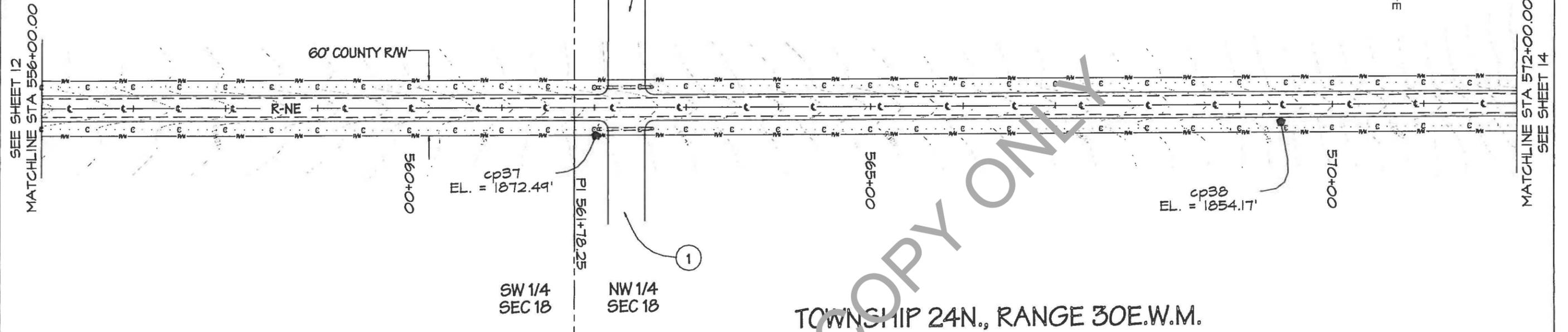
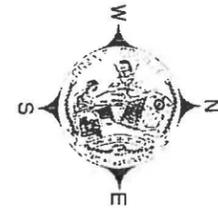
DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



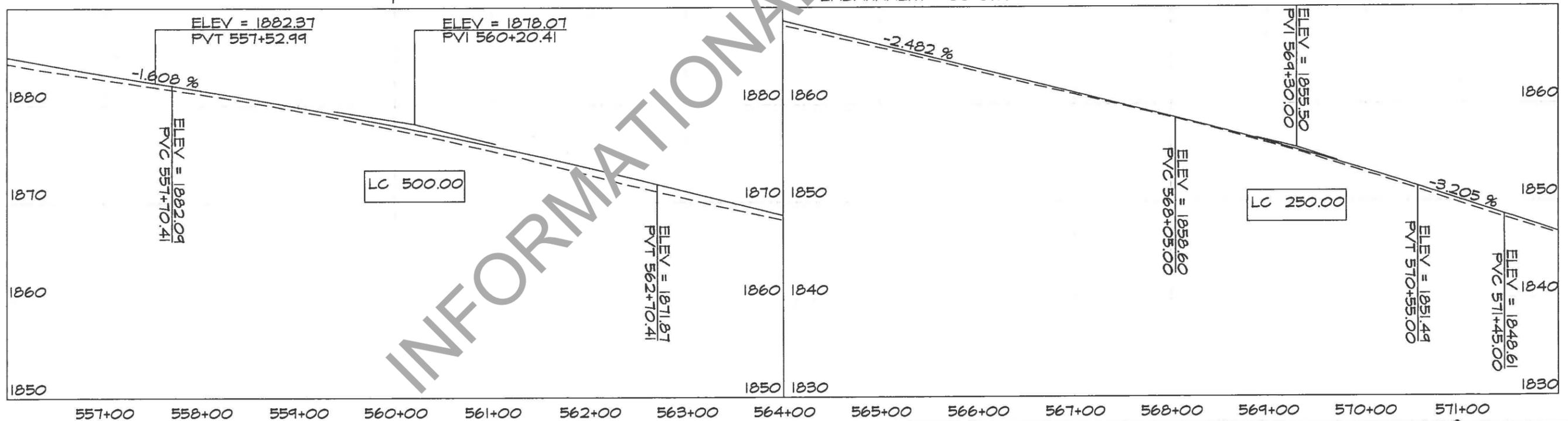
SHEET 12

OF 23

TOWNSHIP 24N., RANGE 29E.W.M.



ROADWAY EXCAVATION = 837 C.Y.
EMBANKMENT = 30 C.Y.

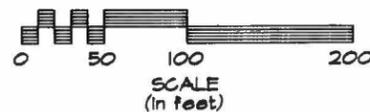


GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:

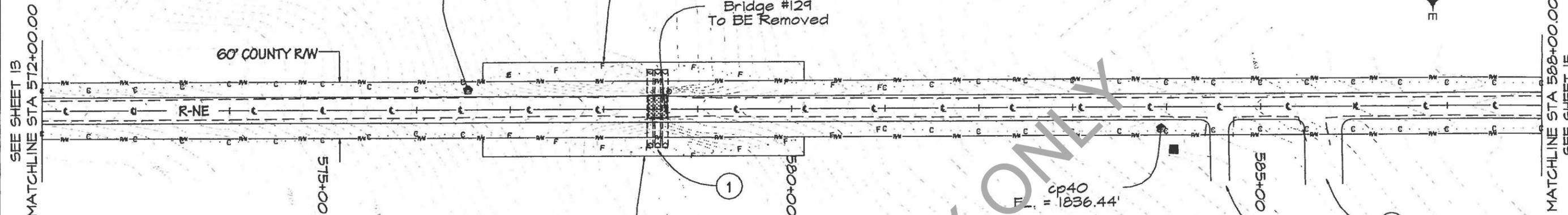


SHEET 13

OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

NE 1/4
SEC 13

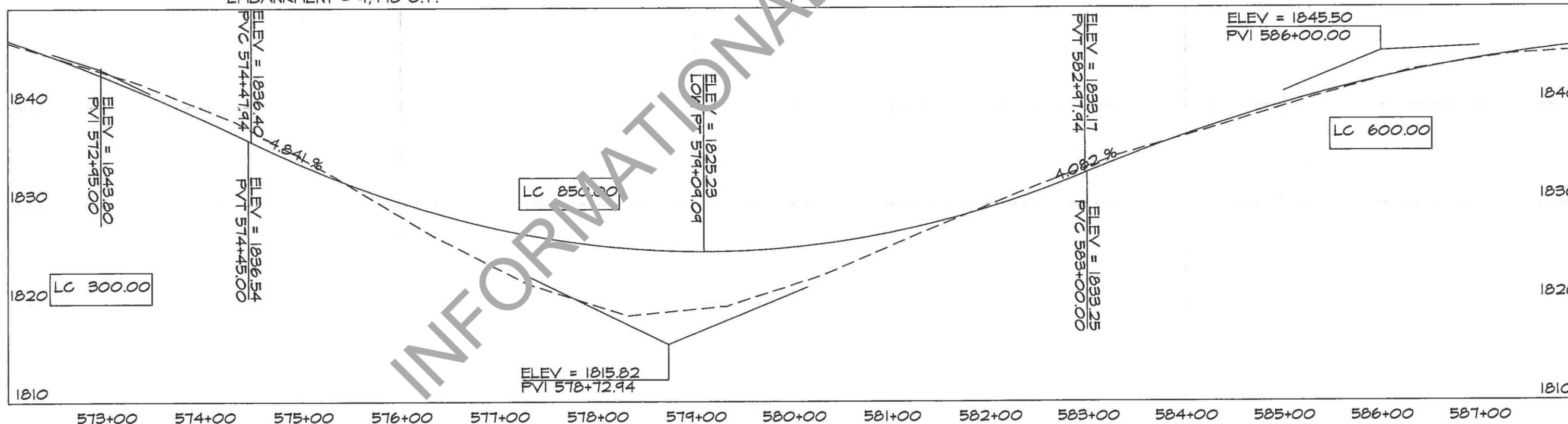


TOWNSHIP 24N., RANGE 30E.W.M.

NW 1/4
SEC 18

ROADWAY EXCAVATION = 1,510 C.Y.
EMBANKMENT = 4,478 C.Y.

ROADWAY EXCAVATION = 1,431 C.Y.
EMBANKMENT = 408 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



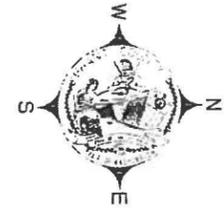
CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 14
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.



SEE SHEET 14
MATCHLINE STA 588+00.00

MATCHLINE STA 604+00.00
SEE SHEET 16

SE 1/4
SEC 12

SW 1/4
SEC 7

60' COUNTY R/W

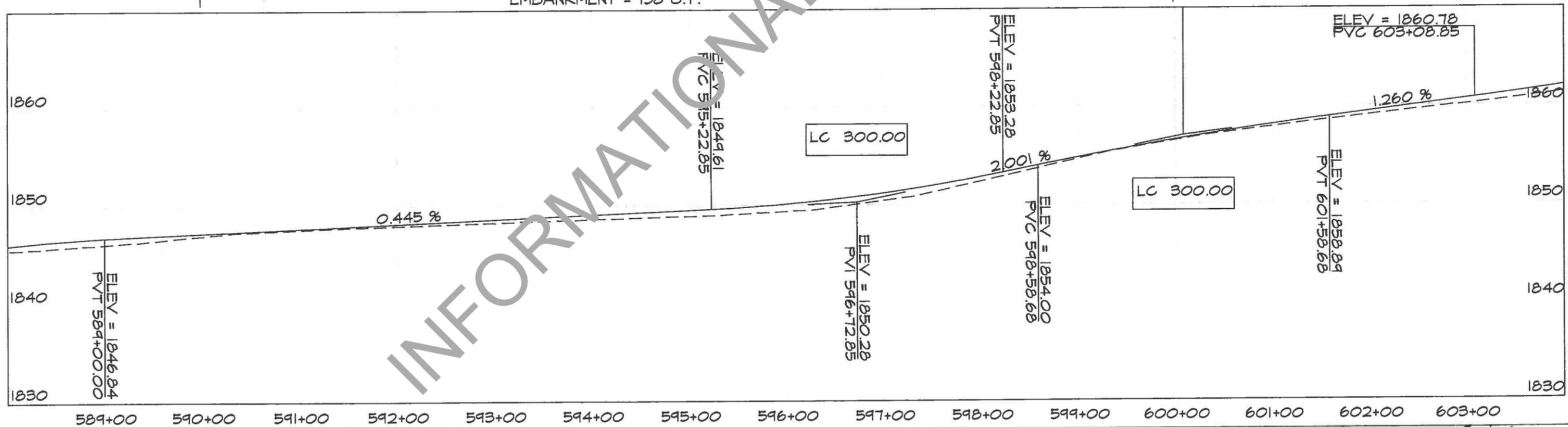
R-NE

cp41
EL. = 1847.54'

cp42
EL. = 1854.35'

TOWNSHIP 24N., RANGE 30E.W.M.

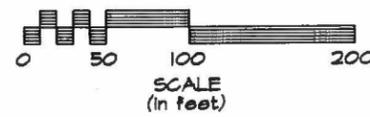
ROADWAY EXCAVATION = 819 C.Y.
EMBANKMENT = 158 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:

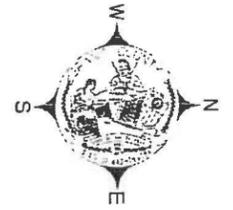


SHEET 15
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

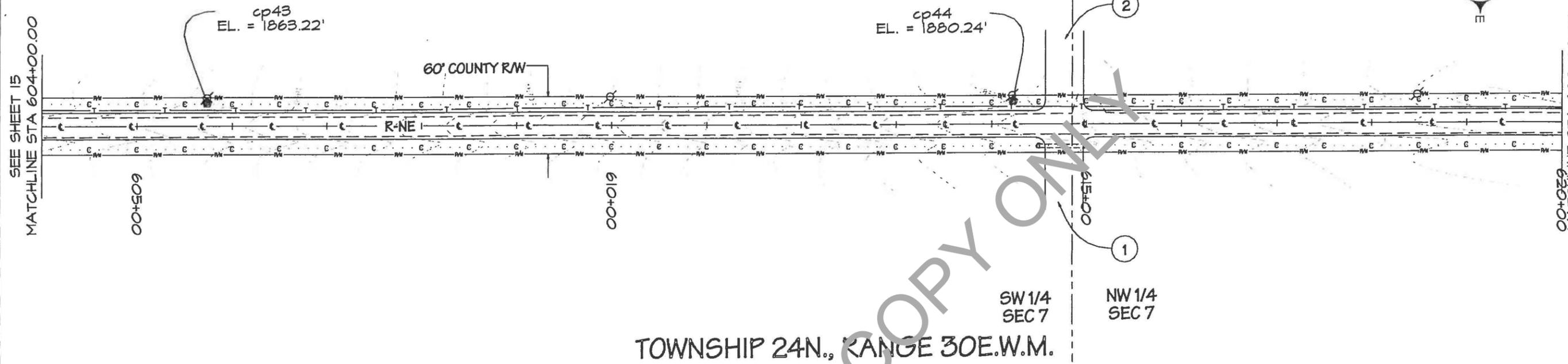
SE 1/4
SEC 12

NE 1/4
SEC 12



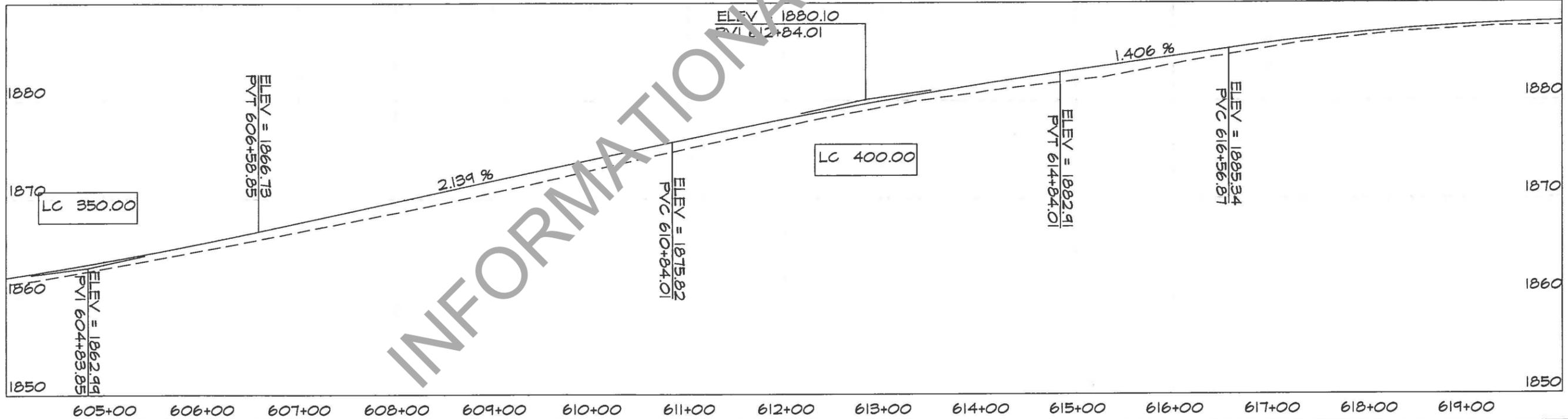
SEE SHEET 15
MATCHLINE STA 604+00.00

00+000
MATCHLINE STA 620+00.00
SEE SHEET 17



ROADWAY EXCAVATION = 469 C.Y.
EMBANKMENT = 235 C.Y.

ROADWAY EXCAVATION = 467 C.Y.
EMBANKMENT = 133 C.Y.

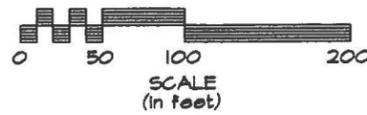


GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:

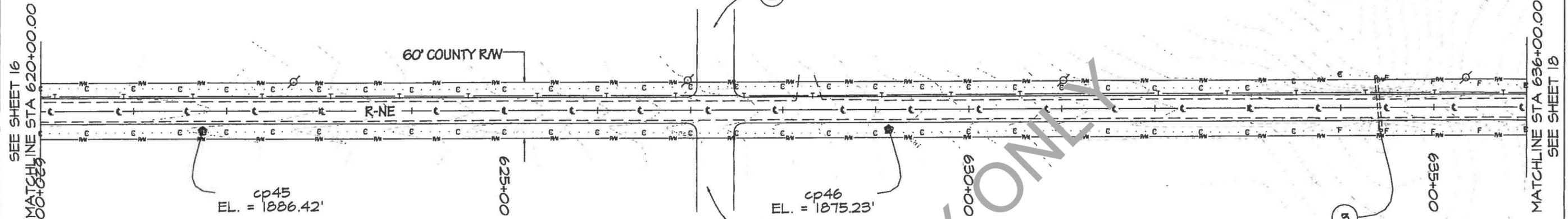


SHEET 16

OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

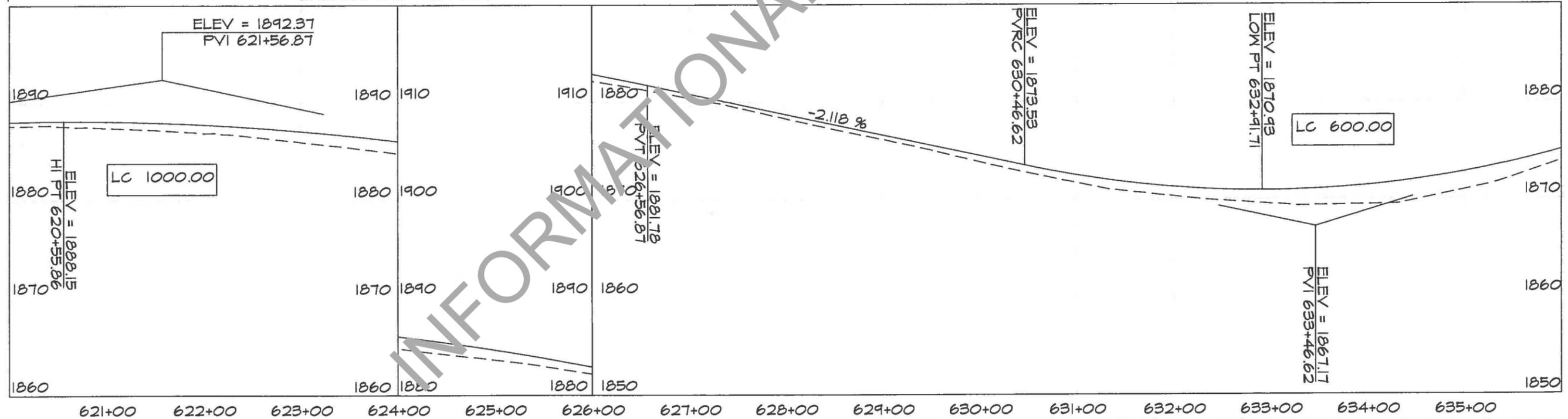
NE 1/4
SEC 12



TOWNSHIP 24N., RANGE 30E.W.M.

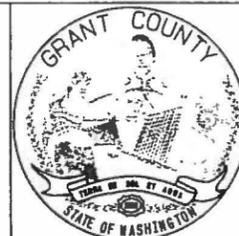
ROADWAY EXCAVATION = 560 C.Y.
EMBANKMENT = 187 C.Y.

ROADWAY EXCAVATION = 927 C.Y.
EMBANKMENT = 912 C.Y.

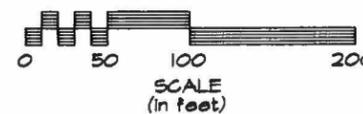


GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

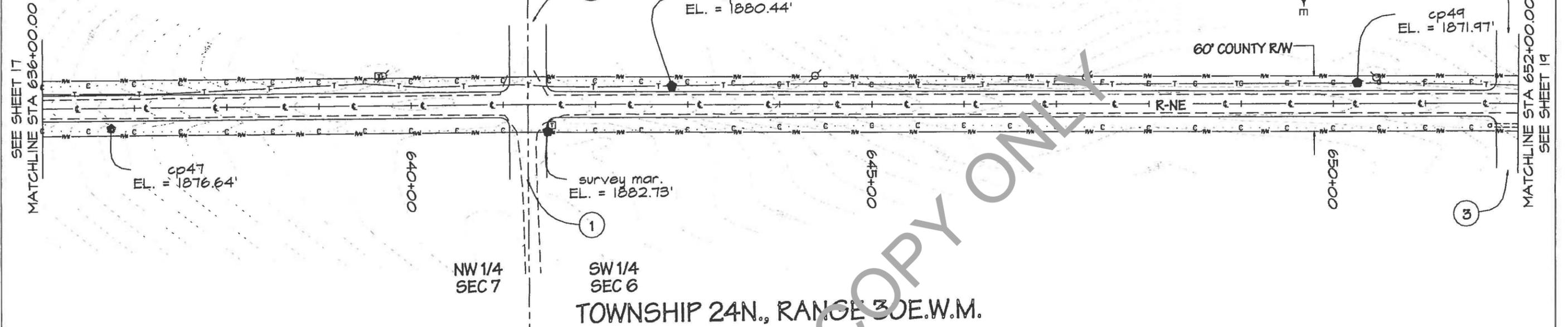
DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



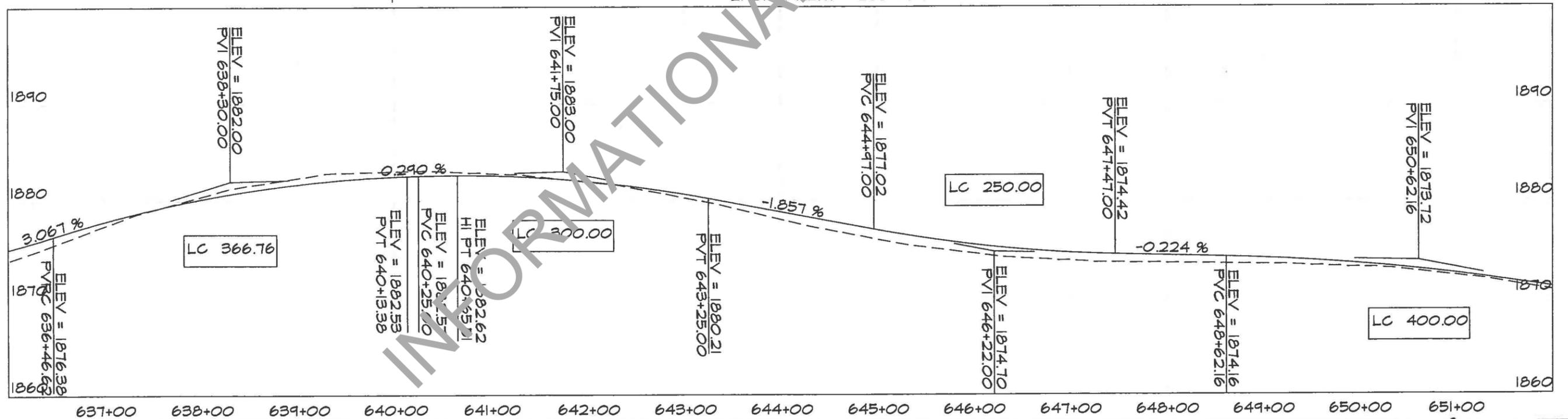
SHEET 17

OF 23

TOWNSHIP 24N., RANGE 29E.W.M.



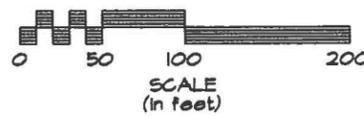
ROADWAY EXCAVATION = 983 C.Y.
 EMBANKMENT = 258 C.Y.



GRANT COUNTY PUBLIC WORKS DEPARTMENT
 124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

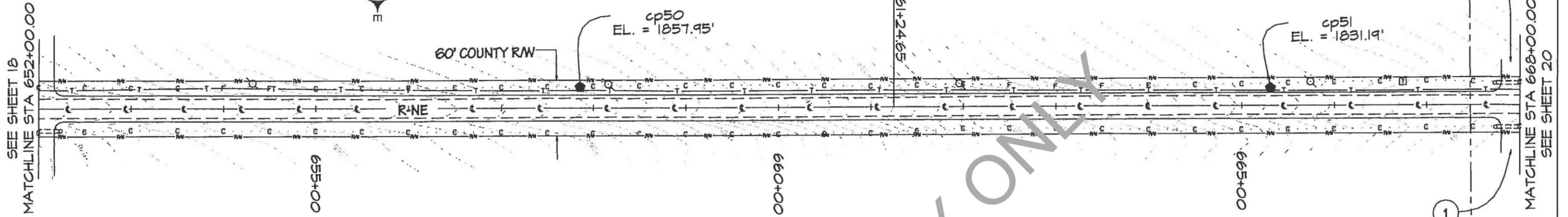
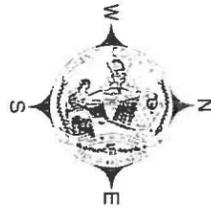
DESIGNED BY: BOB BERSANTI
 DRAWN BY: BOB BERSANTI
 CHECKED BY: DEREK POHLE
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:



SHEET 18
 OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

SE 1/4
SEC 1

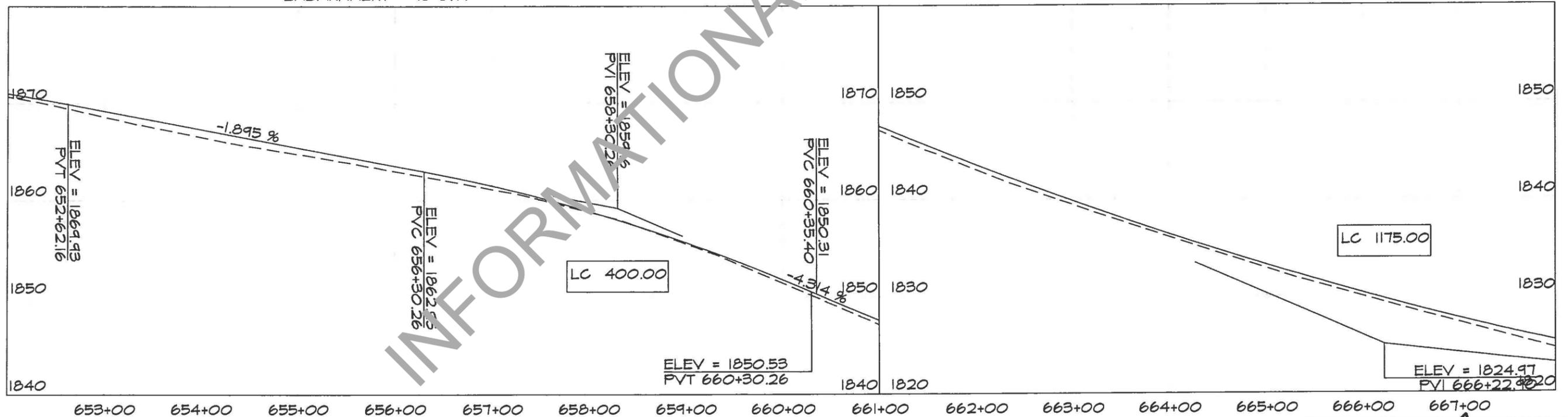


SW 1/4
SEC 6

TOWNSHIP 24N., RANGE 30E.W.M.

ROADWAY EXCAVATION = 934 C.Y.
EMBANKMENT = 75 C.Y.

ROADWAY EXCAVATION = 687 C.Y.
EMBANKMENT = 244 C.Y.

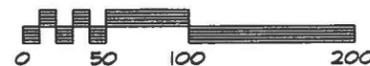


GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 19

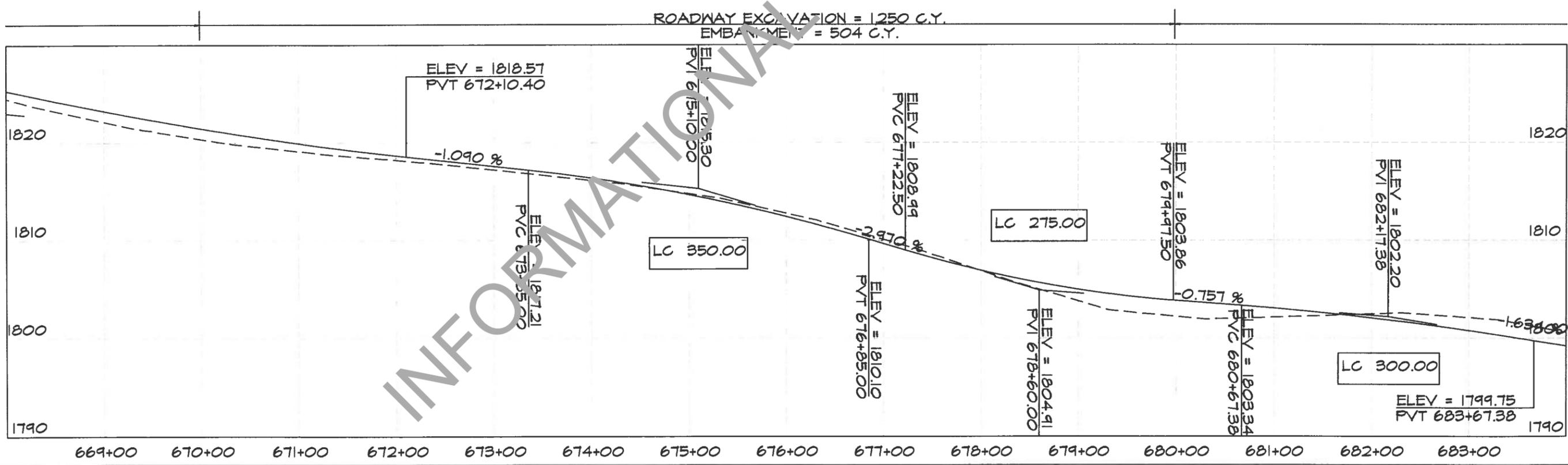
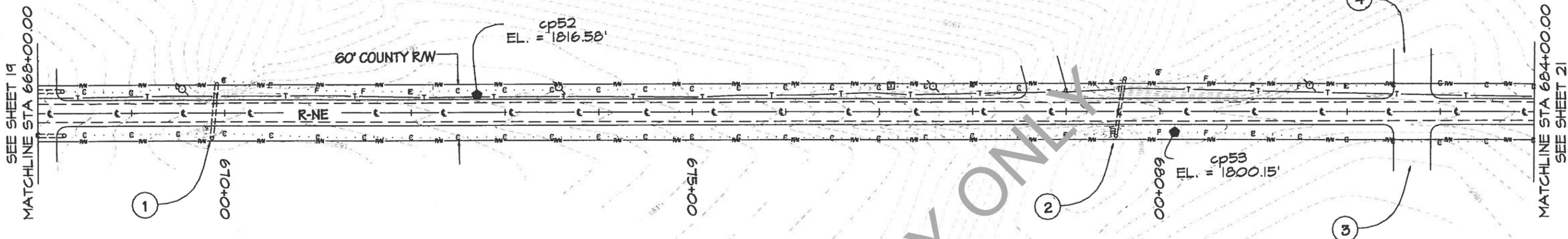
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

NE 1/4
SEC 1

TOWNSHIP 24N., RANGE 30E.W.M.

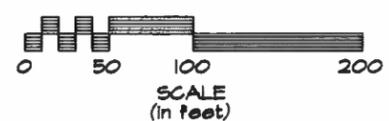
NW 1/4
SEC 6



GRANT COUNTY PUBLIC WORKS DEPARTMENT
124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION



CRP 12-07

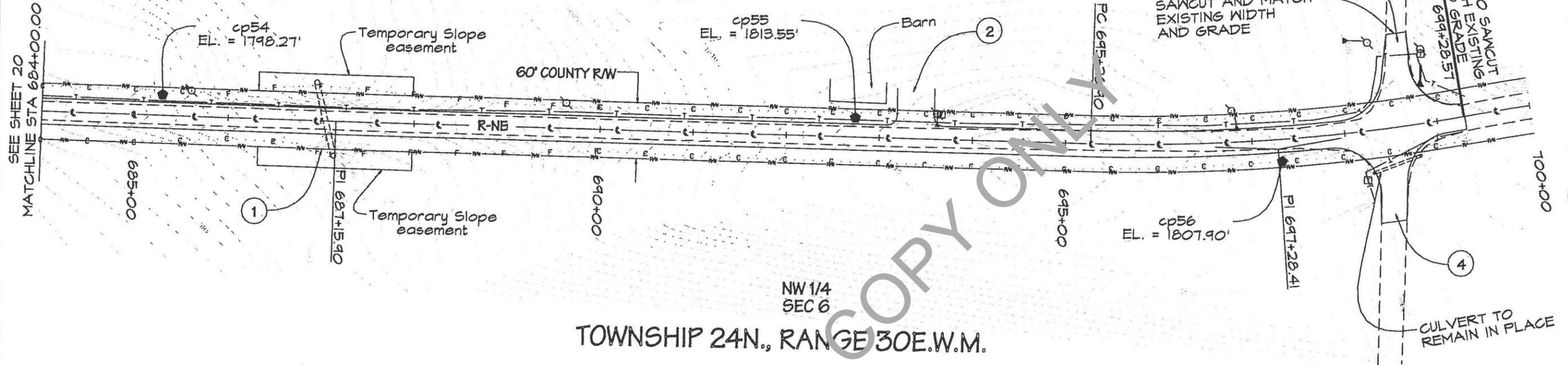
DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 20
OF 23

TOWNSHIP 24N., RANGE 29E.W.M.

NE 1/4
SEC 1

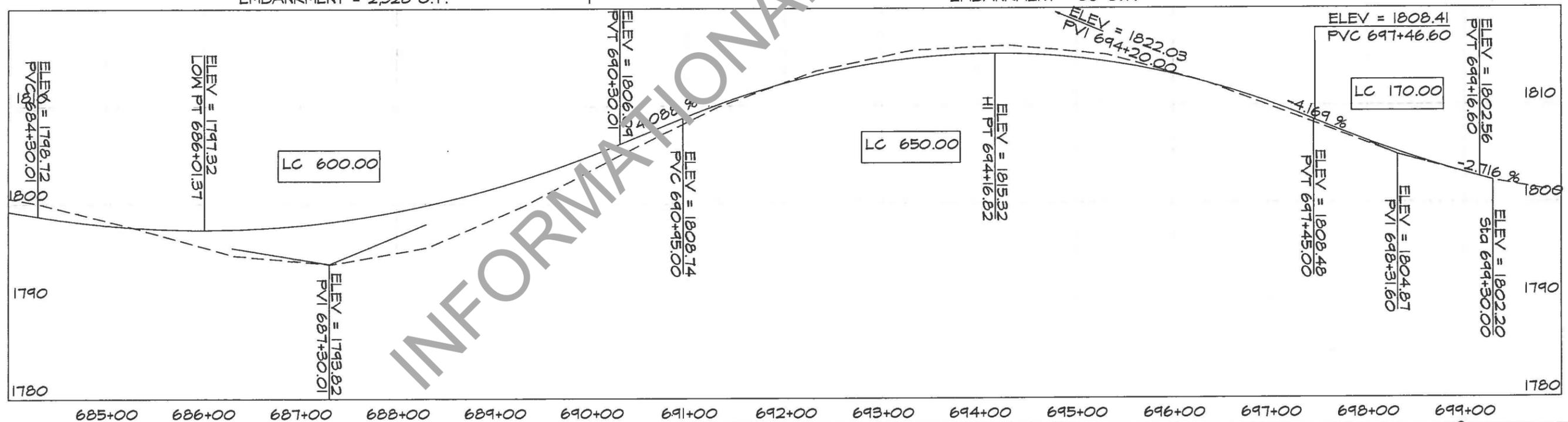


TOWNSHIP 24N., RANGE 30E.W.M.

NW 1/4
SEC 6

ROADWAY EXCAVATION = 1,732 C.Y.
EMBANKMENT = 2,528 C.Y.

ROADWAY EXCAVATION = 1,934 C.Y.
EMBANKMENT = 50 C.Y.

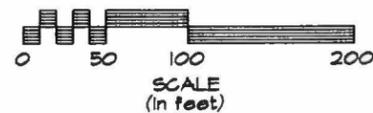


GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
EPHRATA, WASHINGTON 98823
(509) 754-6082 FAX (509) 754-6087

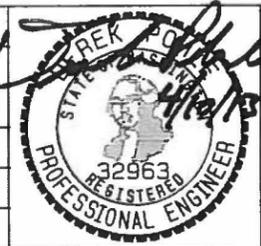


R-NE ROAD RECONSTRUCTION



CRP 12-07

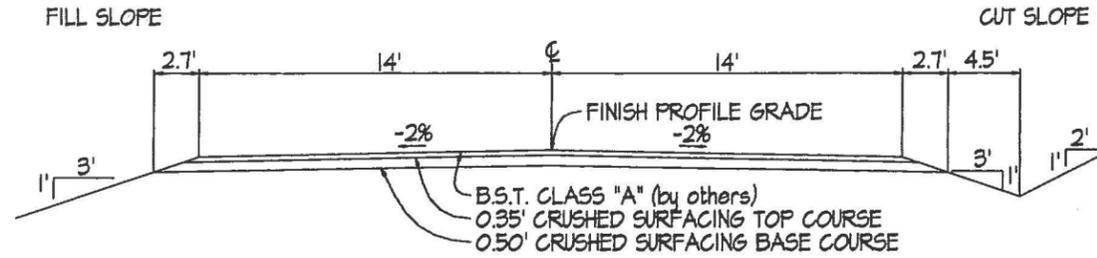
DESIGNED BY: BOB BERSANTI
DRAWN BY: BOB BERSANTI
CHECKED BY: DEREK POHLE
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 21

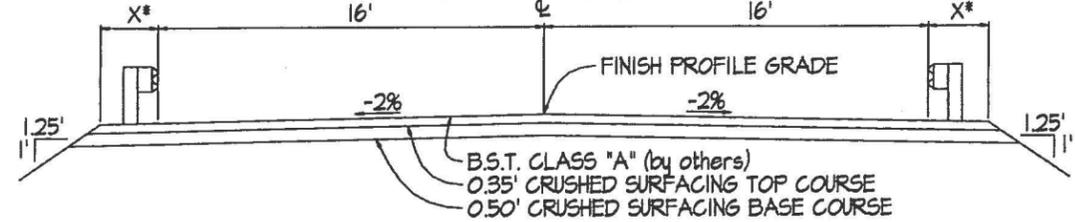
OF 23

ROADWAY SECTION "A"



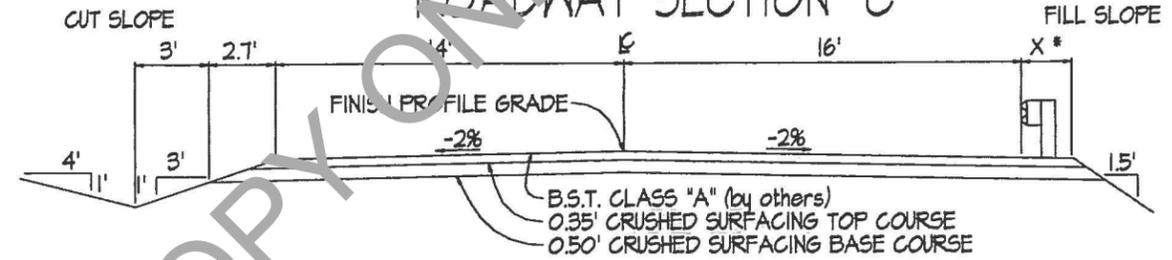
MATCH EXISTING ROADWAY STA 430+25
 STA. 430+25 TO STA. 497+50
 TRANSITION ROADWAY SECTION "A" STA. 497+50 TO SECTION "B" STA. 497+90
 STA. 500+75 TO STA. 514+90
 TRANSITION ROADWAY SECTION "A" STA 514+90 TO SECTION "C" STA. 515+40
 STA. 518+85 TO STA. 522+00
 TRANSITION ROADWAY SECTION "A" STA. 522+00 TO SECTION "D" STA. 523+00
 STA. 536+00 TO STA. 578+30
 TRANSITION ROADWAY SECTION "A" STA 578+30 TO SECTION "E" STA. 578+40
 STA. 578+85 TO STA. 686+50
 TRANSITION ROADWAY SECTION "A" STA. 686+50 TO SECTION "E" STA. 686+75
 STA. 687+75 TO STA. 699+30

ROADWAY SECTION "B"



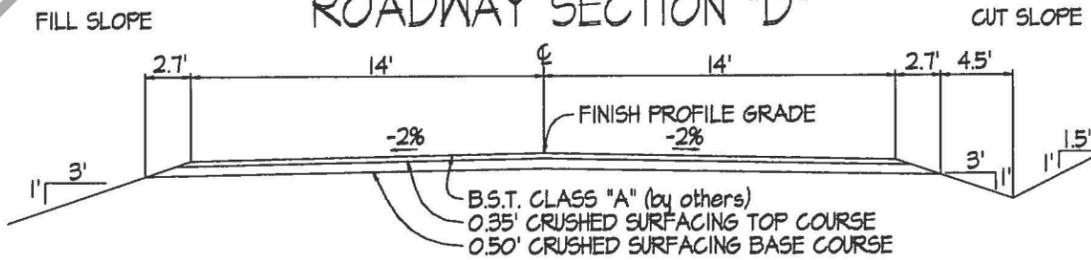
STATION	X	STATION	X
497+90	4'	500+00	2.5'
498+00	-	500+25	4'
498+25	2.5'	500+35	4'

ROADWAY SECTION "C"



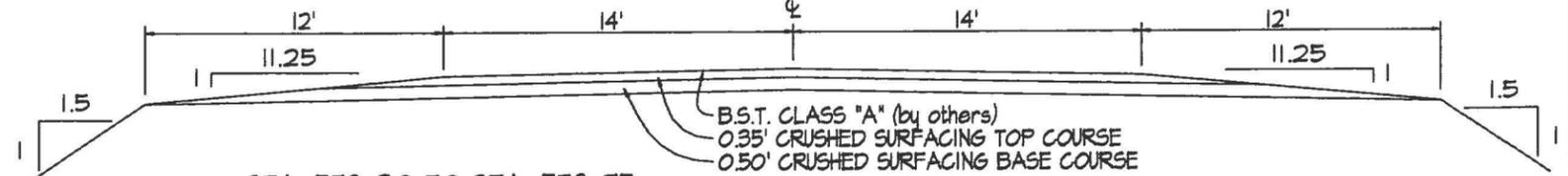
STATION	X	STATION	X
515+40	4'	517+85	2.5'
515+50	4'	518+25	4'
515+90	2.5'	518+35	4'

ROADWAY SECTION "D"



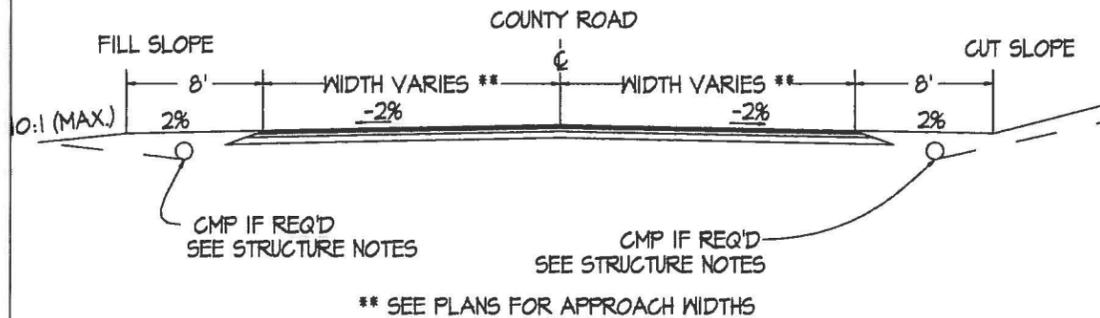
STA. 523+00 TO STA. 535+00
 TRANSITION ROADWAY SECTION "D" STA. 535+00 TO SECTION "A" STA. 536+00

ROADWAY SECTION "E"

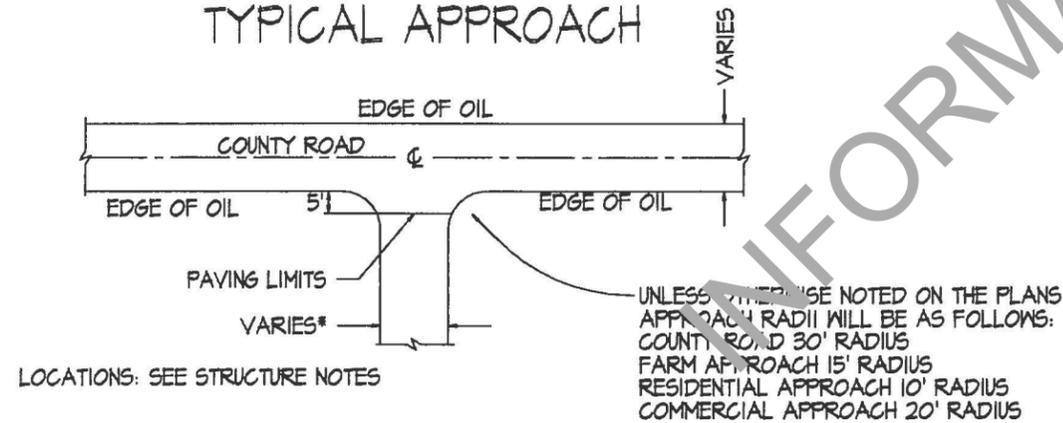


STA. 578+30 TO STA. 578+75
 TRANSITION ROADWAY SECTION "E" STA. 578+75 TO SECTION "A" STA. 578+85
 STA. 686+75 TO STA. 686+90 (left side only)
 STA. 686+90 TO STA. 687+25 (both sides)
 STA. 687+25 TO STA. 687+50 (right side only)
 TRANSITION ROADWAY SECTION "E" STA. 687+50 TO ROADWAY SECTION "A" STA. 687+75

TYPICAL APPROACH DETAIL

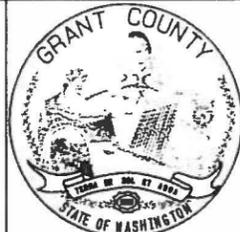


TYPICAL APPROACH



GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION

TYPICAL X - SECTIONS

CRP 12-07

DESIGNED BY: BOB BERSANTI

DRAWN BY: BOB BERSANTI

CHECKED BY: DEREK POHLE

REVISIONS BY:

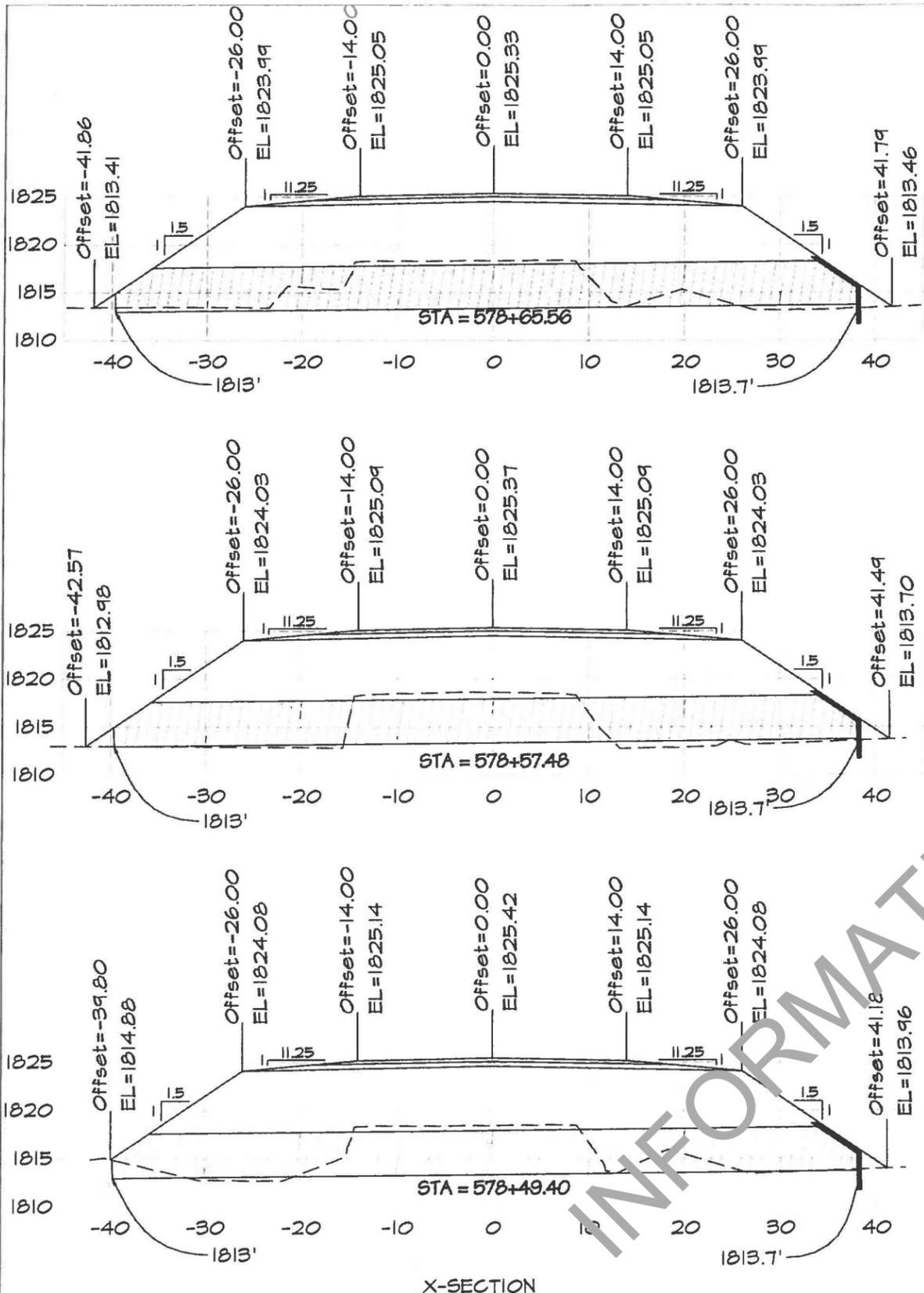
DATE REVISED:

FEDERAL AID NO.:

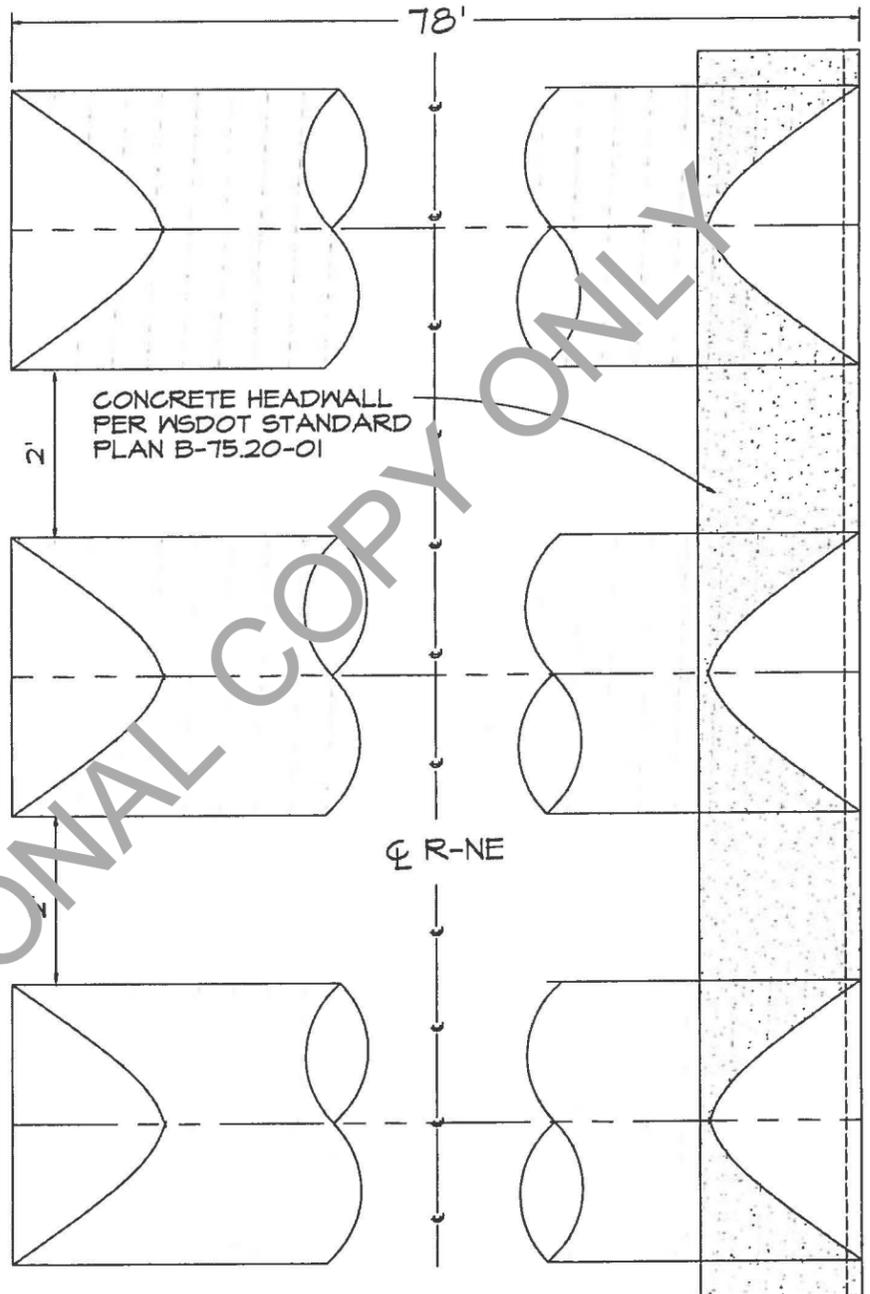


SHEET 22

OF 23

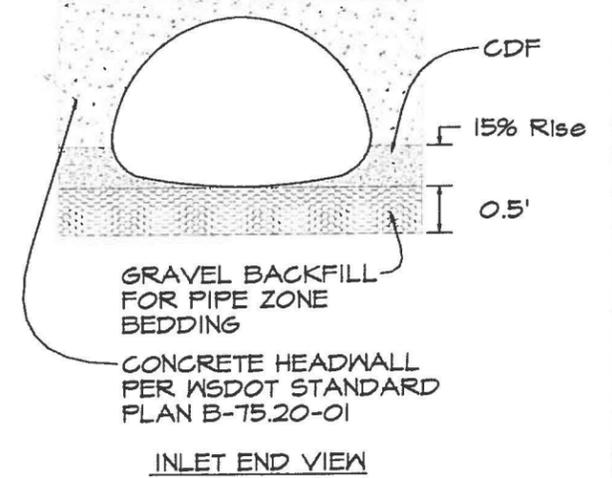


X-SECTION

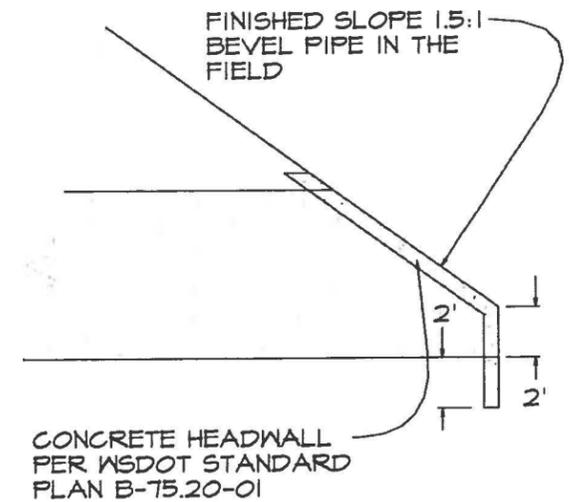


PLAN VIEW

WIDTH (see standard plan 2-09.4)



INLET END VIEW



INLET ELEVATION

GRANT COUNTY PUBLIC WORKS DEPARTMENT
 124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



R-NE ROAD RECONSTRUCTION

BRIDGE #129
 PIPE DETAILS

CRP 12-07

DESIGNED BY: BOB BERSANTI
 DRAWN BY: BOB BERSANTI
 CHECKED BY: DEREK FOHLE
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:



SHEET 23

OF 23